



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

P.O. IRINJALAKUDA NORTH, IRINJALAKUDA, THRISSUR (DISTRICT)
680125

www.christcollegeijk.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Introduction

Christ College was started in 1956, by the Devamatha Province of the Carmelites of Mary Immaculate (CMI), an indigenous religious congregation founded in 1831 by Saint Kuriakose Elias Chavara, a religious priest and versatile genius, who envisioned education as a tool for liberation and development. Since then, the College has been growing both in academic quality and quantity ie., student enrollment. Following recommendation from the state government, the College was conferred **Autonomous status** by University Grants Commission (UGC) in the year 2015, the Diamond Jubilee year of the College. From a humble start with three programmes and 240 students in 1956, the College has grown to offer fifty-six programmes and by 2021 cater to the educational needs of 4000 students. The College completed three cycles of NAAC accreditation in the years 2003, 2009, and 2016 with grades B++, A, and A respectively.

Present Status

The College offers 32 Undergraduate, 18 Postgraduate and 6 doctoral programmes covering the broad disciplines of science, arts, and humanities. With fundings from **UGC, SERB, FIST, and RUSA**, the College has attained milestones in research and consultancy activities. The College has added **17 programmes and 57 value added programmes** since the last NAAC accreditation. The College successfully implemented **Outcome Based Education** from 2019 onwards, assisted with software for output attainment calculation and evaluation. The College has its own Edu portal, **Christ OpenCourseWare** with high quality video lectures and study materials, which are used by students of other colleges also.

Five times winner of **Champion title in Sports and Games** of the University of Calicut, Christ College has contributed many international players during the accreditation period.

The College not only preserves the serene green campus but has also contributed significantly to the environment, as exemplified by the **Energy Management Centre Award** from Kerala State Electricity Board (State Government Award) for energy conservation in the year 2020. The outcome of the **Saviskara** project which contributes to the education and integration of differently-abled students and **Sravyam** audio library for visually impaired, indicate the importance the College is giving to **inclusive education**.

Vision

The Motto of Christ College is *Jeevith Prabha*, which means "Light of Life", that can be achieved through holistic education. The strenuous efforts taken by the College to impart holistic education, is reflected in the vision of the College stated as follows:

Moulding an enlightened generation by developing the potential of individuals through quality higher education and moral value inculcation

Mission

The **Indian culture** which highlights the harmony with self, family, and society is the means by which we can achieve our vision and this is echoed in the College mission stated as follows:

- **To impart quality education, imbued with Indian ethos and enriched with universal values**
- **To mould our youth as intellectually competent, psychologically integrated, and morally upright social beings**
- **To train them as responsible citizens of our nation who champion the cause of justice, love, truth, and peace**
- **To emancipate them from the clutches of *Adharma* and *Ahamkara* to true freedom and fraternity**

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Autonomous College capable of **introducing new programmes and courses**
- Management with **clear cut vision and leadership** capabilities , gives freedom and trusts employees
- Highly reputed institution with sixty-five years of experience and **excellent support from society**
- **Excellent infrastructure facilities** which are made available to the semi-urban local society
- Highly qualified, **dedicated, and hardworking teachers**
- Support from **funding agencies like UGC, DST, KSCSTE, CSIR, RUSA** etc.
- Excellent **library facilities** - well-stocked, automated, spacious A/C reading halls, INFLIBNET/NLIST
- Academically motivated students with **outstanding results** in examinations
- Effective and **well-advanced IT labs and 100 Mbps free WiFi internet** facilities
- **Scholar Support Programme (SSP)** for weak students and '**Walk With Scholar**' (WWS) programme for brilliant students.
- Active and supportive **Alumni and Parent Teacher Association**
- Six **research departments engage in vigorous research** in the field of Physics, Chemistry, Zoology, Geology & Environmental Science, History, and Commerce
- Well-furnished **hostel facility for boys and girls**

- Arts and Science College with **56 diverse programmes** (32 UG, 18 PG and 6 PhD) and one among Colleges with the **highest number of students in Kerala**
- Excellent opportunities for students for **co-curricular activities in the form of student clubs and associations**
- Service oriented and technically **qualified supporting staff**
- Work **culture to adopt new technologies which is reflected in the progress of ICT** enabled education with dedicated **opencourseware portal**
- Excellent in **sports infrastructure** with spacious playgrounds and training facilities
- Good number of **Value-added Certificate Courses in partnership with industries**
- Community enrichment activities - *Saviskara* and *Sravyam* for disabled students for promoting **inclusive education**
- **FIST (DST) and SARD (KSCSTE)** supported science departments
- Provides great support for **arts and cultural activities**
- Eco-friendly campus with vision of **sustainable development** in all its activities, having proper waste management system and alternative energy sources
- Green initiatives like **Vermiculture, Aquaponics, Bee Hotel** etc. to promote enviro-friendly awareness
- Strong foreign collaboration reflected in international MoUs with the provision for **International Credit Transfer System**
- Opportunity for students to do **internships in foreign countries**
- Successful implementation of **Outcome Based Education**
- **Well-placed alumni** in Scientific Institutes like ISRO, industry, government, and reputed educational institutions
- **ISO 9001: 2015 certified** administrative setup

Institutional Weakness

- Major fraction of students from financially poor backgrounds finds difficulty in enrolling in skill enhancing courses
- The number of students and staff members from other states and countries is limited

- Though one has been filed, the institute has no patents in the present period
- Number of students qualifying in competitive examinations is limited
- Attrition of teachers from Self-financing Departments
- Low number of research guides, especially in Self-financing departments due to government policies
- Lack of advanced research instrumentation facilities
- Locational disadvantage of being a semi-urban locality which reduces visibility outside Kerala and limit the attraction of diverse talent from other states

Institutional Opportunity

- The College has the potential to develop as a **premier national educational institute** with its good infrastructure, excellent faculty and academic reputation.
- Possibility to become a **Teaching intensive Deemed to be University** as per the National Education Policy
- With the emerging priority to innovation and entrepreneurship, some startups can be launched with more visible **market products**.
- The established **online education platforms** of the College can be utilised for online/blended learning during the post pandemic education scenario.
- With new research promoting culture, College can focus more on interdisciplinary and **community-useful research**
- Young faculty with research / postdoc experience can foster innovative research outputs
- Scope for enhanced **industry linkages** in the form of curriculum updating and research collaborations
- Presence of **high profile alumni** can be used fruitfully for the overall growth of the institution.
- There is good scope for **greater alumni engagement** both in academic and in internship projects.
- The College has a **variety of programmes** and many of them have linkages with industries which will result in enhanced placement for jobs.
- Increased demand for higher education in society
- **Positive approach from Central Government** towards educational reforms

Institutional Challenge

- **Competition from colleges of urban area** and other off-campus universities in Kerala
- College location is **semi-urban** and accessibility to the institution is limited
- **Policy restriction** from Government on starting new programmes and the inherent slowness in policy decisions
- Lack of enough **industries in the surroundings** for placement and internship
- Attracting the top level students who crave for better exposure in an urban atmosphere
- **Unexpected holidays** due to natural calamities like floods and pandemics
- **Reduced research funding** and other grants from government sources
- **Globalisation of education** through MOOCs from reputed universities
- Decreased working days due to politically motivated hartals, bandhs and strikes
- Attracting highly qualified faculties in Self-financing departments

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- The College has **revised the syllabi for almost all the programmes (98%)** during the accreditation period. The courses taught are quantifiable towards employability, entrepreneurship and skill development.
- **Outcome based education** was implemented from 2019 onwards with Programme Outcome (PO), Programme Specific Outcome (PSO) and Course Outcome (CO) linked with the vision and mission of the College. Measurable outcomes are calculated using Software.
- College started 11 Undergraduate, 5 Postgraduate and 1 Doctoral programmes during the accreditation period.
- Being located in a semi-urban background, the College also introduced **5 value added foundation courses** for entry level students to help them adapt to higher education and be part of the society by acquiring necessary skills.
- The College started **57 value added courses** during the accreditation period out of which 14 are in academic partnership with industries so as to **enhance employability**. Almost all students were enrolled in these courses in the latest year.

- **Audit courses** were introduced to integrate gender, environment, human values and professional ethics into the curriculum. **Value education classes for all students** are conducted in a mandatory manner and toppers are awarded. Students of UG programmes are given a chance to choose an **Open Course** from other streams, which gives them an opportunity to get an introduction to other streams of knowledge. IQAC initiates the curriculum planning process of the College through Strategic Plan, Academic Calendar, College Handbook, Online Learning Platforms, Result Analysis, Feedback study etc.
- The College has signed **eight International MOUs** to nurture the curriculum and the College was able to offer the **International Credit Transfer System** as a part of MoU.
- 100 % of students are undertaking project work or internships during their final year of study. Students are given the opportunity to take **internships in reputed companies and even in foreign countries**.
- Stakeholders' feedback and suggestions are discussed in the BoS meetings which is the backbone of the syllabi revisions where local, national and international needs of employability and skill development are analysed in a scientific manner.

Teaching-learning and Evaluation

The success of Christ College in giving quality education can be attributed to a community of dedicated teachers.

- The College has 100 % enrollment in 97% of the programmes, which indicates the **high demand** for the programmes in Christ College. Adherence to the University and Government statutes ensures admission of all the eligible students **as per the reservation rules**.
- **Student Induction Programme (SIP)** at the start of the academic programme helps the freshers to adapt and settle in the new atmosphere and helps create a rapport between teachers and students. Two teachers participated in ToT designed by UGC SWRO Bangalore in 2019 and since then a one-week long **Dheeksharambh (SIP)** was introduced.
- **Assessment of learning levels of newly admitted students** are done by **indigenously developed online screening test** designed by IQAC which comprises three sections a) English language b) Core subject c) Psychometric test.
- **The Peer Learning Group System** implemented from 2018 onwards was instrumental in improving the pass percentage.
- **Mentor-mentee ratio of 1:19** is maintained throughout the accreditation period.
- IQAC prepares the academic calendar and teachers prepare the **teaching plan** well ahead and record it in the Teachers' diary.
- **Student-centric methods** which include industrial visits, internships, field projects, and role plays are adopted extensively in teaching- learning.

- Technology integration for improved teaching-learning was adopted much before the pandemic which resulted in attainment of **ICT proficiency in the year 2018** itself. Video production facilities and lecture capturing facilities were established with dedicated staff for videography and editing.
- **Indigenously developed Lightboard** for enhanced classroom engagement
- The Opencourseware portal **Christ OpenCourseWare** is the **only open courseware portal in Kerala** integrated with four quadrants of **MOOCS** components with Creative Commons License.
- **All students are enrolled in the Learning Management System Christ Moodle** through which internal exams, assignment submissions are done.
- Students are encouraged to undertake courses of **NPTEL, Coursera and EdX**.
- Technology integrated system of Evaluation is adopted with additional facilities to print barcoded answer sheets and question papers. Taxonomy integrated question papers are generated under security protocol using dedicated software QnSmart. The deQ software is used for evaluation of OBE.

Research, Innovations and Extension

The College has exhibited a consistent progression with regard to the research outcomes, innovative ventures and extension activities.

- There is a well defined **policy on Research and consultancy** which is the umbrella for research innovation activity.
- The College is a **research centre for six disciplines** which include Physics, Chemistry, Zoology, History, Geology and Environmental Science and Commerce.
- The College has constituted a prime body to promote Research and Consultancy, **Christ College Research and Consultancy Promotion Council (CCRCPC)** to establish research as one of the thrust areas.
- An average amount of **5.4 lakh rupees** per year was distributed as **seed money** to enhance the research activities.
- During the accreditation period the College has an output of **179 journal publications** and **52 books and proceedings** in Scopus journals and listed journals of the UGC Care list.
- **Incubation centre of 650 sq.feet** with adequate facility for product and concept development is fully functional.
- IQAC conducted **three corporate training sessions at surrounding industries**, KLF Nirmal, KPL Limited and KSE Limited, which contributed towards the total consultancy earning of **57 lakhs** during the accreditation period.

- The College has formed **Christ College Innovation Council**, which instituted a cash prize worth Rs. 20,000/- for the best innovator student project in Kerala State.
- The College has instituted the best **research paper award for faculty and research scholars**. Research fellowship is awarded to any research scholar not having any government or other funding.
- Ethics committee safeguards the ethics of research with established Policy on Plagiarism and Intellectual Property Rights. Independent software for **plagiarism check (Ouriginal)** is made available for researchers. All PG dissertations are subjected to plagiarism check from 2020 onwards.
- Students can participate in extension activities by joining in NSS, NCC, Thavanish, or CSA units. **Five NSS awards have been received for social service** during this period and **99 awards** and appreciation letters for the extension activities. **Saviskara** is a model for inclusive education.
- **56 functional MOUs** out of which **two** are **International MOUs** for research activities with Leibniz Institute for Applied Geophysics, Germany and Zululand University, South Africa

Infrastructure and Learning Resources

The infrastructure and learning resources planned and established in the College is with a clear mission to promote holistic education.

- **The Campus is spread over 47 acres of land** with lush green vegetation and trees with a built area of 38096.12 sq. metres.
- The **125 classrooms** of the College are located in ten buildings across the campus and all are **ICT enabled**. All the classrooms are **wifi enabled with internet speed 100 Mbps**. Staff are assigned unique protocol addresses with firewall facilities.
- The 32 PG classrooms and four computer labs are equipped with **Intelligent Interactive panels**.
- Four out of six seminar halls are equipped with **Lecture recording systems** and two are having video conferencing facilities.
- Video recording room has all necessary facilities, which include HD camera, editing suite, teleprompter and **indigenously developed Lightboard**.
- College has **34 laboratories** with all modern facilities. **Centralised Research Lab** is instituted for Interdisciplinary research.
- Student computer ratio is 7 : 1
- **Spacious auditorium** with a seating capacity of 1500 chairs and two A/C seminar halls with a seating capacity of 200 each provide ample atmosphere for seminar and cultural activities.

- **Open Gym** constructed in College garden enables students to actively participate in health care exercises. **Ladies' fitness Centre** for lady teachers and girls is established to practice Yoga and Zumba dance.
- Central Library has all modern facilities including E-Resources, digital repository and free wifi. The **Jnana Udyan (garden library)** for students promotes **nature friendly reading**. **Audio lab (Sraryam)** constructed using RUSA fund for recording books for visually impaired. Library is a member of **National Sugamya Pusthakalaya**.
- **The 400m Athletics standard track** with gallery seating capacity of 15000 is established with an area of 20832M². **Unparalleled facilities for sports** including Basketball courts (4), Cricket field, Hockey field, Football field, Handball courts, Tennis court, Volleyball court (indoor and outdoor) promote spectacular sports achievements.
- **Lifts, Ramps, Wheelchairs** and human assistance is established for accessibility to **Divyangjan** students.
- One **hostel** each for boys and girls accommodating 695 inmates.
- College spent 1561.05 lakhs for **infrastructure augmentation** during the accreditation period.
- CCTV installed in important locations

Student Support and Progression

College has a good brand name over the years due to the quality enhancement of student support initiatives.

- College has established policy and procedures to help students to avail scholarships and freeships with an embodied vision: **'No student who gets admitted in Christ College shall stop his/her academic endeavour due to financial difficulties'**. A specific endowment project **Vidyadhanam** was initiated with this noble intention.
- **Pragathi Samman scholarship** instituted from year 2019 gives freeships to meritorious students **after evaluating their grades and measurable progression**.
- Administrative staff and Faculty in charge take all measures to make sure eligible students receive **government scholarships**.
- 50 percent of students have benefitted from scholarships and freeships.
- During the accreditation period **65 training programmes** were conducted in career counselling and competitive exams. 99% of students attended these programmes.
- **Efficient grievance redressal mechanism** with facility to register online complaints is established in the College and strict confidentiality and timely resolving are maintained.

- 479 students received **placements** in both off-campus and on-campus recruitments by major companies across India.
- 200 students cleared **UGC/NET exams** during the accreditation period and 353 students pursued **higher education** in the year 2020-21.
- An active student council gives effective leadership to students in activities including sports and cultural activities.
- Many students have won **National and International awards and recognition** both in sports and in arts.
- **NSS Old Volunteers Association (NOVA), the first of its kind in Kerala and Old Football Team member Association** meet every year to renew their memories and participate in various activities.
- A **very active Alumni Association** contributed **Rs 32 lakhs** for the welfare of the College during the accreditation period. They have established scholarships, arranged foreign internships and have organised a series of Alumni Talks. Many of our Alumni are in the ranks of Scientists, Directors, IAS, and IPS officers etc. and have largely contributed to the overall growth of the institution.
- **Students IQAC (SIQAC)**, the students' quality circle with members from each programme and each year engages in feedback mechanism, volunteers in enrolling NPTEL courses and involves in activities of Career Guidance and Placement Cell.

Governance, Leadership and Management

The effective leadership of Christ College with participatory management and decentralisation style has created a conducive atmosphere for all the stakeholders. The motherly concern of the college management is reflected in the smooth functioning of all the administrative activities.

- **Periodical meetings of all committees** are conducted with all documentary procedures.
- **Well-structured organogram** is instrumental in the smooth realisation of the institutions' Vision and Mission to all stakeholders.
- **Statutory bodies of the College** namely IQAC, College Governing Council, Academic Council, College Council, and Board of Studies are regularly reconstituted in accordance with the UGC regulations.
- The Principal along with two Vice-Principals and two Deans takes leadership in regular administrative activities.
- A very **strong PTA** is involved in overall activities of the College.
- **Strategic plans of College:** Vision 2021 and long-term Vision 2030 have been formulated and redefined after getting periodic feedback from all stakeholders.

- College has devised a number of mechanisms for **employee welfare** and career progression.
- In the accreditation period 86% of the faculty have received **welfare measures** in one way or the other.
- On an average 30% of teachers attended online/face to face FDP per year during the accreditation period.
- Management provides timely assistance to staff in the form of **Salary Advance Scheme**.
- The College has a good **e-governance platform** for coordinating the functioning administration, admission, and examination wings.
- The College conducts **financial audits** at three levels - internal, statutory and government. The **budgeting** procedures helps to foresee resource allocation and mobilisation of funds.
- The College received a total sum of Rs. **1113.18 lakhs** during the accreditation period as contribution from philanthropists and well-wishers.
- **Major quality initiatives** institutionalised by IQAC during the period are ICT integration into teaching and learning, Introduction of OBE, Christ Opencourseware, ISO and Academic Audit, Green Audit, Comprehensive Result Analysis, E-Repository (D-space), Curriculum Feedback Analysis and Corporate Training.
- IQAC formulated **quality standards** in all functional areas of the College. IQAC also spearheaded the RUSA project implementation in Christ College and participated in NIRF rankings, AISHE survey and AKHES (All Kerala Higher Education Survey instituted by Kerala State Higher Education Council) survey.

Institutional Values and Best Practices

The Christ College promotes universal human values rooted in **environmental consciousness** and **inclusive education**.

- **Women's Development Cell** sensitises students on gender issues. **Value added course** on Gender and Gender studies, **Ladies' Fitness Centre** and women security personnel promote women empowerment.
- The solar power plant of the College with **170 kW/h** provides most of the power requirement and is wheeling to the grid. 80% of the lights are LED. BLDC fans and wind exhausts are given priority.
- **Paper recycling unit (Earn while Learn Programme)** introduced to manage paper waste and **Vermicompost** unit to manage biodegradable waste. **MoU with leading industry** for effective E-waste and Plastic waste disposal
- **Rainwater harvesting facilities** with capacity to store up to 4 **lakh** litres of rainwater, open well

recharging, tanks and bunds and maintenance of water bodies

- Restricted entry for automobiles, separate parking for bicycles and active **Cycle club** to promote the use of bicycles
- **Butterfly garden** provides a safe haven for butterflies
- **Shanthisthal** - where RET (Rare, Endangered, and Threatened) plants are preserved in 20 cents of land, a project under **Kerala State Biodiversity Board**
- **Miyawaki forest** - forest in urban area, a project under **Social Forestry Department, Kerala**
- **Fruit garden** maintained by NSS and **Nakshathravanam** (star plants) maintained by Department of Botany
- **Aquaponics** of 48,000 litre capacity, with breeding centre for ornamental fishes
- Beyond the campus environmental initiative - **Green Nature award** instituted for best environmental friendly school in Kerala, **Aramam padhathi** (garden in schools) by NSS and **Ente Mavu** (native fruit trees) by the College
- Well-structured policy to safeguard the rights of **Divyangjan**
- **Sravyam audio library** for visually impaired and membership in **National Sugamya Pusthakalaya. 100% buildings** are accessible to Divyangjan.
- Green Audits, Energy Audits, Environment Audits conducted and certified by competent agencies
- **Best Practice 1. ICT integration and E-Learning-** Technology enhanced learning adapted much before the pandemic, with Opencourseware portal, available for all students.
- **Best Practice 2. Earth for all: Environmental consciousness among students-** to foster the culture of eco-friendly practices and make the campus environmentally sustainable
- **College distinctiveness; Saviskara-** the talent exhibition and support to differently-abled students for inclusive education.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
Address	P.O. Irinjalakuda North, Irinjalakuda, Thrissur (District)
City	THRISSUR
State	Kerala
Pin	680125
Website	www.christcollegeijk.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	Fr. Jolly Andrews	0480-2825258	9495062923	0480-282525 8	jollyandrews@chri stcollegeijk.edu.in
IQAC / CIQA coordinator	Robinson P Ponminiessar y	0480-2723937	9846214700	0480-272393 7	robinsonp@christc ollegeijk.edu.in

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes minority certificate.pdf
If Yes, Specify minority status	
Religious	Roman Catholic
Linguistic	
Any Other	

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	01-01-1956
Date of grant of 'Autonomy' to the College by UGC	29-07-2015

University to which the college is affiliated		
State	University name	Document
Kerala	University Of Calicut	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	01-06-1956	View Document
12B of UGC	01-06-1956	View Document

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	P.O. Irinjalakuda North, Irinjalakuda, Thrissur (District)	Semi-urban	47	38096.12

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BPES,Bpe	48	Plus Two	English	40	40
UG	BVoc,Bvoc	36	Plus Two	English	50	34
UG	BVoc,Bvoc	36	Plus Two	English	50	30
UG	BSc,Chemistry	36	Plus Two	English	48	45
UG	BCom,Commerce	36	Plus Two	English	70	67
UG	BCom,Commerce Self	36	Plus Two	English	50	46
UG	BBA,Commerce Self	36	Plus Two	English	60	56
UG	BCom,Commerce Self	36	Plus Two	English	60	60
UG	BCom,Commerce Self	36	Plus Two	English	40	37

UG	BCom,Com merce Self	36	Plus Two	English	60	60
UG	BCom,Com merce Self	36	Plus Two	English	60	60
UG	BCA,Compu ter Science	36	Plus Two	English	50	47
UG	BSc,Comput er Science	36	Plus Two	English	40	39
UG	BA,Economi cs	36	Plus Two	English	40	32
UG	BA,Economi cs	36	Plus Two	English	70	65
UG	BA,English And History	36	Plus Two	English	48	44
UG	BA,English Literature	36	Plus Two	English	40	39
UG	BSc,Food Technology	36	Plus Two	English	36	34
UG	BA,Function al English	36	Plus Two	English	40	38
UG	BSc,Geology And Environ mental Science	36	Plus Two	English	30	23
UG	BSc,Geology And Environ mental Science	36	Plus Two	English	36	34
UG	BSc,Hotel Management And Catering Science	36	Plus Two	English	36	31
UG	BLibISc,Libr ary And Information Science	12	Degree	English	24	20
UG	BA,Malayala	36	Plus Two	English	40	37

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UG	BSc,Mathematics	36	Plus Two	English	24	17
UG	BSc,Mathematics	36	Plus Two	English	48	44
UG	BSc,Physics	36	Plus Two	English	24	23
UG	BSc,Physics	36	Plus Two	English	48	48
UG	BSc,Psychology	36	Plus Two	English	38	38
UG	BSc,Psychology	36	Plus Two	English	32	31
UG	BSW,Social Work	36	Plus Two	English	48	46
UG	BSc,Zoology	36	Plus Two	English	37	36
PG	MSc,Botany	24	Degree	English	16	16
PG	MSc,Chemistry	24	Degree	English	10	10
PG	MSc,Chemistry	24	Degree	English	16	15
PG	MCom,Commerce	24	Degree	English	25	25
PG	MSc,Computer Science	24	Degree	English	10	7
PG	MA,Economics	24	Degree	English	25	19
PG	MA,English Literature	24	Degree	English	25	25
PG	MSc,Geology And Environmental Science	24	Degree	English	18	17
PG	MSc,Geology And Environmental Science	24	Degree	English	16	16
PG	MSc,Geolog	24	Degree	English	24	16

	y And Environmental Science					
PG	MA,History	24	Degree	English	25	24
PG	MSc,Mathematics	24	Degree	English	20	16
PG	MSc,Physics	24	Degree	English	10	10
PG	MSc,Physics	24	Degree	English	16	14
PG	MSc,Psychology	24	Degree	English	25	21
PG	MSW,Social Work	24	Degree	English	30	27
PG	MSc,Statistics	24	Degree	English	16	13
PG	MSc,Zoology	24	Degree	English	16	16
Doctoral (Ph.D)	PhD or DPhil,Chemistry	36	Post Graduate Degree	English	12	6
Doctoral (Ph.D)	PhD or DPhil,Commerce	36	Post Graduate Degree	English	4	4
Doctoral (Ph.D)	PhD or DPhil,Geology And Environmental Science	36	Post Graduate Degree	English	8	4
Doctoral (Ph.D)	PhD or DPhil,History	36	Post Graduate Degree	English	4	4
Doctoral (Ph.D)	PhD or DPhil,Physics	36	Post Graduate Degree	English	12	12
Doctoral (Ph.D)	PhD or DPhil,Zoology	36	Post Graduate Degree	English	20	20

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				15				51			
Recruited	0	0	0	0	12	3	0	15	32	19	0	51
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				18				122			
Recruited	0	0	0	0	16	2	0	18	31	91	0	122
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				32
Recruited	28	4	0	32
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				33
Recruited	21	12	0	33
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				2
Recruited	2	0	0	2
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	2	0	0	2
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	10	1	0	24	11	0	46
M.Phil.	0	0	0	0	1	0	4	2	0	7
PG	0	0	0	2	1	0	4	6	0	13
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	8	2	0	5	5	0	20
M.Phil.	0	0	0	6	0	0	3	8	0	17
PG	0	0	0	4	0	0	19	80	0	103
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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		Total
	0	0	0	0	0

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	626	3	0	0	629
	Female	682	1	0	0	683
	Others	0	0	0	0	0
PG	Male	58	0	0	1	59
	Female	249	0	0	0	249
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	3	1	0	0	4
	Female	23	0	0	0	23
	Others	0	0	0	0	0

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

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	50	52	65	66
	Female	59	68	82	69
	Others	0	0	0	0
ST	Male	0	1	4	6
	Female	2	3	2	0
	Others	0	0	0	0
OBC	Male	44	26	37	48
	Female	55	45	104	74
	Others	0	0	0	0
General	Male	422	417	435	547
	Female	589	586	637	738
	Others	0	0	0	0
Others	Male	15	20	24	15
	Female	42	29	61	48
	Others	0	0	0	0
Total		1278	1247	1451	1611

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Botany	View Document
Bpe	View Document
Bvoc	View Document
Chemistry	View Document
Commerce	View Document
Commerce Self	View Document
Computer Science	View Document
Economics	View Document
English And History	View Document
English Literature	View Document
Food Technology	View Document
Functional English	View Document
Geology And Environmental Science	View Document
History	View Document
Hotel Management And Catering Science	View Document
Library And Information Science	View Document
Malayalam	View Document
Mathematics	View Document
Physics	View Document
Psychology	View Document
Social Work	View Document
Statistics	View Document
Zoology	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The National Education Policy visualises the integral growth of students through a multidisciplinary/interdisciplinary manner by bridging the diverse fields of Science, Technology, Humanities, Language studies, Commerce,
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Environmental Studies etc. Under Choice Based Credit Semester System, all UG students are offered an Open Course from an entirely different programme. Some of the courses already offered are: Mathematics for Social Sciences, Non-Conventional Energy Sources, Chemistry in Daily Life, Economic Statistics, Management Principles in Sanskrit, and Introduction to Computers and Office Automation. The College plans to conduct more such courses to promote interdisciplinary studies. The College now has Vocational Programmes in Information Technology and Food Processing Technology. College has other programmes like BSc Food Technology, BSc Hotel Management and Catering Science, MSc Environmental Science etc. in line with Interdisciplinary programmes. In future, more such programmes like MSc Clinical Vocology, BSc in Statistical Economics etc are planned.

Interdisciplinary FIST Research Lab established in College is to foster more research in this area. The facilities are made use of the researchers in Chemistry, Physics, Zoology, Botany etc. Research Seed Money is now given for interdisciplinary projects. In future, more amounts will be allotted to such projects. Centre for Natural Resource Management established to promote research and studies in the field of Environmental Science, Geology and other allied subjects has the focus of multidisciplinary Research. Saviskara- Celebration of Inclusive Education will prompt more initiatives to identify educational problems related to differently-abled students. College has already conducted a number of events promoting social commitment spearheaded by NCC, NSS and Thavanish. Many research webinars have already been conducted in College in the areas of Nanoscience, Metamaterials, Differential Response of Type-1 interferons- Interdisciplinary Research. Seminars related to topics of Science and Spirituality, Science and Ethics have already been conducted by our faculty. Many more such programmes will be conducted in future. The College, being located in a semi-urban locality, has ample space for future infrastructural development and facilities for Interdisciplinary/Multidisciplinary Research is visualised in strategic plan 2030.

2. Academic bank of credits (ABC):

NEP envisaged the Academic Bank of Credits system for the benefit of students so that they may be able to

start or move on to courses offered in other institutes based on their creative judgement. System of Audit Courses, Open Courses, earning of Extra Credit for activities related to NCC, NSS etc, awarding of Grace marks for sports and cultural achievements in the University system can be the starting point of ABC. The College already has an Open Courseware system having more than 700 high quality videos. This is already open to students of other colleges and this could be a launching pad for the new concept of ABC. Audit Courses of the College have already been made available to the students of University of Calicut through OpenCourseware. The number of such videos are increasing day-by-day and by incorporating high quality videos with the help of our Alumni members, the Open Courseware system can become a full fledged learning system. The research articles and project thesis are stored in the D-Space Repository and this can be of immense help as a reference during the introduction of ABC. College already has a variety of UG (32) and PG (18) programmes. This will be a great help as an introductory step where students can try to switch to courses offered in the College itself. The College has signed MoUs with many institutes of similar status and this will definitely help to ease out any unforeseen legal issues during the implementation of ABC. The College is committed to the effective implementation of ABC once the National Academic Depository or ABC portal becomes functional. In its strategic plan 2030, the College has envisaged the effective implementation of NEP and is ready to move forward with the ABC scheme once it is made operational.

3. Skill development:

Christ College, located in a semi-urban background, has tried to incorporate skill based learning into curriculum, especially by focusing on the agrarian background in which the College is situated. The College has developed an Aquaponic unit which will be of huge benefit to the local community. This has also a training aspect where students are given formal introduction to the science of aquaponics. The Paper Recycling Unit established in the College, apart from being an environmental initiative, also provides part-time employment to students as a part of 'Earn while Learn' Project. Vermicompost unit is functional and has the advantage of providing organic manure made

available to the local people. The College has already commenced two Vocational Programmes: B Voc Information Technology and B Voc Food Processing Technology. The College also has a number of skill based programmes like BSc Food Technology, BSc Hotel Management and Catering Science, MSc Clinical Psychology. The College is planning to introduce more programmes of skill development in the near future. Interactive Light Board is indigenously developed and marketed by the College. The College has also produced a new Solar Dryer for agrarian use. The College has a vibrant Innovation Council and has already conducted a statewide competition for innovative project where more than 44 projects were presented. The College also has an Innovation Room for conducting ample research and to exhibit the findings. The College has an active ED club to promote entrepreneurship among the students. Homepreneurship club of Dept of Economics, has initiated the Youngpreneur Project to provide financial Assistance to build a profitable home-based business for its students. There are many more value added certificate programmes made available to students. Many have direct skill development objectives like: Hazard Analysis and Critical Control Points (Food Technology), Microsoft Office Specialist (Excel 2019), Android Programming, Data Analytics and Visualisation (Dept of CS), Equity Portfolio Management and Trading Strategie, Certificate Course on Excel for Business Decisions, Data Analysis using SPSS (Dept of Commerce), Business Analyst Certification Programme (Dept of Economics), Programming in Matlab (Dept of Mathematics), GIS and Remote Sensing (Dept of Geology and Environmental Science), Statistical Analysis using R (Dept of Statistics) Delf A1 programme is a Diploma in French studies. The College also conducts Government skill enhancement programmes such as WWS, ASAP etc. College is committed to take up opportunities available as per the Government of India's National Skills Qualification Framework (NSQF) and requirements of modern Industry. In its strategic plan, the College has included an action plan for the commencement of innovative and skill based programmes.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using

Christ College, located in a semi-urban background, has always placed high value in integrating Indian

online course):

knowledge systems in education. Located in Thrissur District, which is the cultural capital of Kerala, exactly at Irinjalakuda, known for its cultural hegemony in terms of temple arts like Kathakali, Koodiyattam etc. The College has always promoted the right integration of Indian system of learning within the present curriculum and in co-curricular activities. The mission of the College rightly states that the aim of education is to emancipate youth from the clutches of “Adharma” and “Ahamkara ” to true freedom and fraternity. Three Indian Languages are taught in the Campus, viz Malayalam, Hindi and Sanskrit. The College has an Oral History Archive stored in the D-space Repository by the Dept of History. It has a rare collection of indigenous Knowledge in Agriculture which includes early agricultural practices in Kannur district and anecdotes by women farmers, knowledge systems like medieval, practical knowledge on Blacksmith Technology, Indigenous knowledge in Treatment (Ayurveda), Oil Processing etc. It also has a good collection of ritual songs which include Koladi Pattu, Vanchi Pattu, Thiruvathira Pattu etc. This online platform is the right launching pad for the promotion of Indian Culture through online platforms. College library has a Jnana Udyan (Garden Library) to inculcate the spirit of Gurukula Education and Eco-friendly learning. The College regularly celebrates important days related to National integration and cultural significance. Special importance is given to the practice and propagation of Yoga. College has the following initiatives to inculcate the spirit of the Indian cultural system. “Nakshatra Vanam” where trees specific to the Malayalam stars are planted. “Shanthisthal” where endangered plants are nurtured “Miyawaki forest” to teach the students the importance of forestation. Christ College, situated in the epicentre of the Cultural Capital of Kerala, is ever ready to lead the integration process of the Indian system of education with modern scientific study.

5. Focus on Outcome based education (OBE):

In line with the spirit of NEP, Christ College already implemented OBE from the academic year 2019 onwards. Following important steps are taken in this regard. PEO, PO, PSO and CO are clearly stated which are in line with global standards with local and regional relevance and are given to all important stakeholders. The College has purchased software

deQ from IPSR for the effective mapping process and to calculate the attainment percentage. The College also has a QnSmart software for effective question paper setting in line with the different aspects of OBE. There is a well-studied Policy Statement titled Learning Outcomes-Establishment, Assessment And Attainment Process Manual which has comprehensively covered all important aspects of OBE. In line with the new trends emerging with regard to more effective implementation of OBE, College will revise the existing guidelines accordingly. Being located in a rural background, agro related subjects and techniques like vermicompost, aquaponics etc adopted in College will enhance the local relevance parameter in the OBE approach. Industry ready teaching-learning approach adopted in the College will gradually result in more enhanced collaboration with industry partners. Research related approach in conventional subjects will make research more locally relevant and community oriented. Programme specific objectives and targets visualised and followed with an effective evaluation process will make the OBE implementation a very successful practice. In short, Christ College is walking that extra mile for the effective implementation of OBE in all its aspects.

6. Distance education/online education:

In 2016 itself, the IQAC of the College formed an ICT team to promote online education and to integrate it with the conventional teaching- learning process. Thus, the College could easily sail over the turbulence of the Covid-19 pandemic due to the well established ICT integration and e-learning practices. All students and teachers are enrolled in Moodle LMS. The College ICT team is now equipped to conduct training on Moodle and other online learning resources for neighbouring educational institutions. Coaching for competitive exams like JAM, NET etc are given through Moodle LMS. Christ College configured its own opencourseware portal- Christ OpenCourseWare (<https://www.christopencourseware.com/>) and programs having all the four quadrants of MOOC education specified by UGC. Foundation courses introduced as a part of Bridge course training are provided in the above portal. A number of value-added courses are also available in the online mode. College has now two dedicated Youtube channels for

education with more than 700 high quality video lectures www.youtube.com/Christopencourseware www.youtube.com/Christopencoursewarebeta The D-Space Repository of College developed in the Library hosts a lot of documents and research theses. Oral History Archives developed by the Department of History has many important pieces of knowledge stored in audio mode. College already has a large collection of Audio books titled 'Sravyam' developed for students with visual impairment. As a part of the International Credit Transfer Scheme, students from Indonesian Universities have enrolled in Christ College for their study in selected courses of Functional English in online mode. Students of University of Zululand, South Africa are given coaching in Latex by our Dept of Statistics in online mode. The College has already commenced academic interaction with Foreign Universities. The College has made use of online platforms to connect to its Alumni base and have conducted a series of webinars whereby our present students are given a chance to interact with expert Alumni members. The enhanced number of webinars and E-collegiums conducted by different Departments show the skill acquired by the teachers in this regard. Many Indian and Foreign Universities have collaborated with us for the conduct of these webinars. The College already has conducted a national level FDP for teachers in PMMMNTT in association with GAD-TLC, New Delhi. It has already ventured into the blended learning scenario during Covid -19 pandemic by combining online and offline classes. Christ College, in the spirit of NEP, is already in the forefront of online learning and is ever ready to take up the emerging challenges of this new avenue.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
51	46	44	42	36
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 23

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4089	3752	3434	3338	3036
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
1263	1283	1140	1151	981
File Description		Document		
Institutional data in prescribed format		View Document		

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4055	3700	3428	3246	2213
File Description		Document		
Institutional data in prescribed format		View Document		

2.4

Number of revaluation applications year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	101

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
947	919	894	834	759
File Description		Document		
Institutional data in prescribed format		View Document		

3.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
40652	28203	30079	29846	24704
File Description		Document		
Institutional data in prescribed format		View Document		

4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
397	357	297	307	271
File Description		Document		
Institutional data in prescribed format		View Document		

4.3

Total number of classrooms and seminar halls

Response: 130

4.4

Total number of computers in the campus for academic purpose

Response: 611

4.5

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

2020-21	2019-20	2018-19	2017-18	2016-17
1005.59	1182.53	673.62	607.86	466.41

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Education at Christ College has always been student-centric right from its inception. The College has been keen to employ new pedagogical models and adopted Outcome Based Education which includes clearly stated PEO, PO, PSO and CO which are in line with global standards and are disseminated to all stakeholders.

- New programmes and value-added courses are designed based on the inputs from **alumni and employers**, in accordance with new trends in the industry and the needs of the nation and society.
- **E-Learning portal Christ OpenCourseWare** extensively reaches new learners from the College and other sections of society. Audit courses, value-added foundation courses and courses based on the syllabi are easily accessed by the entire student community.
- During the last five years, the College started **11 UG, 4 PG, 1 Ph.D. and 57 Value-added Certificate Programmes.**

Local Relevance

Christ College, located in a **semi-urban area** always tries to cater to the needs of the farming sector.

- The courses in B.Voc Food Processing Technology, B.Sc Food Technology and M.Sc Botany were adopted to add value to the **product of farmers** and to enhance productivity.
- In the wake of Malayalam being declared the official language by the State Government, Christ College started the certificate programme – **Malayalam For Media.**
- Social Work Dept has entered into tie ups with **Local Government Bodies** and has executed projects and field studies (Padiyur Panchayath - Flood Mapping, Malakapara Panchayath etc.).

Regional Relevance

- The recent **climate changes and natural calamities** like floods, mudslides, and drought were studied by M.Sc Applied Geology and M.Sc Environmental Science students.

- The certificate course in Remote Sensing and **GIS** ensures innovative solutions for a sustainable future.

National Relevance

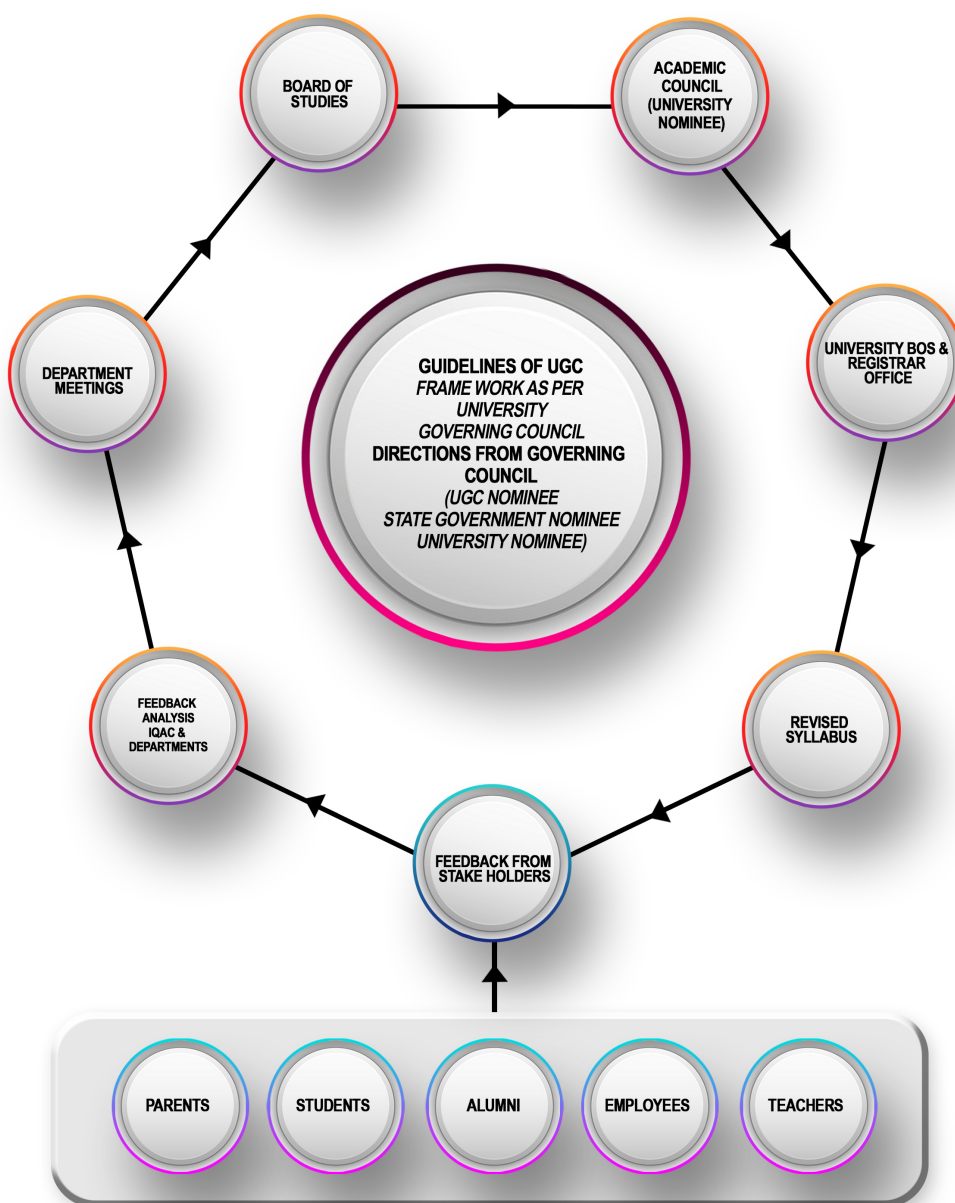
- The new programmes B.Com Taxation and B.Com Professional were adopted to prepare professionals needed for the effective **nationwide implementation of GST**.
- Newly designed certificate courses in Tally, Taxation, and Capital market help students to acquire skills needed for GST.
- B.Voc Information Technology with specialisation in Data Science and IoT was introduced to meet the needs of 'Digital India' and '**Make in India**' programmes of the Government of India.

Global Relevance

- Christ College has signed MoUs with the University of Zululand, **South Africa**, Leibniz Institute for Applied Geophysics, **Germany**, and Chartered Institute for Securities and Investment, **London** to introduce students to global standards of education.
- To improve the global relevance of the conventional courses, value-added courses Python programming, A1 Diploma in French, Android programming, and HACCP Level 3 (Approved by HABC-UK) for international careers in the Food Industry were started.
- The Internal Credit Transfer System was introduced and students from Indonesian Universities were enrolled for selected courses in Fundamental English Programme.



CURRICULUM DESIGN



Basic Science and Research

- Christ College has UG and PG programmes in all the fundamental basic sciences.
- To strengthen the knowledge-building process, the College has established research in six disciplines namely a) Physics b) Chemistry c) Zoology d) History e) Geology & Environmental Science and f) Commerce.

File Description	Document
Link for Additional Information	View Document

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 98

1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 50

1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 49

File Description	Document
Details of program syllabus revision in last 5 years(Data Template)	View Document
Link for Additional Information	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 98.04

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2020-21	2019-20	2018-19	2017-18	2016-17
956	908	856	816	735

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>Response: 54.38</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 1062</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 1953</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document
<p>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</p> <p>Response: 96.08</p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 49</p>	

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3 Curriculum Enrichment

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

Response:

Christ College, with the motto 'Jeevith Prabha', always incorporates issues related to Gender, Environment and Sustainability, and Human Values and Professional Ethics into the curriculum. There is a **total of 347 courses** offered as core and supporting courses to address these issues.

- The Audit Courses adopted in UG curriculum to incorporate these values are
 - Environmental Science
 - Disaster Management
 - Introduction to Human Rights
 - Gender Studies

These courses are mandatory and are offered online.

- Two value - added certificate courses which are mandatory are offered online to UG students.
 - Gender and Gender Equality
 - Power of Positivity

Apart from integration into curriculum, these issues are strategically envisioned in many of the programmes conducted by student clubs and organizations like NSS, CSA, and Women's Development Cell, Biodiversity Club, 'Thavanish', and Cycle Club.

Gender

- **75 courses** in curricula are related to gender sensitive issues.
- Policy to promote women athletes has resulted in their improved performance and in 2021, the College became **champions in the women's section** also, a first time achievement in the history of University of Calicut by a Co-Ed College.
- The Women's Development Cell conducts special lectures on gender related topics on various occasions.

Environment and Sustainability

- **111 courses** in curricula are related to environment and sustainability.
- The institution has installed a solar power plant of **170 KW** in association with KSEB and secured **Energy Conservation Award** from **Government of Kerala** in the year 2019.
- A project in association with the **Central Pollution Control Board** funded by National Green Tribunal, on the topic - Regeneration of Natural Drains Using Aeration and Microorganisms has been launched. NIT Calicut, Kerala and Municipal Corporation of Kozhikode are our collaborators.
- World Environment Day, International Ozone Day, and World Wetland Day are regularly conducted to create awareness and understanding about environmental issues.
- The flagship programmes of NSS namely 'Caring Nature' and 'Pen Drive' address the issue of plastic pollution.
- **Biodiversity Club** organizes events and seminars to promote the importance of varied life forms.
- **Cycle Club** instils awareness among students about the need for a healthy lifestyle.
- **Paper recycling unit** is established in the College to promote the philosophy of reuse and recycle.
- College campus is rich with new species of spiders and bees that were detected and reported in scientific journals.

Human Values

- **94 courses** in curricula are related to universal human values.
- The College has made **value education** mandatory and one hour per week is dedicated to it. Toppers are honoured in a common programme.
- **Saviskara**, an interaction programme with **differently-abled students**, is celebrated in campus to inculcate social sensitivity.

Professional Ethics

- **67 courses** in curricula are related to professional ethics.
- Topics related to professional ethics are included in student induction orientation programmes and in value education classes.
- **Industrial visits and internships** are made compulsory and experts are invited by Placement Cell to educate students about corporate ethics and standards.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Link for Additional Information	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 54

1.3.2.1 How many new value-added courses are added within the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
7	11	13	11	12

File Description	Document
List of value added courses (Data Template)	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 67.37

1.3.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2522	3293	2883	2241	1103

File Description	Document
List of students enrolled	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 31.3

1.3.4.1 Number of students undertaking field projects / internships / student projects

Response: 1280

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	View Document
Link for Additional Information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document
Link for Additional Information	View Document

1.4.2 The feedback system of the Institution comprises of the following :

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

File Description	Document
URL for stakeholder feedback report	View Document
Link for Additional Information	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 94.87

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

2020-21	2019-20	2018-19	2017-18	2016-17
1620	1458	1247	1283	1122

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1781	1586	1300	1332	1131

File Description

Document

Institutional data in prescribed format (Data Template)

[View Document](#)

Link for Additional Information

[View Document](#)

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

Response: 86.09

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

2020-21	2019-20	2018-19	2017-18	2016-17
333	324	237	273	236

File Description

Document

Institutional data in prescribed format

[View Document](#)

Link for Additional Information

[View Document](#)

2.2 Catering to Student Diversity

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

Response:

Christ College, Irinjalakuda, a learner's haven, has designed specific measures for the upliftment of students, depending on the diversity. The student-centric methods such as Outcome Based Education and Peer Group Learning serve as an umbrella for all these measures. The guidelines of the mentoring policy of Christ College, developed by the IQAC, give special attention to slow, middle, and advanced learners.

Assessment of Learning Levels

The learning levels of students are assessed through two methods: Direct and Indirect.

Direct Methods

- **Screening Test** – Every student who gets admission to the UG programme is assessed using the Screening Test developed by the IQAC. The test comprises three sections;

1. English language

2. Core subject

3. Psychometric test

- The test is conducted through Christ Moodle Learning Management System, an online platform. The students of each batch are classified as slow, medium, and fast learners based on the test results, and the lists are sent to the Chief Mentors for further processing.

- **Qualifying Exam Marks** – The percentage marks of qualifying exams are sent to Chief Mentors from IQAC Office. The Chief Mentor ranks the students according to the percentage of marks.

Indirect Methods

- **Student Induction Programme** ('Dheeksharambh') – The College conducts an Induction Programme for freshers in which the HOD/Programme Coordinator and the Chief Mentor interact with each student. From the individual interactions and the group discussions that follow, the Chief Mentor is able to know both the academic level and the family background of the students.

Classification

The Chief Mentor prepares the lists of slow, medium, and fast learners based on the results of the assessments, and Peer Learning Groups are formed comprising equal number of slow, medium, and advanced learners.

Continuous Evaluation

After every semester examination, the IQAC conducts result analysis, and ranks are reassigned. The relative progress of each student is sent to Chief Mentors for review.

Remedial Measures for Slow Learners

- Extra one hour mentoring every week per subject
- Assignments and solving of question papers
- **Counselling** - special hints and techniques
- **Student Support Programme (SSP)** of Government of Kerala
- **Group Learning Activity** - mix equal number of slow, medium, and fast learners
- **Vidyadhanam** - scholarship scheme is given to financially weaker students
- Interaction of Mentors with parents is arranged for periodic evaluation

Supportive System for Advanced Learners

- Advanced assignments or tasks are designed
- Encouraged to complete NPTEL and other Massive Open Online Courses like COURSERA, SWAYAM etc.
- Encouraged to participate in seminars, conferences, and technical events
- Assignments in model making/building
- **Walk With Scholar Programme (WWS)** of Government of Kerala is launched
- Industrial visits and industry sponsored internships
- Preparation and training of students for competitive examinations like JAM, GATE, NET
- Encouraging students to opt for research project and strive for publication
- Students are encouraged to get financial assistance from KSCSTE for research projects

- **Pragathi Samman** Scholarship, full tuition fee waiving scheme for talented students
- Encouraging students to appear for national and state level competitions

File Description	Document
Link for Additional Information	View Document

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

Response: 19.85

File Description	Document
Link for Additional Information	View Document

2.3 Teaching- Learning Process

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

Response:

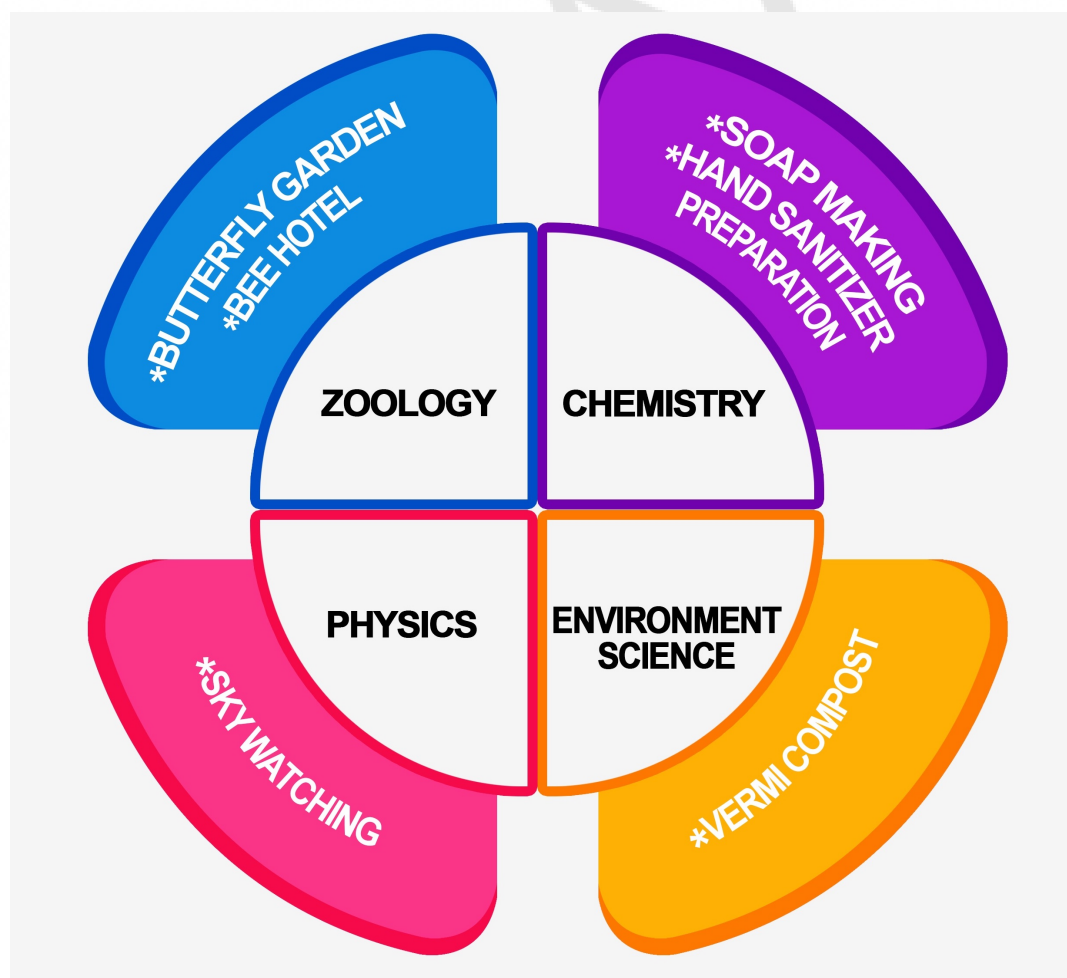
The teaching methods used in Christ College are adopted with the vision of catering to the diverse sections of learners. Teaching is carried out in accordance with the mission of the College to create a learning environment that nurtures exploration of various skills and critical thinking in the subject. This presents new opportunities in academics for strengthening the courses.

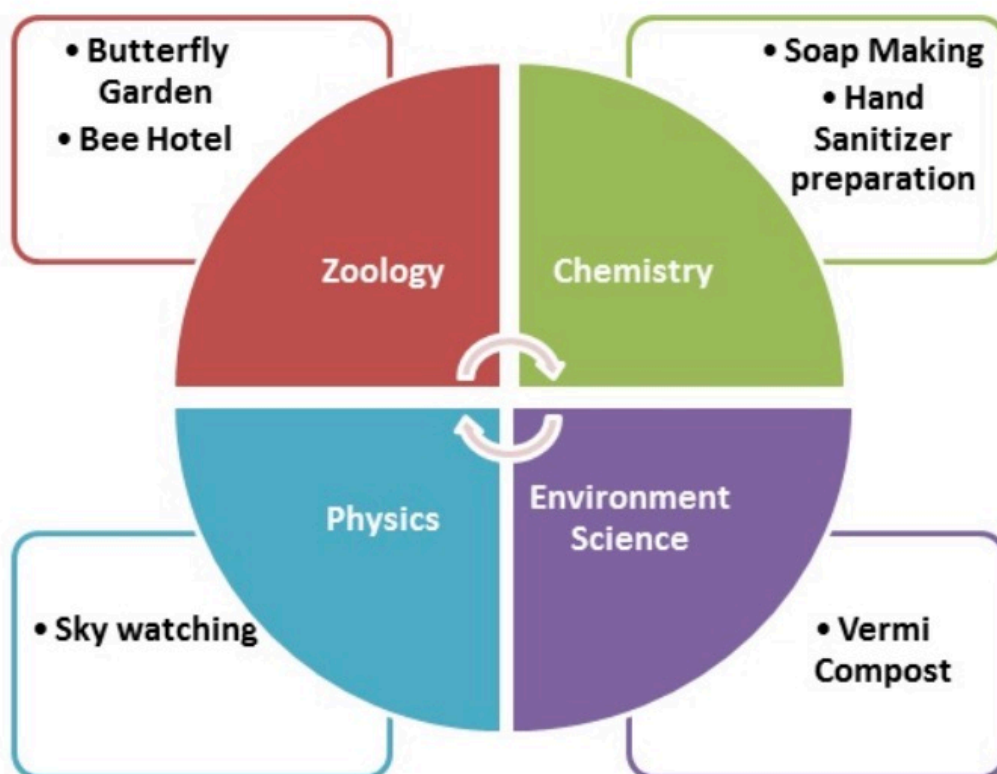
The highlights of the **student-centric methods** adopted are as follows:

- Provision for individual involvement in practicals or project work
- Peer-learning circles of fast learners assisting slow learners
- Roleplays
- Case studies
- Debates
- Quizzes
- Seminars

- Paper presentations
- Guided library work
- Special lecture programmes
- **Academic experts** from outside are invited by departments to share their expertise for the benefit of the academia.
- Our **alumni** drawn from industry and academic institutes of repute, supplement the teaching process by providing the information to bridge the gap between industry and academia.
- Provision of e-learning sources
- Internship programmes
- Conducting workshops/seminars/conferences/webinars

Experiential Learning





- This includes both individual and group experiential learning.
- Under **group experiential learning** system, a group of students are allotted to a faculty member who helps and guides them academically.
- Field and industry visits are organized by different departments to provide the students with live experiences of what they learn. Subject oriented extension programmes undertaken at the department level enable students to know the realities at the field level.
- In the science departments, weightage is given for practical courses which hone their skills and help them to acquire practical knowledge.

Participatory Learning

The lecture method is enriched with audio-visual presentations and handouts. Students are given the privilege of opting for courses of various add-on programmes and certificate courses conducted in embedded partial online mode (R-programming, Latex, Excel, Communicative English, etc.). This empowers them for the job market as well as for self-employment.

- **Laboratory sessions** with standard operating procedures facilitate hands-on training and self-learning for students of science streams.
- The **Language Lab** is accessed by students during specific hours to develop their communication skills.
- The **invited talks and workshops** enable students to have exposure to the latest trends and issues

in their chosen discipline, and also to learn the ways and means to handle them. These events are structured as follows:

- Association Sponsored Talks
- Endowment / Memorial Orations
- National / International Colloquia

Problem Solving

Some departments have case study analysis/problem-solving questions to be answered by the students. Students are taught to solve a problem/case study in each of the courses both in UG and PG programmes.

Christ College takes all efforts to provide an active learning atmosphere for the students.

- Inter-departmental collaborative activities like quiz, debate, film, and documentary making promote sharing of thoughts/knowledge among the students.
- Club activities develop leadership qualities in students and inculcate the spirit of teamwork among the students.
- Internet facility is provided to promote the self-learning skills of students.
- Support students to publish research articles in national and international journals.

File Description	Document
Link for Additional Information	View Document

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Christ College exhibits a phenomenal growth in the employment of communication technology, computer networks, and information technology and their integration in the teaching and learning process. The College has used the potential of Information Communication Technology (ICT) to transform the nature and process of teaching and learning environment/culture. The College has taken major initiatives in ICT education from 2017 onwards, which made possible an **easy transition to complete online education during the Covid times**. Education has outgrown the physical constraints of the classrooms. IQAC has taken several initiatives to upgrade the hardware and software for ICT-enabled education.

ICT Tools and In-house Online Resources

Hardware

Major ICT hardware used are

1. **Intelligent Interactive Panels** (used for online and offline classes, integrated with smart board, Intel PC, Wifi, and subject relevant software). These panels are used to record video lectures.
2. **Video laboratory** for the production of video tutorials with HD Camera, teleprompter, Chroma screen, Whiteboard and other accessories.
3. **Lightboard** introduced **first time in Kerala** for recording video in a professional manner.
4. **Audio laboratory** (*Sravyam*) for the production of audiobooks for the visually impaired.
5. Three **recording rooms** to broadcast live lectures and webinars.
6. **ICT enabled classrooms** with interactive panels, cameras, and wifi.

Software

ICT software used are

1. Learning Management System deployed in cloud: <http://lms.christci.in>. All the teachers and students are enrolled in moodle classrooms.
2. Christ College has its own **online learning portal** <http://christopencourseware.com> with all four quadrants for delivering the in-house generated MOOCs (Massive Open Online Courses) to students in and out of the College.
3. Open Broad Caster Software, Adobe Premiere Pro, Kdenlive, Handbrake, and Adobe Photoshop for recording and editing video tutorials.
4. Dedicated **YouTube channels** for broadcasting video tutorials for the benefit of students to learn at their pace and comfort.
5. **Language lab** of Orell Systems to engage students in Language classes - deployed in the cloud to be accessed from anywhere.
6. **College ERP, Linways** was used for attendance marking, examination mark entry, feedback process, etc.

Other Online Resources

- **NPTEL** - College is registered with NPTEL as a single point of contact. 890 students have enrolled in NPTEL.
- College engaged tie-up with EdX, the leading online educator. 442 students are enrolled in 1446 courses and 512 courses have been completed.
- College also engaged in tie up with Coursera during Covid pandemic. 34 students enrolled in 74 courses.

College was able to conduct a National Level Faculty Development Program on *Quality Science Education in India in the 21st Century* in association with Guru Angad Dev Teaching Learning Centre (GAD-TLC), MHRD under the PMMMNMTT which was attended by more than 200 teachers.

Christ College has introduced the students to a dynamic and **popular learning culture**, by exposing them to a wide range of ICT techniques. College has trained the students to work with a variety of ICT resources; learning to critically appraise information and resources; and making safe, productive, ethical and legal use of these resources a habit which was evident at the large number of webinars conducted during the lockdown period.

File Description	Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	View Document
Link for Additional Information	View Document

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

Response: 19.85

2.3.3.1 Number of mentors

Response: 206

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	View Document
Circulars pertaining to assigning mentors to mentees	View Document
Any additional information	View Document
Link for additional information	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

Christ College takes an utmost interest not only in scheduling academic events but also in executing them. Meticulous planning lies behind the academic and supportive activities including the programmes organized by student clubs. A **master plan for an academic year**, which includes the introduction of new programmes and syllabus change, is designed and approved in the previous year by the **Governing Council, Academic Council, and Boards of Studies**. The schedules for the BOS, Academic Council, and Governing Council meetings for the next academic year are also planned and strictly adhered to.

Preparation of Academic Calendar

Prior to the onset of the academic year, in the month of April, **IQAC drafts the Academic Calendar** in consultation with the office of **Controller of Examinations**. The dates of internal examinations and end semester examinations for the odd and even semesters are planned taking into consideration the number of teaching days obtained in between. Mandatory internal examinations are planned in the middle of the semester. The draft of the Academic Calendar is presented in the meeting of **Heads of the Departments** and finalized with suggestions from the members. After **approval from the College Council**, the detailed Academic Calendar is printed in the College handbook and Teachers' Diary and is also published in the College website.

Execution and Amendments, if Any

The **Vice-Principals, Deans, and Controller of Examinations** supervise the overall implementation. The changes in the Academic Calendar are usually done at the college council meeting after taking into consideration the circumstances warranting such changes.

Preparation of Teaching Plan and Course Plan

Teachers' diary (handbook) which consists of the Academic Calendar and examination schedule is used by the faculty to **prepare the teaching plan and record the daily activities**. The detailed teaching plan is approved by the Head of the Department. A detailed course plan is also prepared by teachers who engage in a particular course incorporating the schedule of assignments, seminars, quizzes, and other learning activities. The effective outcome of the teaching plan is assessed by the **Academic and Administrative Audit Committee** by visiting each department once a year.

Department-level Planning

Department level meetings are conducted at the beginning of the academic year to plan the department activities which include the conduct of seminars & workshops, training for **competitive examinations** (UGC/NET/JAM), certificate & skill development courses, and association activities. The schedule for seminars and workshops is intimated to IQAC and the Principal for the allotment of the venue. The schedule for certificate courses and training are intimated to the coordinator of certificate courses to plan the availability of computer labs.

Students Council (Union) and Club Activities

The action plan of each student club is prepared by students and the faculty- in charge at the beginning of the year. The schedule of the activities is presented to the **Vice-Principal at the Club Coordinators meeting** for approval. The Students' Council activities are planned immediately after the election to the Students' Council, with advice from the **Staff Advisor** and Principal.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4 Teacher Profile and Quality

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

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 31.24

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

2020-21	2019-20	2018-19	2017-18	2016-17
67	56	55	53	50

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Link for Additional Information	View Document

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

Response: 8.36

2.4.3.1 Total experience of full-time teachers

Response: 1723

File Description	Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 14.62

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
17.5	13.0	13.5	13.7	15.4

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Link for Additional Information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 5.76

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	101

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Response:

The examination system works according to the **Examination manual** approved by the Governing Council of the College, **University** of Calicut, and is updated frequently. Office of the Controller of Examinations (CoE), Pareeksha Bhavan, oversees the exam-related activities like exam announcement, registration, conduct, evaluation of answer scripts, publication of results, and forwarding of results to the university for the issue of provisional and degree certificates.

Examination Procedures

End Semester Examinations

- 1. Examination dates** - Prior to the academic year, the Academic Calendar, including **examination schedule is prepared jointly by IQAC and Pareeksha Bhavan**. It is discussed in HoDs meeting and after approval by the College Council is published in the College website and handbook.
- 2. Announcement and Online Registration** -Students are informed about end semester exams through notifications published nearly three weeks prior to the commencement of exams. The notification is displayed in the College website and students' notice board. It is also distributed through the Chief Mentors. Students then register and pay exam fees online.
- 3. Hall ticket generation** – After verification of the registration, hall tickets are issued online before three days of the exam, which the students can download.
- 4. Seating arrangement** – The exam hall seating arrangement is done using software that ensures the prevention of malpractice.

5. **Question paper generation** – Question papers are generated through the software and scrutinized by the subject expert ensuring secrecy and are sent to the Chief Exam Superintendent on the previous day and is stored in the strong room.
6. **Conduct of exams** – The Chief Exam Superintendent conducts the exams with the help of the administrative office, and returns the answer scripts with an absentee statement to Pareeksha Bhavan.
7. **False number system** – Student registration number is removed; false numbers are generated and the answer scripts are dispatched for evaluation.
8. **Evaluation** – The heads of the departments or program coordinators are appointed as the chairpersons and the answer scripts are sent to them for distribution to examiners.
9. **Mode of evaluation** - UG answer scripts are evaluated by internal examiner with supervision by the external examiner who revalues 20% of the answer scripts. PG answer scripts are subjected to double valuation - by both internal examiner and external examiner.
10. **Submission of marks** – The Chairperson after careful scrutiny enters the mark against the false numbers in the online portal using the login credentials to exam software console.
11. **Publication of results** - CoE processes the exam results through the software and publishes results in the exam pass board meeting. The published results are then uploaded to **students' login**, where students can view their results and download their personal copies.
12. **Issue of marksheet** - Utmost care is taken by College to provide security to the marksheet. Salient features like *UV hologram, micro text, pantograph etc.* are provided. Photograph of student is also printed in the marksheet for further credibility.
13. **Students' grievances** – If students are not satisfied with the end semester results, they have three options:
 - Scrutiny
 - Avail a copy of answer script
 - Revaluation
14. **Grace mark submission** – The applications and certificates of students are validated and eligible grace marks will be granted as per University rules. The recommendation will be forwarded to the CoE for the award of grace marks.
15. **Submission to University**: The final consolidated internal and external marks are submitted to University ERP system for further processing of certificates.
16. **Exam malpractice prevention committee** – To prevent malpractice a squad works under the exam malpractice committee. Students involved in malpractice will be summoned by the committee for hearing and reports on the issue will be sent to the CoE for taking action proposed by the

committee.

17. **Exam squad:** The squad visits the exam halls and reports to the CoE through Chief Superintendent.

Processes Integrating IT

All the exam processes enlisted above are integrated with IT. The College has purchased the **ERP software from Linways Technologies Ltd** which has the fully automated examination module. The advanced OBE-enabled **question paper generator software QnSMART** purchased from IPSR Solutions is used to generate question papers.

List of IT integrated exam processes

- Exam announcement and registration
- Hall ticket generation and distribution
- Examination hall seating arrangement
- Question paper generation
- Absentee statement
- False number system
- Submission of internal/external marks
- Processing and publication of grade cards
- Submission of grievances and grace mark applications

The Continuous Internal Assessment System

The internal assessment consists of test papers, attendance, seminars, and assignments. At least one internal exam per semester is mandatory for internal evaluation.

- The internal exams are conducted by the **Chief Examination Superintendent** with the help of administration office.
- Exams are conducted on pre-planned dates according to the examination schedule.
- Question papers are either manually prepared by the teachers or generated through software.
- After evaluation, answer sheets are distributed to students to check the fairness of evaluation.
- The consolidated internal marksheet consisting of marks of test paper, assignments, seminar, and

attendance is published in the department notice board.

- Grievance regarding internal marks should be forwarded to the internal marks grievance committee. The committee scrutinizes it and proposes the corrective actions if any.
- Marks are entered online by the teacher concerned after getting the approval from students.
- Christ College promotes more than one internal exam. In many departments, unit wise test papers are conducted. If more than one internal exam is conducted, the final marks are consolidated either taking the average of marks or the best performance with consent from students.
- The fairness of the internal evaluation system existing in Christ College is exemplary as evident from the student satisfaction survey.

Student Friendly Reforms

- **Additional exams** are conducted for students who could not appear for the final exam due to participation in University/ State/ National/ International competitions and NCC/NSS national level camps representing the College.
- **Emergency evaluation** of answer scripts of supplementary exams (fourth semester) to help the final year students to complete their requirements.
- In the light of **Covid-19 pandemic**, end semester examinations were conducted in sub-centers in all districts and Lakshadweep and out of state as per the request of students.

File Description	Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

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

Response:

Outcome Based Education was implemented in Christ College from the admission year 2019 onwards as per the directions from University Grants Commission and Kerala State Higher Education Council. Following steps were taken to initiate Outcome Based Learning.

- **Separate committee** to implement Outcome Based Education was formed by the Internal Quality Assurance Cell.

- **Workshops** were conducted in association with **KSHEC (Kerala State Higher Education Council)** and IPSR Ltd. on Blooms taxonomy, learning outcomes, and assessment procedures.
- The OBE committee framed **manual** for OBE assessment and attainment.

Statement of Learning Outcomes

- The OBE Committee in consultation with the Principal drafted **the Programme Learning Objectives** and sent it to the Governing Body.
- The **Governing Council** of the College, in consultation with stakeholders (Employers, Educationists & Parents), decides the Programme Learning Objectives and Programme Outcomes.
- **Head of the Department** convenes meeting with teachers, alumni & representatives from OBE Committee. Programme Specific Outcomes are decided in this meeting.
- Head of the Department (HoD) appoints **Course in Charge (CiC)** for each course. The course outcomes are prepared by CiC in consultation with Head of the Department and other teachers who handle the course, if any.
- The prepared Course Outcomes are discussed in OBE committee and modifications are done.
- The **mapping matrix** of Course Outcomes to Programme Outcomes and Programme Specific Outcomes are done by CiC in consultation with HoD and Course level CO-PO/PSO matrix is prepared.
- HoD collects all the CO-PO/PSO matrix of different courses for the programme and prepares the **Programme level CO-PO/PSO matrix**.
- HoD and OBE committee evaluate the matrices and identify the curriculum gap, if any. OBE committee recommends **co-curricular activities and contents beyond the syllabus** to satisfy the PO and PSO requirements.
- The CiC, HoD, and OBE committee consolidate the CO-PO/PSO attainment of the programme with additional components like invited talks, industrial visits, value added courses, NPTEL courses etc.

Publishing

- The Learning Outcomes are published in the **College website**.
- The PEOs and POs are published in **College Handbook (Diary)** and distributed to students and teachers.
- The learning outcomes are also published in the **digital repository (D-Space)** of Christ College.

Dissemination

- Prospective students can access the learning outcomes through **College website** and **institutional E-repository**.
- The PEOs and POs are described in detail to students enrolled during the student induction programme by the Principal during the formal address.
- The PSOs and COs are elaborated to students by HoD and class teachers during the student induction programme and also during the course introduction.
- Electronic copies of syllabus containing PSO and CO are distributed to students on their first day.
- The PSOs are displayed using stickers in the Department Office and Laboratories.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

The committee for Outcome Based Education has prepared the manual for assessment and calculation of attainment of Learning Outcomes. The Course Outcomes (CO), Programme Specific Outcomes (PSO), and Programme Outcomes (PO) are calculated using the appropriate rubrics and matrices. Finally, the Programme Educational Objectives are assessed. If attainment levels are not satisfactory, the whole process is examined and redefined.

Assessment and Calculation of Course Outcomes

The rubrics used for the measurement of Course Outcomes are 20 percentage by internal assessment and 80 percentage by external assessment.

Following eight parameters are used for CO assessment

1. Internal exam 1 - Compulsory - one per semester
2. Internal exam 2 - Non-compulsory - one per semester

3. Assignment-individual - Compulsory - one per semester
4. Group assignment and seminar -Non-compulsory - one per semester
5. Attendance - Daily - Compulsory - one per semester
6. Seminar - Non-compulsory - one per semester
7. Students Club activities - Non-compulsory - one per semester
8. Mini project - Non-compulsory - one per semester - one per year
9. Major project - Compulsory - one per programme
10. Comprehensive viva-internal - Non-compulsory - one per semester
11. Comprehensive viva-external - Non-compulsory - one per year
12. University exam (end semester) - Compulsory - one per semester

Five parameters are compulsory for all students. Remaining three can be selected upon choice.

Assessment of Programme Outcome and Programme Specific Outcome

The direct attainment of PO and PSO from CO is measured using CO to PO/PSO matrix.

Following parameters are utilized for indirect assessment of Learning Outcomes.

- Graduate exit survey
- Employer/Higher institute survey

The rubrics to calculate overall attainment is *overall attainment of PO/PSO = 80% of Direct + 20 % of Indirect.*

Assessment of Programme Educational Objectives

The Programme Educational Objectives are assessed using the following parameters

- Direct Assessment (80%)
 - Direct Evaluation of Program Outcomes (POs) of the concerned PEO (weightage 60%)
 - Placements (weightage 15 %)

- Higher Studies (weightage 5%)
- Indirect Assessment (weightage 20%)
 - Graduate Exit Survey (weightage 10%)
 - Alumni Survey (weightage 10%)

Attainment of Programme Educational Objectives

Finally, the average of all PEO is calculated to compare the attainment of PEO between different batches. If the overall attainment of Programme Educational Objectives is below 50%, necessary steps are taken by Governing Body to redefine PEOs. The PO, PSO, and CO are also redefined accordingly. The process is repeatedly checked and the planned objective is attained. The entire process works as a closed-loop where strategic planning, scientific evaluation and remedial and corrective steps are systematically taken.

File Description	Document
Link for Additional Information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 91.89

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1087

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 1183

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	View Document
Link for the annual report	View Document
Link for additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.29

File Description	Document
Upload database of all currently enrolled students	View Document
Link for any additional information	View Document

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

Christ College is dedicated to the promotion of scientific research and the propagation of new knowledge to society. New faculties appointed in the College come from renowned research institutes in their home country as well as abroad. Christ College is an established research centre leading to doctoral degree in the University of Calicut.

The College is a research centre for six disciplines.

1. Physics
2. Chemistry
3. Zoology
4. History
5. Geology and Environmental Science
6. Commerce

Incidentally, Dept of Physics of Christ College is the first research department established in an affiliated college in University of Calicut.

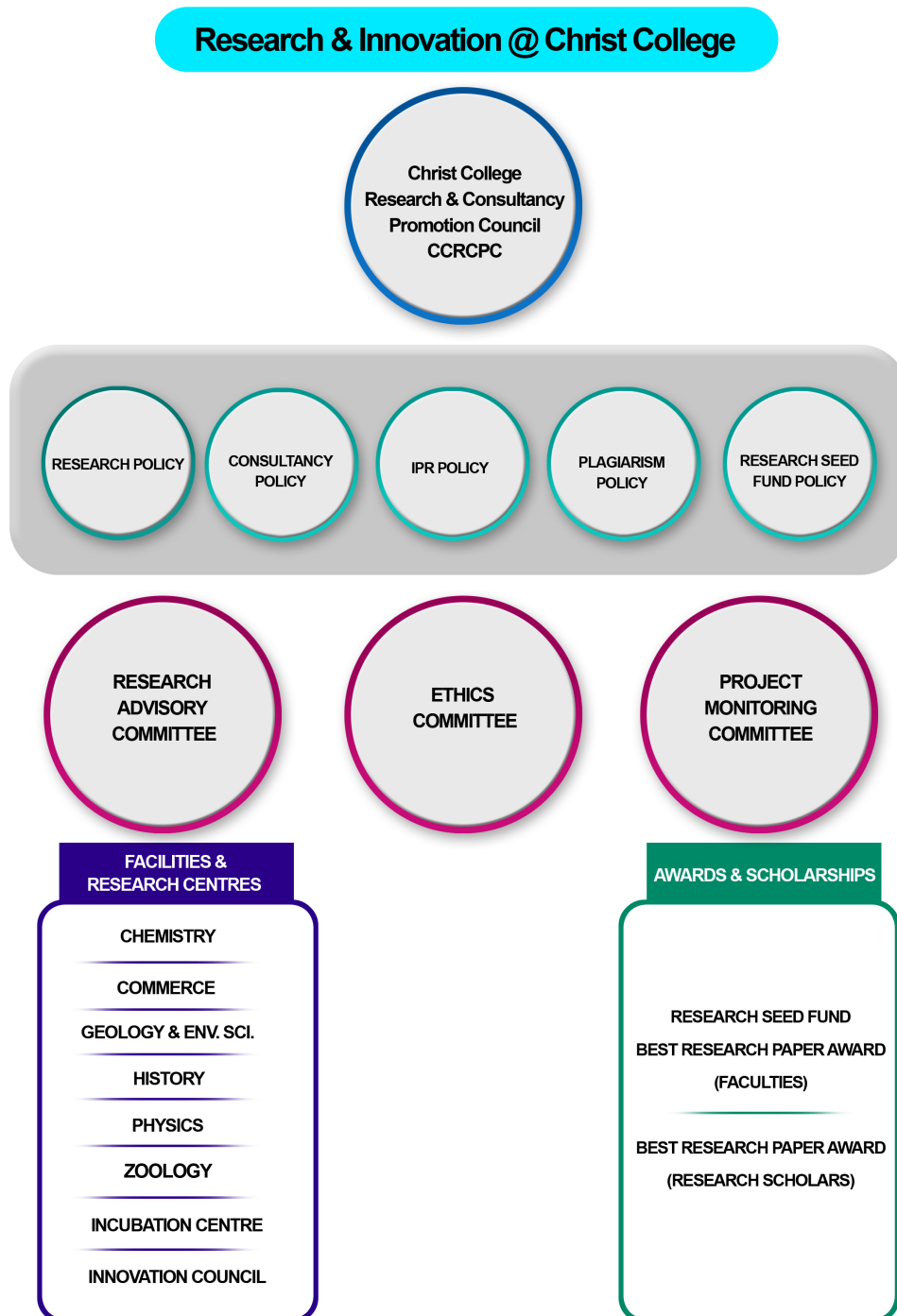
CCRCPC

The College has constituted a prime body to promote Research and Consultancy and to make the needed updates in research policy. **Christ College Research and Consultancy Promotion Council (CCRCPC)** thus established in 2019 is designed to promote research as one of the thrust areas of development.

Following steps were taken as a result of updating the research policy.

- Christ College extends **research services to postgraduate students of other institutions** by providing them the opportunity to conduct PG research projects.
- Christ College has formulated **a well-defined research policy** which is the umbrella of all research activities in the College.
- The policy gives the **guidelines** to select Christ College Research Fellowship and also the best research paper.

- The research promotion policy and the activities of CCRCPC has gradually changed the research culture of Christ College.



Milestones

- Presently 59 research scholars are working under 43 research guides (which includes faculties working at external research centres).

- Zoology Research Centre discovered **17 new species of animals** during the past five years and Geology and Environmental Science **1 new species**.
- Number of publications in UGC Care list/Web of Science & Scopus has **increased** from 18 (year 2016) to 46 (year 2020).
- College presently has **26 major equipment** (more than 2 lakhs) apart from workstations installed in the research departments.

Project Monitoring Committee under CCRCPC regularly updates the faculties about the funding opportunities of national funding agencies viz., DST-SERB, UGC, DBT, MoEF, FIST, STAR, SAARD etc as well as of international agencies.

CCRSF

College management has instituted a fund to be distributed annually to research guides of the institution under the title **Christ College Research Seed Fund (CCRSF)**.

CCRSF has three constituents

1. Research seed fund to research guides
2. Research seed fund to faculties of self-financing stream
3. Special research seed fund to procure instruments and to make substantial contribution in research.

CCRF

Christ College Research Fellowship (CCRF) is instituted for research scholars who do not have any other fellowships.

Other Research Promoting Initiatives

- To promote research publication, the College has instituted Fr. Vijayakumar Chethalan **best research publication award** to faculties and research scholars. This is awarded every year.
- The best research papers are **displayed** in College Library as well as in the Principal's office.
- Christ College has engaged in MoUs with **International Research institutions, Leibniz Institute of Applied Geophysics, Germany and Zululand University, South Africa**.
- The College Library and the Department of Library & Information Science provide the **plagiarism**

checking service with software Ouriginal.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
Any additional information	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 5.4

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
26.5	0.5	0	0	0

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document
Any additional information	View Document

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 1

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	3	5	1	0

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

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

Response: 223.14

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

2020-21	2019-20	2018-19	2017-18	2016-17
52.71	25.34	64.87	65.04	15.18

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by government and non-government	View Document
Any additional information	View Document

3.2.2 Percentage of teachers having research projects during the last five years

Response: 3.67

3.2.2.1 Number of teachers having research projects during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
6	11	8	4	4

File Description	Document
Names of teachers having research projects	View Document
Link for additional information	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 13.59

3.2.3.1 Number of teachers recognized as research guides

Response: 28

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Link for additional information	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 17.03

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

2020-21	2019-20	2018-19	2017-18	2016-17
4	5	5	3	4

3.2.4.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
25	25	25	24	24

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Paste link to funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

Christ College has created a very conducive atmosphere for promotion of research, entrepreneurship, community orientation and incubation and these activities are proposed, monitored and encouraged by Christ College Research and Consultancy Promotion Council (CCRCPC), Christ College Innovation Council (CCIC), and Entrepreneurship Development Club (ED Club).

Innovation Centres

- The College has established an Institutional Innovation Council named as **Christ College Innovation Council (CCIC)** as per the guidelines of MHRD to guide, motivate and promote innovative ideas among students. CCIC meets with experts in Industry/ Incubation Centre/ Patent/ Ecosystem Experts and design ideas, projects, start ups etc. as per the need of the time.
- CCIC in association with IQAC has developed and launched an **Interface Lightboard** and has sold it to nearby education institutions enabling them to make their own online/recorded classes more effective. This cost effective version is a creative contribution from CCIC in the education scenario in the Covid -19 times.
- Christ College has active innovation centres in the departments of Physics, Chemistry, Hotel Management and Catering Science, and Vocational Studies.
- The innovation Centre in the Department of Physics has taken initiative to give training on **solar lamps and in the manufacture of LED bulbs.**
- An efficient **solar dryer** was constructed with technical know-how developed by the Chemistry Innovation Centre which was distributed to villages under **Unnath Bharath Abhiyan Scheme.**
- Chemistry Innovation Centre also gave training to students on manufacture of soaps, detergents, pain balm to become successful entrepreneurs.
- Department of Hotel Management and Catering Science trains students to make delicacies and

conducts Cake Fest regularly. French Food Fest was conducted in association with Dept of French where students are trained in preparing **French Cuisine**.

Community Orientation

- **Taxonomy Study Centre of Zoology Department** gives training to budding scientists on taxonomical research.
- **Oral History Centre of History Department** collects and preserves oral archives from various parts of Kerala in digital format.
- The **R Data Centre of Department of Statistics** conducts data analysis for various stakeholders.
- **Water Testing Laboratory** of the College has conducted extensive water analysis and has played an important role in **checking the water purity** especially during flood affected years of 2018 and 2019.

Entrepreneurship

- The **Entrepreneurship Development Club** of the College (ED Club) is a registered organization working under the Department of Industries, Kerala Government.
- ED Club organizes **meetings and workshops** with successful entrepreneurs especially from the alumni.
- The **International Pigeon Expo** conducted by ED Club every year has become an attraction for pet industrialists of the area.
- PG Department of Commerce has its own **Commerce ED Club** which conducts programmes on marketing.
- **Homepreneurship Club** of Dept of Economics to promote home entrepreneurs.

Christ Incubation Centre

- College has recently established an **Incubation Centre** of 650 square feet carpet area to centralize the innovation activities.
- College has won **State Level Award of the Young Innovators Programme (YIP) 2020** for Novel Herbal Skin Medicine for Fungal Infection, Scaling, Foot Cracking and Dry Skin Diseases.
- Computer science department has spearheaded projects whereby new and interesting software are developed.

File Description	Document
Paste link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 59

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
43	7	2	5	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Link for additional information	View Document

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years

Response: 3.46

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 97

3.4.2.2 Number of teachers recognized as guides during the last five years

Response: 28

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

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

Response: 0.99

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
86	40	22	16	14

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

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 0.32

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

2020-21	2019-20	2018-19	2017-18	2016-17
20	10	8	15	4

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

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 3.07

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 9.5

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any additional information	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 56.85

3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
4.83	16.72	20.96	7.01	7.33

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View Document
Any additional information	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 78.92

3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
73.06	4.65	0.46	0.65	0.1

File Description	Document
List of training programmes, teachers and staff trained for undertaking consultancy	View Document
List of facilities and staff available for undertaking consultancy	View Document
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View Document
Any additional information	View Document

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

Christ College is keen to impart social sensitivity to the students for their holistic development. The College has five student associations/clubs which actively involve in social service activities.

1. Student Council
2. Thavanish
3. National Service Scheme
4. Unnath Bharath Abhiyan
5. Catholic Students Association

Student Council: Every year, the Student Council visits orphanages and organizes special events for them. The Student Council involved in relief activities during the flood in the year 2018. They coordinated the activities of distribution centre in the Christ College and the flood relief camps started in Christ College and Christ Vidyanikethan School.

Thavanish is the social service arm of Christ College which conducts extension services for the demarginalized sections of society.

- **One rupee challenge:** Every student of Christ College contributes to the social service by donating one rupee per day to the social service fund of Thavanish.
- **Onam kit:** Every year Thavanish distributes 'Onam kit' (A kit of essentials worth Rs. 500) to 400 poor families near to Christ College.
- **Medical aid:** Student volunteers of Thavanish collect medical aid and funds from philanthropists and well-wishers. Collected medical aid is distributed to needy in special functions which nurtures compassion among the students.
- **Saviskara:** Every year Thavanish conducts its flagship programme *Saviskara* - a two-day talent exhibition of differently-abled students from the nearby special schools. All students are encouraged to attend the programme and share time with invitees (differently-abled students). The programme gives an excellent opportunity for students of Christ College to mingle with them, which changes their social outlook.
- **Covid times:**
 - Thavanish distributed medical aid, Covid shields, disinfectant materials worth Rs. three lakhs to Irinjalakuda municipality and neighbouring panchayats.
 - Thavanish gave food kits to more than 1000 families during Covid-19 pandemic. Thavanish volunteers worked with Janamaithri Police Station, Irinjalakuda, Irinjalakuda Municipality, Panchayats of Irinjalakuda Constituency for the same.
 - Thavanish distributed mobile phones and TVs to students of Christ College and to the deserving students of Irinjalakuda Constituency.

National Service Scheme (NSS): The NSS units of College actively involved in social service projects. Six awards were bagged by our NSS units which are

1. Best NSS Programme Officer (2)
2. Best NSS Unit (2)
3. Best NSS Volunteer (2).

- **Sravyam:** Volunteers of NSS record audio books and distribute to visually challenged students through the library. Sravyam audio library is the first audio library in a college. Presently audio

materials of more than 600 hours are available in the digital repository.

Unnath Bharath Abhiyan (UBA): College has adopted five villages under UBA scheme. The UBA team conducted survey in the villages, and on the basis of survey distributed solar dryers to farmers.

Catholic Students Association (CSA): CSA volunteers regularly visit orphanages and destitute homes and celebrate special days with them.

Social Work Department: Social Work Department of the College oversees the extension activities and conducts its own extension services by conducting rural camps among tribal communities.

The extension activities have not only created a sense of empathy among students but also created many social entrepreneurs.

File Description	Document
Paste link for additional information	View Document

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

Response: 28

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

2020-21	2019-20	2018-19	2017-18	2016-17
12	6	6	2	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 137

3.6.3.1 Number of extension and outreach programs conducted by the institution through NSS/NCC,

Government and Government recognised bodies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
29	40	17	27	24

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 84.07

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
3314	3722	2468	2798	2562

File Description	Document
Reports of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 136.8

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student

exchange/ internship/ on –the-job training/ project work

2020-21	2019-20	2018-19	2017-18	2016-17
411	110	45	46	72

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)**Response: 51****3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
33	8	3	5	2

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document
Any additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The exemplary facilities and infrastructure in Christ College nurture the teaching-learning process and create a perfect ambience for students to achieve their dreams. The College regularly adds to and updates the physical facilities to state-of-the-art.

College Campus

The lush green serene campus of Christ College measures **47 acres** of elevated land. The geographical setting is such that there is no threat of flood and also ensures a good year-round breeze.

- **Buildings in the campus** are named as follows:
 - Administrative Block
 - St. Joseph's Block
 - St. Mary's Block
 - Mother Theresa Block
 - Mahatma Gandhi Block
 - St. Chavara Block
 - Little Flower Block
 - St. Sebastian Block
 - Snehabhavan Block
 - Padma Bhushan Fr. Gabriel Indoor Stadium Block
 - Guest Rooms
- The total built-up area of the College is 38096.12 sq. metres.

Classrooms

- **93** spacious classrooms for UG programmes with ample lighting and electric fans. All classrooms

are equipped with **LCD projectors** and speakers.

- 32 PG classrooms equipped with **Intelligent Interactive Panel**. Live streaming of classes is possible from these rooms.
- All UG and PG classrooms (125) equipped with **ICT facilities**.
- All the classrooms are wifi enabled with **internet speed 100 Mbps**.
- PG classrooms have Jefferson chairs and associated furniture.
- All classrooms have a teacher platform, podium, and white/blackboards.

Live Classrooms

- 6 classrooms with excellent facilities to record and live stream online classes.
- Video conferencing facilities are available in these live classrooms which are equipped with webcams, speakers, and wifi facility.

Laboratories

- 34 (UG, PG and research labs) well-equipped laboratories with state-of-the-art facilities.
- All laboratories have standard safety measures and effective management protocols.
- **Water Testing Lab** (Aqua Lab) open for the public
- **Zoology Museum** and **Geology Museum** for experiential learning
- **Incubation Room** to explore and exhibit new products
- **Common Instrumentation Lab** for interdisciplinary research

Computing Facilities

- **18 computer labs** equipped with full power backup.

Dept/Name of Computer Lab	No of Labs
Computer Science and IT	4
Fr Dismas Multimedia Hall (RUSA)	1
Commerce	1
GIS	1

Placement	1
Statistics	1
Physics	2
Internet Cafe	1
Research (Physics, Chemistry, Zoology, Commerce)	5
Snehabhavan	1
Total	18

Out of these, 9 Computer Labs are reserved for PG and research students of the College.

- Total 756 computers are available out of which 611 are for the use of students.
- Five high-end servers are installed in a dedicated server room with safety measures.
- All IT facilities are under Sophos XG430 SFOS 18.5.2 MR-2 Build380 Firewall protection.
- Linways software for admission, attendance, and for examinations.
- All students enrolled in LMS moodle.
- Well furnished Lecture Capturing Systems.
- Audio Visual Centre with mixing and editing facilities.

Seminar Halls

- Two centrally air-conditioned seminar halls with international standards
- Two well-furnished Conference Halls for video conference
- All Seminar/Conference Halls are equipped with Interactive panels, Wi-Fi and internet facility.

Green Campus Initiatives

- Butterfly Garden
- Bee Hotel
- Shanthisthal
- Centre for Aquaponics

- Vermicompost
- Paper Recycling Unit
- Miyawaki Forest
- Garden Library (*Jnanodyan*)
- Nakshatra Vanam
- Dragonfly Breeding
- Soldier fly Breeding

Other Facilities

- College has two amphitheatres for group activities
- Spacious Reprographic Centre

File Description	Document
Paste link for additional information	View Document

4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

Response:

Cultural Activities

There is excellent infrastructure in the College for the promotion of cultural activities. This has helped the College secure top positions in cultural events conducted in the University of Calicut.

- **Auditorium** has 1500 chairs with a good sound system consisting of an amplifier, Behringer (500W) with 6 speakers (100 W {2 nos.} & 200W {4 nos.}) with good lighting and electric fans. (Established in 1976)
- **Additional hall** in the auditorium for students to practice drama, skit, mime etc. (Established in 1976)
- **St. Chavara Multimedia Seminar Hall** with seating capacity 200 chairs, mike, amplifiers, speakers which is given to students in absence of official functions in the hall. (Established in 2000)

- The **Placement Multimedia Room** with a capacity of around 100 chairs in St. Joseph's block is used to screen documentaries and conduct film festivals. (Established in 2016)
- **Two Amphitheatres** used for conducting and practising cultural activities in the evening. (Established in 2016)
- College has **strategic points** like Main Entrance Road, Program Room in St. Sebastian Block etc. for conduct of cultural programmes.

Yoga

The College has taken all efforts to promote a culture of Yoga practice in the campus.

- College Auditorium is the venue for the **Yoga Day**.
- For daily yoga practice
 - The additional hall in the auditorium and Chavara seminar hall are used.
 - Common Yoga Open Hall in front of Fr. Jose Thekkan Seminar Hall
- Separate yoga sessions for girl students are conducted in the Ladies Fitness Centre. (Established in 2018)

Sports and Games

The College has excellent facilities for sports and games. This is reflected in the manifold achievements of the College at international and in national level. The College has repeatedly secured top positions in the University of Calicut.

No	Facility with Purpose	Area	Year	User Rate (average per day)
1	400 m Athletics standard track with gallery seating capacity of 15000	20832M ²	1974	200
2	Stadium pavilion	790M ²	2018	
3	Basketball courts (4Nos)(concrete & mud)	2951M ²	1999 & 2020	80
4	Cricket field	14400M ²	1976	30
5	Hockey field	5880M ²	2002	50

6	Football field	8470M ²	2014, (Renovation) 2012, 1957	50
7	Handball court (2 Nos)	2902M ²	2003	40
8	Volleyball court (4 Nos)	2414M ²	1956 & 2020 (Renovation)	40
9	Kho-kho and Kabaddi court (2 Nos)	700M ²	1976 & 2012	30
10	Indoor 10mts shooting range	140M ²	2011	15
11	Gymnastic hall	238M ²	1990	15
12	Mini Indoor Hall	472M ²	2007	30
13	Weight training hall (3 Nos)	452M ²	1990 & 2014	20
14	Indoor jumping pit High jump (3 Nos)	176M ²	2016	10
15	Synthetic Tennis court	819 M ²	2018	20
16	Table Tennis Board Room (hostel) (5)	187M ²	2015	15
17	Netball court	1092M ²	2018	25
18	Cricket nets	540M ²	1998	25
19	Indoor stadium (under construction)	3468M ²	2014	

File Description	Document
Paste link for additional information	View Document

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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 130

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

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

Response: 40.44

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

2020-21	2019-20	2018-19	2017-18	2016-17
412.14	400.80	387.81	150.62	209.68

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	View Document
Upload audited utilization statements	View Document
Link for any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

The College library has been the centre/hub place for disseminating knowledge and information since 1956. It is situated at the centre of the College in a two-storied building covering an area of 17000 sq. ft.

1. Stages of Automation:

1. Phase I: **Partial automation** process initiated in 1999.
2. Phase II: **Full automation using Book Magic LMS** introduced in 2012.
3. Phase III: Migration to **KOHA-ILMS** implemented in 2020.

4.Phase IV: Integrated LMS further **upgraded** to KOHA version 21.05.05.003 in 2021.

2. Nature of Automation: Fully Automated.

3. Infrastructure:

1. **The ground floor**, a commonplace with 300 seats provides ample space for general reading and reference with facilities including

1. Librarian's cabin
2. A/C Reference and Reading section
3. Audio library
4. RUSA funded Audio Lab for audio-book production
5. Digital library for UG students
6. Periodical section
7. Newspaper section
8. Reprographic section
9. New arrivals
10. Property counter

2. **First floor:** bookshelves are arranged subject-wise and are separated into different sections.

1. Research Hub for PG and research students
2. Audio-visual library cum conference hall
3. Digital Library for PG students
4. Bound volumes
5. Circulation section
6. Reprographic section

4. Library Committee:

- Six-member Library Advisory Committee, with the Principal as the Chairperson and Librarian as its convener, formulate the policies and their implementation. The committee

has six members including three members of faculty and one student representative.

5. Working Hours:

- On working days: 8.00 am to 5.00 pm
- On vacation days: 9.00 am to 4.00 pm

6. E-Resources (Online):

1. NLIST
2. DELNET
3. National Sugamya Pustakalaya
4. Pearson E-Library
5. DSpace@Christ Digital Library

7. Special Services:

- **Reference:** Fully air-conditioned reference section deals with the issue of question bank, back volume of journals, periodicals, and books. Apart from the general and subject reference books, career-oriented books for NET/JRF, CAT, MAT, G-MAT, C-MAT, PSC, UPSC, IIT Entrance, Bank Test, LIC, CA examinations etc. are also ready for reference.
- **Audio-Visual Library:** As a joint venture of PTA and Management, the Audio-visual library provides room for video conferencing, online lecturing and webinars.
- **Audio Lab:** An audio lab has been separately set up with the support of RUSA for the recording of audiobooks for visually impaired students.
- **Digital Library:** Having separate sections for UG and PG students, the digital library comprises 40 computers and uninterrupted internet.
- **In-house and remote access to e-resources**
- **Current Awareness Service:** New arrivals and relevant newspaper clippings are published both in the display shelf and in the library blog.
- **Online Question Bank:** Online search for previous years question papers can be done through Library Blog and DSpace Digital Library.
- **Plagiarism Check**

- **User Orientation and Awareness:** The librarian gives orientation classes to newcomers at the beginning of the academic year about the library rules, searching of books, usage of OPAC etc.
- **Reference Service** for users outside of the College
- **Reprography:** Reprographic facility is arranged at two places in the library.
- **Extension Activities:** The library conducts extension activities like national seminars, workshops etc.
- **Internship** for Library science students

8. Books and Physical Resources:

No	Item	Number
1	Books	75510
2	Journals and Periodicals	85
3	Archives	3500
4	Electronic resources (CD & DVDs)	1150
5	Audio Books	85
6	Theses and Projects/Dissertations	750

File Description	Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	View Document

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

Response: 8.49

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

2020-21	2019-20	2018-19	2017-18	2016-17
12.44	6.12	6.32	8.30	9.27

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 15.04

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

Response: 646

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

Response:

Christ College has provided updated IT facilities in the campus which include computing systems, servers, internet, and software. The institution always tries to upgrade the IT facilities to cope with the ever changing technological aspects.

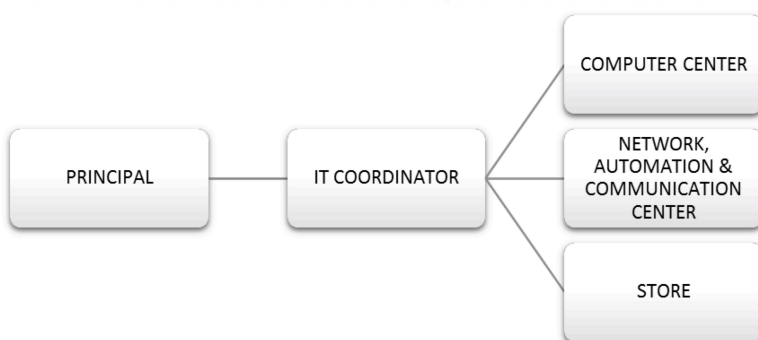
Policy

Christ College has developed its IT policy which safeguards the institution's commitment towards ICT education and e-governance.

Important areas covered in IT policy are following:

- Purchase of IT resources
- Operating systems
- Labeling and movement of IT resources
- Responsible use of IT resources
- Institutional mail ID
- Login and passwords
- College website
- Video surveillance
- Cybersecurity
- Complaints and redressal
- E-waste

Organogram for IT Support



- An IT Coordinator is appointed by the Principal.
- The three divisions operating under IT Coordinator are:
 - 1.Computer Centre
 - 2.Network, Automation, and Communication Centre
 - 3.Store

- IT policy clearly defines the responsibility of each member of the organogram.

Restriction: IT policy restricts the use of pirated, unauthorized software in computers of Christ College.

IT Facilities

- **52 Campus Wi-Fi access point with 100 Mbps** leased line connection with secured Vlan (22 Nos).
- **Cyber Security:** College has employed Sophos XG430 SFOS 18.5.2 MR-2 Build380 Firewall protection with secured VPN and VLAN for cyber security. **VPN is created and configured by the College IT Department.**
- **In-house hosting of Servers (6 Nos)** with 6 Public IPs provided by ISP for
 1. Website
 2. DSpace
 3. Moodle
 4. Koha
 5. Language Lab
 6. Question Bank
- **External Application Hosting**
 1. College ERP Linways Technologies
 2. Booking system for maintenance (Ticket Management System)
 3. Facility Management (hall booking) System
 4. Document Locker System
 5. Social Media website created and configured by IT Department for Alumni
 6. Appointment Scheduling System
 7. Campus Television
 8. Christ Communication System

- **Other IT Facilities**

- Gate Pass System
- College Announcement System
- Campus completely monitored by **24 X 7 Camera Surveillance**
- Intercom through IP PBX
- Covid special facility arranged for work from home using VPN

Budget and Updation (IT)

- **Process:** Budget is prepared under the leadership of Bursar with the help of Management Auditors. It is then presented before Christ College Educational Society and approved. Sufficient amount of money is allotted for IT augmentation and maintenance.
- **Criteria:** Updation of the IT facilities is based on the following factors:
 1. Academic excellence
 2. Efficiency and speed factor in IT related usages
 3. Security concerns
 4. Social Commitment (addressing the concerns of poor students)
 5. Transparency in IT usage
 6. Better coordination between departments and different Students Support Systems
- **Estimated Amount:** Allocated budget amount and actual expenditure for IT related augmentation and maintenance is as follows

Year	Budget Allotted (in Lakhs)	Actual amount spent
2020-21	40,00,000	4642367
2019-20	20,00,000	2089747
2018-19	25,00,000	24,35,987
2017-18	16,50,000	16,47,100
2016-17	9,50,000	9,30,540
Total	1,11,00,000	1,17,45,741

File Description	Document
Paste link for additional information	View Document

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

Response: 6.69

File Description	Document
Upload any additional information	View Document
Student - computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution.

Response: 750 MBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Link for Additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 25.8

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

2020-21	2019-20	2018-19	2017-18	2016-17
450.68	214.13	75.47	123.59	161.03

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

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

Response:

All infrastructure pertaining to physical, academic and support facilities at Christ College is utilised effectively and maintained regularly to ensure that they are of maximum benefit to the students as well as for teaching and non-teaching staff. The procedures and policies are established, published and communicated to the stakeholders and reviewed periodically.

E-portal for Effective Utilisation (E-Governance)

1. Seminar Hall, Auditorium, and Labs

- **Support Booking System (SBS)** - The College has established an e-booking system for the seminar halls, auditoriums, and computer laboratories through the College website.
 - HODs / Programme Coordinators and Club Coordinators can book the halls using the system for seminars, workshops, and meetings. The booking is recorded in the system with an email intimation to IQAC Office and the Principal.
 - Additional facilities like extra mike, display boards etc. can also be booked using this system.
 - The Principal may approve the request and a confirmation email will be sent to the person concerned.
 - The bookings are recorded automatically in the calendar so that the stakeholders can

know about the availability.

- **Effectiveness of the SBS**

- It avoids multiple bookings of the same venue.
- It helps to plan an event based on the availability of halls.
- It gives information to administrative staff about the event.

- **Outcome**

- **Effective and optimal utilisation** of all the seminar halls and computer laboratories.
- Enhanced the number of online and offline programmes conducted in the College

2. ICT – E - Learning Facilities

- College has E- Learning facilities which includes Zoom video conference, video recording facility, video editing facility and audio recording facility.
 - The facilities are booked with the corresponding authorities on a first come first serve and need basis.
 - The Zoom video conference and video recording/editing are booked through the ICT Coordinator.
 - The audio recording facility is booked at the office of the Librarian.

3. Appointment Booking Portal

- The College has an **Appointment Booking Portal** where prior appointments can be booked.
- Appointment with Principal and Finance Officer can be made through this portal.

E-portal for Regular Maintenance (E - Governance)

- The College has established a support centre - '**Christ College Support Centre**' through which stakeholders can alert the management on the maintenance of computers and accessories.
- **Procedure:**
 - Stakeholders can login and **raise a ticket** through the system. Email alerts will be sent to the College Bursar/Finance Officer and the technicians.

- The Finance Officer takes immediate steps for maintenance or replacement by **giving instructions to the technicians.**
- Stakeholders can also **view the status** of their ticket. Once completed, they receive a confirmation message as well.

General Maintenance

- **Procedure:**

- Heads of the Departments report the requirements of repairs and maintenance to the Vice-Principal.
- After getting approval from the College Principal, the Vice-Principal directs the supervisor for repair/maintenance.
- The records are maintained in the Maintenance Register with the Vice-Principal.
- Some requirements are collectively processed at the end of every academic year so as to keep things ready for the next academic year.

Facilities and Procedures

1. Laboratory and Instrumentation Facilities

- The requirements of repair/maintenance are intimated by the teacher-in-charge to their respective Head of the Department.
- The Head of the Department intimates the vendors of the instruments for repair/maintenance with the consent of the Vice-Principal.
- Repair and maintenance which involve heavy works are intimated to the Vice-Principal for general maintenance.

2. Hostels and Accompanying Facilities

- The requirement for repair/maintenance may be either raised by inmates during the General Body Meeting or noticed by hostel wardens and supporting staff of hostels.
- The hostel warden with the consent of the Principal takes the necessary steps to carry out the repair/maintenance work.
- Repair and maintenance which involve construction works are intimated to the Vice-Principal for general maintenance.

3. Security and Parking

- Students, teaching staff, and non-teaching staff wear identity cards in the College campus.
- All visitors are required to report at the college gate and collect an entry pass which is countersigned by the College authority and is to be returned on exit.
- The discipline committee ensures that students do not drive vehicles inside the campus.

4. College Canteen

- The Principal constitutes the canteen committee at the beginning of the academic year. The committee finds the vendor through the authorised procedure.
- The canteen committee checks for any anomaly in the quality of food or price and reports to the Principal.

5. Library Facilities

- Heads of the Departments in consultation with member staff finalise the list of books required for every academic year and submit it to the Principal.
- After the approval from the Principal, it is forwarded to the librarian.
- The librarian forwards the list to the Purchase Committee along with the list of vendors.
- Books purchased are submitted to the library.
- The use of other facilities is controlled by the rules of the library.
- The repair/maintenance of computers in the library is done by computer technicians.

6. Sports Facilities

- After admission, selection trials for college sports teams are conducted for students.
- The Athletic Stadium, Football Stadium, Gymnasium, Ladies Workout Room etc. are sometimes given to external agencies (including University, Sports Council) with the permission of Principal.
- Coaches intimate the HODs about the requirement of maintenance work.
- Repair and maintenance which involve construction works are intimated to the Vice-Principal for general maintenance.

7. Other General Facilities

- **College guest rooms:** These are made available as per advance booking.
- Annual checking of **electrical equipment:** Electrical wing conducts safety maintenance.
- Periodical cleaning of **solar panels:** For better efficiency, solar panels are periodically cleaned.
- Basic **carpentry** and maintenance workshop: Furniture works are done in the campus itself. Plumbing works are done by the Maintenance Team.

File Description	Document
Paste link for additional information	View Document

MAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 34.55

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
1244	1298	1155	1099	1250

File Description	Document
upload self attested letter with the list of students sanctioned scholarships	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document

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

Response: 15.66

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
825	619	450	465	443

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships besides government schemes in last 5 years	View Document
Institutional data in prescribed format	View Document

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 99.67

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

2020-21	2019-20	2018-19	2017-18	2016-17
4049	3942	3646	3539	2492

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The institution adopts the following for 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 any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

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

Response: 8.18

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

2020-21	2019-20	2018-19	2017-18	2016-17
136	99	119	50	75

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).

Response: 27.95

5.2.2.1 Number of outgoing student progressing to higher education.

Response: 353

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

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

Response: 87.46

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

2020-21	2019-20	2018-19	2017-18	2016-17
80	66	32	19	6

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

2020-21	2019-20	2018-19	2017-18	2016-17
84	69	35	20	10

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

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

Response: 786

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

2020-21	2019-20	2018-19	2017-18	2016-17
100	198	224	175	89

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Christ College has two prominent bodies through which students involve in the administrative and academic activities.

- 1.Student Council (Union)
- 2.Students' IQAC.

Student Council

- The vibrant Student Council of the College gives **efficient leadership to students** to involve in the matters of the College.
- It **works with the Management and Staff** to create a conducive atmosphere.
- The Student Council ensures that all student activities and interactions on the campus are conducted in keeping with the **culture and norms of the College**.
- It assists all **Clubs and Committees** on the campus in the conduct of various activities.

- The suggestions of the Student Council are given **maximum consideration** during decision making in matters pertaining to daily affairs, examinations, sports, and cultural activities.

Election of the Student Council

- Representatives from each class are selected via election to the **College Parliament**. The College follows the guidelines of the Lyngdoh Commission Report in the conduct of elections. This allows students to have an **experience of the democratic election process**.
- The following members are elected to the College Students' Union.
 - Chairperson
 - Vice Chairperson (Female)
 - General Secretary
 - Joint Secretary (Female)
 - Fine Arts Secretary
 - General Captain
 - Student Editor
 - University Union Councillors (2)
- Once elected, the Student Council acts impartially for the common good of students under the guidance of a **Staff Advisor** appointed by the Principal. The Principal also appoints two teachers as **Fine Arts Coordinators**.
- The major activities of the Student Council include:
 - Coordinating **curricular, co-curricular, and extracurricular activities** for the student community within and outside the College.
 - **Celebrating major festivals** and days of national/international importance.
 - Conducting **medical camps** and extending charitable and community services.
 - The Fine Arts Secretary gives leadership in organizing **cultural activities**, especially intercollegiate fine arts competitions.
 - The General Captain takes leadership in conducting intramural **sports activities**, and

university level sports competitions.

- The **College Magazine** is prepared under the leadership of the Student Editor with guidance from Staff Editors.
- The Students' Council rose to the occasion by acting as volunteers during the flood and Covid relief activities in the distribution centre.

Student IQAC (SIQAC)

The student wing of IQAC comprises a vibrant group of students who work closely with the IQAC. **Feedback and suggestions from SIQAC** are the driving force in implementing student-centric quality initiatives by the institution. SIQAC students get a chance to be **part of decision making**. The primary aim of SIQAC is to develop within students a culture of **responsible involvement** in the decision-making process and dissemination of instructions from IQAC to the student community.

The main activities of SIQAC are:

- Collection of feedback from students
- Providing a help desk for student login and NPTEL registration
- Helping in the preparation of audiobooks for the visually impaired
- Collection of monthly news

There are student representatives in the Management Advisory Committee, IQAC, Women's Cell, Disability Cell and Library Advisory Committee.

- At present the College has 24 students' clubs which function under the guidance and supervision of staff coordinators, with leadership by students, thus facilitating their growth into responsible citizens.

File Description	Document
Paste link for Additional Information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 23.8

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
26	36	22	20	15

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Number of sports and cultural events / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

Christ College is very strong in the arena of alumni activities. An alumni association with the name **Old Students Association** (OSA) has been functioning from 1960. The alumni association was officially registered as a charitable trust in the year 2019 (138/1V/19 IJK), under Government of Kerala with the new name **Christ College Irinjalakuda Alumni Association**. This Association is founded with a view to maintain contact with the alumni and to cultivate in them a sense of belonging to the Alma Mater.

The main objectives are to

- Foster, maintain, and support a mutually **beneficial relationship between the alumni and Christ College community**.
- **Assist in the growth** of the academic, administrative, cultural, and extracurricular activities of the College.
- **Provide scholarships and endowments** to deserving students.
- Conduct **alumni talks** and other programmes for the benefit of students.
- Support the College in construction and renovation of student facilities.

The second Saturday of March is celebrated as **Alumni Day** every year and the Annual General Body meeting of the association is conducted. All departments also conduct separate alumni gatherings. Online

global alumni meet is conducted on December 26 every year.

Financial Support

During the period 2016-21, significant contributions were made by the alumni towards

- **Construction of Padma Bhushan Fr. Gabriel Centenary Indoor Stadium** – Alumni members introduced the idea and the construction is in progress.
- **Construction of Fr. Jose Thekkan Memorial Tennis Court**
- **Endowments** – The alumni contributed more than fifteen lakhs to institute endowments for students. The notable endowments include
 - **Dr. Jose Chazhookkaran** (Chemistry alumnus, first batch of B.Sc Chemistry) instituted endowment for students of M.Sc Chemistry worth Rs. 15 lakhs.
 - Alumni of **Department of Commerce** instituted endowments for **all subjects** in the B.Com Programme.
- Physics, Chemistry, Commerce division of Alumni Association contributed magnanimously towards establishment and renovation of laboratories.

Administrative Support

- Our alumni are members of the College **Academic Council, IQAC, Boards of Studies, and PTA** and contribute in the decision-making processes for quality improvement.

Academic Support

Alumni talks are conducted by Alumni Association of the College in collaboration with departments and clubs. Many departments conduct Alumni Lecture Series every year among which the prominent are

- **Christalline Lecture Series** by the Department of Geology & Environmental Science
- **Physics Lecture Series** by the Department of Physics
- **Motivational lectures** are conducted by departments in which distinguished alumni are the resource persons.

Other Alumni Meetings

- **NOVA – NSS Old Volunteers Association** - is a rare alumni gathering in which the old NSS

volunteers meet every second Saturday in December and celebrate their memories with the current NSS volunteers.

- **Football Alumni Meet** – The football team of Christ College has its own alumni association. The gathering is conducted every year during the semifinals of **All Kerala Kandamkulathy Football Tournament** under the leadership of the Department of Physical Education.
- The **All Kerala Volleyball Tournament** for the OSA (Old Students Association) trophy is conducted annually in March by the Alumni Association.

File Description	Document
Link for additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: A. ? 15 Lakhs

File Description	Document
Link for additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

The motto of Christ College **Jeevith Prabha** means *Light of Life*. The vision and mission of the College flow flawlessly from the top level of governance to the lowest level which reflects effective leadership. The vision and mission of the institution is in tune with the educational vision of St. Chavara, the founder of CMI congregation.

Vision

To mould an enlightened generation by developing the potential of individuals through quality higher education and moral value inculcation

Mission

- To impart quality education, imbued with Indian ethos and enriched with universal values
- To mould our youth as intellectually competent, psychologically integrated and morally upright social beings
- To train them as responsible citizens of our nation who champion the cause of justice, love, truth and peace
- To emancipate them from the clutches of *adharma* and *ahamkara* to true freedom and fraternity

Christ College has adopted a participatory model of Good Governance in tune with the vision and mission, which is evident in the organogram of the College.

Christ College Educational Society

Apex body of the College which meets at least **twice a year** to discuss prominent matters that provide effective leadership in guiding the College.

Management Governing Council

Statutory advisory body which meets **once a year** for discussion of the strategic areas of the College

Autonomous Governing Council

Statutory decision-making body which meets **twice a year** to a) discuss the prominent matters related to

academic activities and to b) approve/disapprove major decisions from Academic Council.

Academic Council

Governs the academic functioning, **meets periodically**, and looks into the curriculum design, introduction of new programmes/ courses and analyse the proposals of the BoS of different Departments.

Board of Studies

- Decides the curriculum and the pedagogic practices
- Meets **twice a year** for discussions and decisions on curriculum

Core Committee

- The Advisory Body headed by the Principal, includes Vice-Principals, Deans, Controller of Examinations, IQAC Co-ordinator and Finance Officer (Bursar).
- Meets in case of requirement to decide on important matters in emergencies.

College Council

- Assesses the routine activities of the College
- Meets **once in two months** or whenever required

Finance Committee

- Looks into the financial matters of the College
- Meets at least once in a year

HoDs/ Programme Coordinators

Strengthen the culture of academic excellence by rendering ardent support to students and teachers.

Student Council, Alumni, and PTA

Consultations are carried out with Student Council, Alumni, and PTA

IQAC

Statutory committee which plans and institutionalises the quality initiatives of the College incorporating stakeholder's feedback

Perspective Plans

- College strategic plan 2021-2030 prepared in reverse engineering mode by consultation with Alumni, Teachers, Students, Parents and Administrative Staff - which creates a participatory involvement of stakeholders in decision-making processes
- IQAC conducts incidental surveys among students, teachers, and alumni to get suggestions, which are sent to the Principal for further deliberations.

Participation of Teachers

- Teachers are **nominated and elected to decision-making bodies** which involve in developing and implementing various policies and procedures.
- College Council and department meetings are held regularly to get creative suggestions from teachers.

File Description	Document
Link for additional information	View Document

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

Response:

Christ College adopts decentralization and participative management in its daily operations. The well-defined **organogram** enables the leadership to interact with all stakeholders effectively.

- **Christ College Educational Society:** The apex decision making body
- **Management Governing Body:** Offer creative suggestions for the further development of the College
- **Autonomous Governing Council:** Takes leadership regarding the academic matters of the College
- **Academic Council:** It is responsible for the design of curriculum, and feasibility of new programmes
- **Board of Studies of Various Departments:** BOS are responsible for framing the syllabi by taking the feedback from stakeholders

- **College Council:** It consists of HODs and elected staff members involved in government fund utilization, disciplinary matters and formation of committees on special occasions.
- **Department Meetings:** HODs and teachers of the department take decisions pertaining to daily affairs of the programme.
- **IQAC:** IQAC plans and institutionalizes the quality initiatives of the College incorporating stakeholders' feedback.
- Consultations are carried out with **Student Council, Alumni and Parent Teacher Association.**

NAAC

Decentralisation and Participative management



Case Study: Introduction of New BVoc Programmes Background

UGC called for proposals from Colleges to start new skill oriented vocational courses.

Process of Implementation

Leadership level 1: Principal discussed the UGC notification in the Management Governing Body. The matter was referred to Christ College Educational Society, which requested the Principal to make a feasibility study.

Decentralization Level 1: Principal formed a committee to study the feasibility and selection of the new programmes. The committee included UGC Coordinator, IQAC Coordinator, and Dean of Science. The committee conducted several sittings with HODs, collected feedback from alumni and made a list of courses. The proposal was submitted to the Principal in the feasibility committee meeting.

Participative Management- Level 1:

The proposal was discussed in the College Council Meeting. The College Council suggested selecting Vocational courses in Food Processing Technology and Information Technology with IoT and Data Science as specialization. College Council also delegated the feasibility committee to prepare the syllabi in detail. The feasibility committee is re-constituted by including the HODs of Departments of Computer Science, Food Technology, and Librarian.

Participative Management- Level 2:

The BoS members of Computer Science and Food Technology framed the syllabus. The feasibility committee arranged discussion with industrial experts. All teachers are members of BoS. The syllabi were framed compiling the suggestions from all stakeholders. The syllabi were approved by the respective BoS.

Decentralization Level 2: The framed BVoc syllabi were submitted in the Academic Council. The syllabi were accepted with minor revisions and were forwarded to the Governing Council for approval.

Leadership Level 2: The proposal was approved in the Governing Council. The syllabi were sent to the University. The proposal was sent to UGC for the selection process. The process was reported in Christ College Educational Society, which discussed the proposals for establishing the needed infrastructure.

Decentralization Level 3: The HODs in consultation with College Bursar, UGC nodal officer and Librarian established the laboratories, purchased required books and a new department was established.

Outcomes

Two BVoc courses were started successfully with state-of-the-art laboratories and other peripherals.

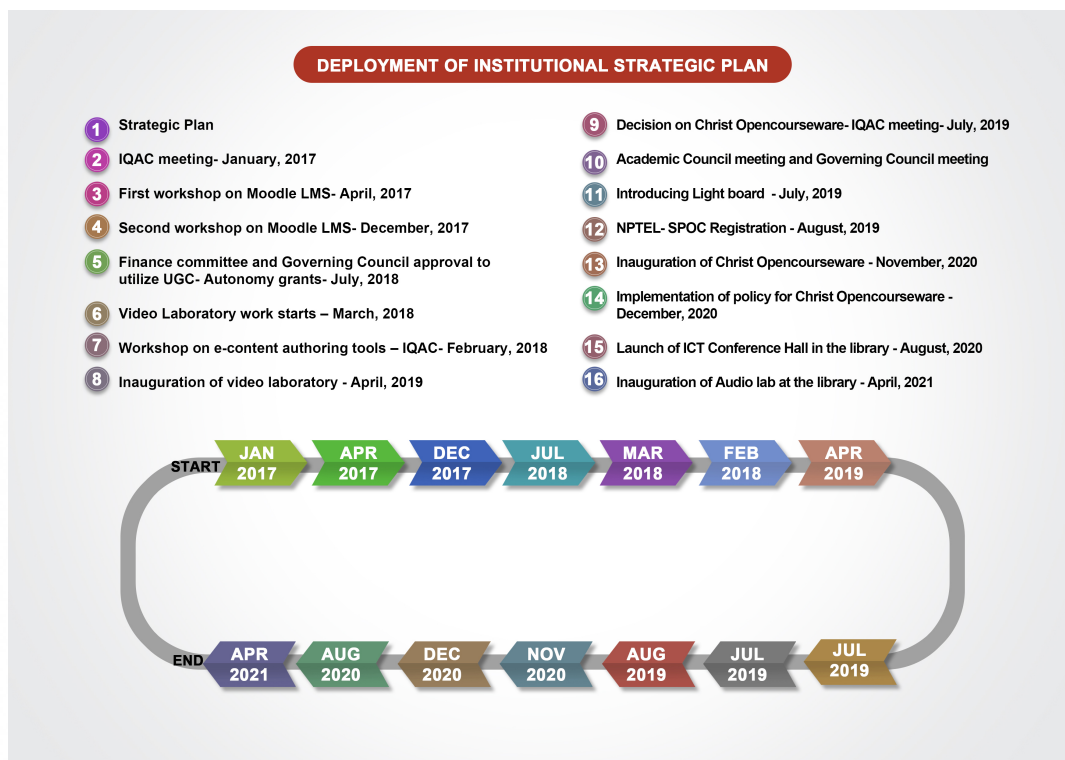
File Description	Document
Link for strategic plan and deployment documents on the website	View Document
Link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The institutional strategic plan of Christ College is developed after SWOC analysis through IQAC and formulated after consultation with all the stakeholders. The primary goal of the strategic plan is to become an institution of academic excellence with inclusiveness as the cornerstone.



Activity Implemented: Online Education and E-Content Development

The need for online education and e-content development gained much importance during the Covid-19 pandemic period. Christ College was ready to face the situation as the College had already implemented ICT education through the strategic deployment of the institutional strategy formulated in 2017.

Implementation

1. Decision Processes

- The **proposal from IQAC** was discussed in the Academic Council and was included in the strategic plan.
- The finance committee and **Governing Council** approved the utilization of UGC Autonomous Grants for development of necessary infrastructure.
- The Management Governing Body proposed the above initiative to **Christ College Educational Society**, which adopted the above initiative.

2. Faculty Development

- Faculty empowering activities were implemented by IQAC through a **series of workshops**.
- Six workshops were conducted on Moodle LMS, e - content development, lecture capturing systems and recording and editing video tutorials.

3. Infrastructure and Hardware

- **Two dedicated e-content development** centres were established under the leadership of IQAC.
- The **Learning Management System** was installed in the cloud and later transferred to a dedicated server with firewall protection.
- Software for opencourseware was developed with external support and deployed in the cloud.
- **Audio laboratory** to develop e-contents for the visually impaired was installed in the Library.

Timeline of Major Events

- Statement of requirement: IQAC meeting - January, 2017
- First workshop on Moodle LMS - April, 2017
- Second workshop on Moodle LMS - December, 2017
- Finance committee and Governing Council approval to utilize UGC Autonomy Grants - 2018
- Video laboratory work starts - 2018
- Workshop on e-content authoring tools - IQAC - February, 2018
- Inauguration of video laboratory - April, 2019
- Decision on Christ Opencourseware - IQAC meeting- 2019, Academic Council meeting and Governing Council meeting
- Introducing Light board - July, 2019
- NPTEL- SPOC Registration - August, 2019
- Inauguration of Christ Opencourseware - November, 2020

- Implementation of policy for Christ Opencourseware - December, 2020
- Launch of ICT Conference Hall in the library - August, 2020
- Inauguration of Audio Lab in the library - April, 2021

Evidence of Success

- The implementation of ICT enabled education helped the College to **overcome the pandemic related difficulties** with much ease.
- The **Opencourseware portal with 31 MOOCs** is used by Christ college students and also by students of other colleges.
- The College now has a **fully functional e-content development centre** to address the pedagogical requirements of the rapidly changing academic world.
- In addition to this, the college has an e-content development centre/conference room at the library and also an audio library to facilitate the differently-abled students.
- The College has successfully **marketed the Light Board to other schools** and education centres.

Conclusion

The strategic plan on ICT education developed by participatory involvement of stakeholders was successfully deployed and implemented.

File Description	Document
Link for Strategic Plan and deployment documents on the website	View Document
Link for additional information	View Document

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

Response:

An effective and efficient organization structure is created to implement the policies of the College.

- College has a **well-defined organogram** in which all the organization bodies are listed.
- Appointment of staff is done as per the regulations of UGC, University, and Government.

- **Manual of office procedures** are adopted for the efficient functioning of the College office.

Apex Bodies (Governing, Leadership, Management)

- **Christ College Educational Society** is the supreme body, which adopts the policies and directions in which the college is moving ahead.
- **The Management Governing Body** is an advisory body constituted under the Manager with representatives of local society for efficient functioning of the College.
- **Autonomous Governing Council** established under the guidelines of UGC oversees all the academic activities.

Role of Principal

- Principal is the administrative as well as the academic head of the institution. He is assisted by Vice-Principals, Deans, HODs, Director, Coordinator, Club coordinators and all Committee Conveners.

Academic Bodies (Teaching, Learning, and Evaluation)

- **Academic Council** shoulders the responsibility of the academic affairs related to new programmes and courses.
- **Board of Studies (BoS)** deals with syllabi framing/modifications and course contents.
- **The Examination Committee headed by the Controller of Examination** and his office are responsible for the conduction, evaluation, and publication of exams and results.

Administrative Bodies (Infrastructure and Learning Resources)

- **College Council** constituted under the guidelines of the Govt. of Kerala to address the daily administrative matters of the campus.
- **Internal Quality Assurance Cell (IQAC)** plays a vital role in making the College a center of excellence by institutionalizing the quality parameters envisioned by UGC and NAAC.
- The **Finance Committee** designs the budget for each academic year and monitors the expenditure.
- The **College Office** functions under the leadership of the Superintendent as per office manual.
- **Library Committee** constituted to foster the efficient functioning of Library.

Research Bodies (Research, Innovation, and Extension)

- **Christ College Research and Consultancy Promotion Council (CCRCPC)** works under the research nodal officer and supervises and monitors all activities related to research and consultancy.
- **Research Assessment Committees (RAC)** - Every research department has an RAC which oversees the research progress of research scholars.
- **Ethics Committee** - Committee to check plagiarism and other ethical concerns of research
- **College Innovation Council** - Promotes innovation activities

Student Support Bodies (Student Support and Progression)

- **Students IQAC** - plays a vital role in assisting IQAC and communicating the voice of students to IQAC.
- **Anit-Ragging Committee** - takes every possible steps to prevent the ragging on the campus and in the hostels.
- **Anti-Sexual Harrassment Committee** - promotes gender justice
- **Placement Cell and Career Council** - takes steps to promote placement, internships and helps students to clear competitive exams
- **Mithra (Counselling Platform)** - promotes mental health
- **Other Auxiliary Bodies** - Alumni association, PTA, student clubs and grievance bodies function efficiently for the welfare of the students.

Enviro-friendly and Inclusive Education Bodies (Student Support and Progression)

- **Thavanish** - spearheads Inclusive education programs
- **Enviro-club, Bhoomithra Sena, Biodiversity Club** - coordinates environment-friendly activities

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

6.2.3 Implementation of e-governance in areas of operation

1. Administration

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

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
ERP (Enterprise Resource Planning) Document	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression

Response:

Christ College has undertaken various measures for the welfare and also for the career development of the staff. Such measures have created a **family atmosphere** for the teaching and non-teaching staff. The college has maintained a low attrition rate and many staff come back to College for temporary employment after retirement.

Medical

- **Maternity leave** for teaching and non-teaching staff
- **Medical leave** for teaching and non-teaching staff

Education

- **Educational assistance (fee concession)** for deserving children of staff
- **Admission preference** is given to the children of the staff for admission in Christ College, based on the management policy.
- **Special leave** permission for staff members for completing PhD
- **Endowments/Scholarships** are awarded to the children of the staff.

Financial Incentives

- **Provident fund facility** for staff
- **ESI facility** for those who fall under the prescribed salary limits
- **Annual salary increments** for staff
- **Two-month vacation allowance** is given to the self-financing teaching staff who complete two or more academic years of service and continue at Christ College
- **One-month vacation allowance** is given to that self-financing staff who complete one academic year and continue at Christ College
- **Financial support** for attending professional development programmes
- **Financial support** for attaining membership in various professional bodies
- **Subsidized canteen facilities** are provided for all the staff members
- **Financial support** for training programs useful for consultancy and counselling
- **Salary advance** is given for teaching faculty in case of delay of salary from Government.

Financial Assistance

- **Advance amount** was provided for the purchase of laptops.

Teachers' Club

- **Financial assistance** for annual tours
- **Celebration** of special days
- Special appreciation for teachers who secure **PhD** and have win notable **awards**

Administrative Staff Club

- **Yearly tour** - for recreation of administrative staff
- **Celebration** of special occasions

Research and Publication Assistance

- **Research seed money** is provided for deserving teaching staff based on the project submitted and approved by the committee.

- **Publication assistance funding** provided to staff of Christ College to publish in UGC care listed journals

Infrastructure

- **Hostel facility for teachers** - for gents and lady teachers.
- **Academic amenities** like a full-fledged computer lab, library resources with online databases for the academic development of the staff
- **Ladies' fitness centre-** to enhance the physical and mental wellbeing of women staff
- **Open gymnasium and games facility** for teaching and non-teaching staff
- **Common room** for ladies
- **Adequate parking facility and identity stickers** for vehicles
- **Filtered drinking water facility**
- **24/7 free internet** facility with 100 Mbps speed
- **The college auditorium** is provided for staff family functions if needed.
- **Email addresses** - facility to use the domain name of the institution was provided to all staff
- **Uniform** for service staff

File Description	Document
Link for additional information	View Document

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

Response: 50.65

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

2020-21	2019-20	2018-19	2017-18	2016-17
81	204	93	56	32

File Description	Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

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

Response: 10.8

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

2020-21	2019-20	2018-19	2017-18	2016-17
29	9	8	6	2

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

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

Response: 30.25

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
135	69	45	23	16

File Description	Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Christ College has established a sound financial and accounting system by instilling an effective mechanism of internal controls. For smooth functioning and effective auditing, the College now has three accounting entities which are:

- Christ College Educational Society Accounts: All major transactions of College
- Christ College Education and Charitable Society Accounts: GST related matters
- Christ College Alumni Association Trust Accounts: Alumni related accounts

The College has a systematic mechanism for internal and external financial audit. Auditing of accounts of the College is conducted regularly by competent authorities in two phases as mentioned below:

- Internal Audit Mechanism of the College.
- External Audit by the Zonal Deputy Directorate of Collegiate Education, Thrissur and the Office of the Accountant General.

Internal Audit Mechanism of the College

Internal audit in the college happens at two stages;

1. Internal Audit by the Management

- Accounts relating to Management funds are audited every year by internal auditors of CMI Devamatha Province after the end of financial year.

2. Statutory Audit by Firm of Chartered Accountants

- This audit is conducted once in a year by a registered firm of chartered accountants.
- College has entrusted internal audits to TIJ & Associates, Ranil and Associates and Krishnakumar and Co.
- Books of accounts are audited by the firm to get a fair view of affairs of the College.

- Firm compiles audit report and the same is submitted to the Principal and Society of the College.
- The Finance and Resource Mobilisation Committee take corrective measures based on the report, if required.
- The accounting system of the College is enriched based on the internal auditors' report.
- The accounts up to financial year 2020-21 are audited by the firm and no major objections were raised therein.
- **Major areas covered are:**
 - Income and expenditure statement
 - Payments and receipts
 - Verification of assets and liabilities and
 - Statutory payments and filing of required returns

External Audit

- The government aided funds are subjected to Government Audit.
- These accounts are externally audited by Government Auditors from the Deputy Directorate and Office of the AG, Kerala.
- Government auditors assess the true and fair view of the state of affairs of the Government funded Projects/Programmes and register their opinion on the handling of books of accounts and records.
- The departmental audit of the accounts up to is conducted by the Deputy Directorate of Collegiate Education, Thrissur and no major objections were raised during the external audit.
- **Funds covered under the external audit are:**
 - Principal Deposit Account (PD Account)
 - Autonomy Grants from UGC
 - Any other funds from Government

Audit Objection Redressal Mechanism

The internal and external audits are undertaken annually, and the auditor's reports are presented before the Principal of the College with points for discussion and clarification. The audit objections are addressed by the Finance and Resource Mobilisation Committee and timely and proper clarifications are made to settle the audit objections.

File Description	Document
Link for additional information	View Document

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

Response: 1067.77

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

2020-21	2019-20	2018-19	2017-18	2016-17
338.64	296.01	193.80	161.44	77.88

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Annual statements of accounts	View Document
Link for additional information	View Document

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

Response:

The College has established well defined policy and procedure for mobilization of funds and its effective utilization. The main **objectives** of the policy are

- To ensure **growth of the institution** in a planned and time bound manner
- Effective **utilization of resources** to suit the vision and mission of the college
- Identify the **sources of funds** and list down priorities
- **Strategic planning** at regular intervals for mobilizing, allocating, utilizing, and monitoring of

resources and their utilization

The policy covers four sections, which are

- Identifying income resources
- Division of resources
- Planning and execution methodology and
- Review and audit of the funds

1. Identifying Income Resources: Main income resources of the College

- Funding from Government sources (RUSA, DST, KSCSTE, Autonomy Grant, SSP, WWS, ASAP, MP/MLA Fund etc)
- Students fees
- Alumni contributions
- Overhead from research grants
- Fund from consultancy services
- Fund from corporate trainings
- PTA
- Philanthropists and well-wishers
- Staff contribution
- Students (One rupee One Life Project: Collection of One Rupee One Day from all students to be utilized for charity and community programs through Thavanish, the social organization of Christ College).
- Vidyadhanam Project (started to support the poor and needy students coming from rural background)
- Endowments established from wellwishers, staff, alumni, retired staff, sponsors
- Grant-in-Aid from Government

2. Division of Resources: Main areas where the resources are to be divided

- New infrastructure development and infrastructure maintenance
- Student support (scholarships and free ships)
- Research Promotion schemes (Seed money and Other incentives)
- Salary
- Extension activities
- Cultural and academic activities
- Sports promotion activities
- Library expenses
- Examination expenses
- Autonomy expenses

3. Planning and Execution

- Every department submits their requirements to the **Bursar Office** and the Finance advisory body of Management prepares the Annual budget of the management funds.
- The **College Finance Committee** plans the budget allocations (from Government) and submits at the College Council meeting. The College Council reviews the proposals and takes the decisions.
- The plans for utilization of autonomous grants are approved by the **Governing Council**.
- The **Consolidated Budget Statement** of total funds expected in a financial year is charted with the help of the Chief Finance Officer.
- Execution of allocated funds are made by the Bursar office and the Head Accountant.

4. Review and Audit of the Funds

- The College has established mechanisms for reviewing the financial expenses and proper utilization through internal and external audits.

1. Funds sanctioned by Government/UGC and other funding agencies

- Chartered Accountant Auditing - After getting audited by Chartered Accountant, the report along with the utilization certificate are submitted to the fund sanctioning agency.

- Annual auditing by Directorate of Collegiate Education (DCE)-Audit team from DCE inspects the accounts of Government/UGC funded grants.
- Accountant General, Kerala-The Accountant General, Kerala also conducts their periodic verification of all the Government accounts.

2. Funds sanctioned by College Management

- Statutory auditing of Christ College Educational Society, Christ College Education and Charitable Society, Alumni Association Trust
- Management audit conducted by Management. Their suggestions are incorporated in the further utilization of the funds.

File Description	Document
Link for additional information	View Document

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 visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

IQAC has taken strenuous efforts in institutionalizing quality strategies in the institution. Apart from the regular mandates, IQAC has established unique activities in the institution.

Practice 1- ICT in Education

The ICT activities for efficient Teaching and Learning were started in the academic year 2016-17. This helped in the smooth transition to complete online education during the Covid pandemic. Six faculty development programmes were conducted in the past five years which were instrumental in transforming the College to 100% ICT-enabled educational institution. College utilized **UGC Autonomous Grants** to establish recording studio and lecture capturing systems.

1. Moodle Learning Management System - Established in May 2017

- **All students and teachers are enrolled in Moodle** from the year 2018 onwards.

- Regular courses are conducted by enrolling students' batch-wise.
- Placement training programmes, UGC/NET coaching (English, Mathematics and Zoology) and JAM coaching (Physics & Chemistry) were conducted in the Learning Management System.
- All course modules of **National FDP conducted in association with GAD-TLC, New Delhi (PMMMNTT Scheme)** were disseminated through Moodle LMS, which was appreciated by the collaborators and faculties.

2. Christ OpenCourseWare (Education Portal Open Education Resource) - Established in June 2019

- **First open education resource portal** in the State of Kerala, working under Creative Commons License
- **MOOCs with four quadrants** a) Video lectures b) Lecture notes c) Practice questions and d) Discussion with mentor
- Audit courses are utilized by the **students of other colleges of Calicut University.**
- 5 value added foundation courses and 26 subject courses are disseminated through Christ OpenCourseWare.
- **Two dedicated YouTube channels with 700 high quality video lectures.**

3. NPTEL & COURSERA

- The College is a nodal agency for NPTEL (SPOC 2917) and Coursera from 2019 onwards.
- 397 students completed 1099 courses from Coursera
- 41 students got certified from NPTEL

Practice 2- Bridging the Gap - Value Added Courses in Linkage with Industries and Other HEIs

The previous accreditation report had mentioned the need of linkages to enhance the teaching-learning process. IQAC spearheaded the introduction of value-added certificate courses in the College. Several meetings were conducted with external experts to start the linkages.

- IQAC drafted the College policy for value-added courses and this was approved by the Academic and Governing Council.
- Faculties are encouraged to get certified and become resource persons.

- **Seven teachers got certified in Microsoft Excel** on 14th July 2018 which was started in partnership with Strategist Services, Cochin.
- The official inauguration of the industry-linked value-added courses was done on 23 October 2018. **Fifteen value-added courses** were started initially out of which six were in partnership with leading certification agencies. Major partnerships are with
 - ICT Academy of Kerala
 - Tally ERP
 - CISI, London
 - RedHat Academy
 - IPSR Solutions Limited
 - TCS
 - Star Innovations
 - Nexus Academy, Thrissur
 - Pan Environ, Cochin
 - Natsol Consultance, Kolkata
 - Finmark, Cochin
 - Network Systems, Thrissur
 - Elm Institute of Business Studies, Bangalore
- The College is now an official testing centre for
 - Certiport certification for MOS certification
 - RedHat Academy for Linux certifications
 - Tally for Tally ACE certifications
- The French certificate course DELF is officially recognized by **French Government**.

File Description	Document
Link for additional information	View Document

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

Response:

Two core areas of IQAC interventions for reformation of teaching-learning process are:

- Beyond Screening Test Procedure (BSTP)
- Continuous Evaluation System (CES)

Beyond Screening Test Procedure (BSTP)

IQAC has designed methods to assess the learning level (incoming student quality) of first year students. Special measures to cater the needs of students of different levels are then adopted.

1. Screening Test

- Screening based on **qualifying exam marks** (2011 onwards)
- **Online screening test** in Moodle LMS to assess the knowledge and skills of students (2019 onwards)
- All first-year students **enrolled in the Moodle LMS** for screening test
- Three tests to check the proficiency of students
 - **English Test** (Grammar and Basic Communication Skills)
 - **Psychometric Test** (Verbal, Analytical and Reasoning abilities)
 - **Core subject** opted by the student.
- Class teacher and HoD make first level interaction with each student

2. Outcome of screening test: Some observations

- Some students from rural background lack basic computer literacy.
- Low marks in the communicative part

- Students with high marks are specially noted.

3. Corrective Actions and Support Systems

- **Foundation Courses:** IQAC initiated four value-added foundation courses which are compulsory for all first-year students.
 - **Towards a Better English** to improve English language skill
 - **Computer Fundamentals and ICT Skill Training** to increase the basic computer literacy
 - **Power of Positivity** to develop inner confidence
 - **Physical and Health Management** to enhance health and fitness
- **Peer Learning Group (PLG):**
 - Based on screening test results, students were divided into slow, medium, and advanced learners.
 - PLGs were formed by mixing slow, medium, and advanced learners and different PLG activities were conducted.

Assessment of Learning Levels



Continuous Evaluation System (CES)

CES has two parts:

1. CRAR (Comprehensive Result Analysis and Review using Data Analysis)
2. Implementation of OBE.

1. CRAR

- Detailed data analysis is conducted on the exam results every semester.
- Reasons for poor performance, if so, are analysed. The reasons may be:
 - Inadequate question paper
 - Poor teacher performance
 - Poor student performance
- Digging the data and proper interpretation is essential to list out the reasons.
- Good student performance is analysed and those who made positive progression are identified
- **The objectives of CRAR are**
 - To identify / select courses in which students are showing weak performance
 - Set benchmarks for each year for continuous growth
 - Suggest corrective measures for each paper
 - Identify weakness of each student and take corrective measures
 - Alert students about their performance and inform parents
 - Suggest names for Pragathi Samman scholarship based on student progression.

2. Implementation of OBE

- IQAC has taken strenuous efforts to implement OBE in the institution and has become successful.
- In house discussions in IQAC and Academic Council meetings - November 2018
- First draft of PO, PSO, and CO - January 2018
- Workshop on “Outcome Based Education” in association with KSHEC - 22 & 23 May 2019
- Final draft of PO, PSO, and CO - June 2019
- Workshop on “Framing Questions with Blooms Taxonomy” in association with IPSR solutions Limited - 08 November 2019
- Implementation of Question bank - June 2020

- Draft of OBE manual - November 2020
- Workshop on “OBE Attainment Calculations” - 27 January 2021
- Final OBE manual - February 2021
- Implementation of OBE Software and attainment calculations - December 2021

File Description	Document
Link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

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

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Paste web link of Annual reports of Institution	View Document
Link for additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response:

Christ College is one of the first colleges which implemented co-education to instil the sense of gender equity in society. The College has a well-defined **gender equity policy** which is the backbone of all activities related to gender sensitization and gender rights. The main objective of the policy is to make Christ College an **Equal Opportunity Place**; being immune to all gender-based differences in the selection of teaching and non-teaching staff and grooming of students. Women's Development Cell (WDC), Departments, Students' Clubs and Student Union take special attention and care to organise gender-sensitisation activities.

1. Curricular

- Most of the departments have gender-oriented studies in their curriculum. There are **75 courses based on gender and gender sensitivity** in the UG and PG curriculum.
- Department of History has a **research division on gender studies**.
- The Social Work Department has special concern towards gender and its post graduate and graduate level curriculum has a **full course on gender and development**.
- An opencourseware on **Gender and Gender Equality** has been developed by Department of Social Work in association with IQAC which is **compulsory course for all UG students**. The course has been beneficial for students of other colleges also as it is accessible to all.

2. Co-curricular

- **WDC**
 - The main objective of Women's Development Cell is **gender sensitization** through workshops, seminars, invited talks, exhibitions, and poster making competitions to provide students with an insight into all gender related issues in media, literature, theatre, law and transgender.
 - WDC takes special interest to provide **self-defense and self-confidence** training for girl students. In the induction programme and value education class, priority is given to gender issues.
 - Besides the **counselling** offered by Psychology Department, WDC also provides counselling for women students and staff.

- Gender socialization is only possible through gender sensitization and hence the College takes special care to involve male students in such conscientization programmes.
- **Departments**
 - Social Work Department conducted co-curricular activity *Choottu (the torch)* which shed light on the conditions of the transgender community. A webinar on the theme **Recast Women-Reality and Prospects** was conducted in collaboration with IQAC.
 - The PG Department of History along with WDC and IQAC conducted webinar on the topic '**Can the Body be a Metaphor of Protest?**'.
 - Department of Economics celebrated International Women's Day in association with MCK Foundation Thrissur. The topic was **Socio-Economic Problems Faced by Women Among Coastal Countries**.
- **Students Clubs**
 - **Thavanish** - the students' voluntary organization is very active in conducting gender-sensitive programmes. Every year they celebrate International Women's Day by **honoring women from the weaker sections of the society**.
 - The Readers Club of the College conducts **discussions on feminism** based on books and also invites gender activists for various programmes.
 - Student Union of the College conducts gender sensitization programmes throughout the year and on International Women's Day as well.

3. Special Facilities for Women

- Common room for girl students (Retiring Room)
- Sickroom for girls
- Common room for teachers
- Sickroom for teachers
- Separate garden for girls
- Counselling facility
- Ladies' hostel
- Ladies' Fitness Centre (for teachers and students)

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	View Document

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

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

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

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

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Sustainable management of waste has always been in practice in Christ College for reducing the environmental impact and providing a safe and healthy work environment for teaching and nonteaching employees, students, and visitors.

The waste management policy of the College is instrumental in reducing the detrimental impact of the institution on environment, preventing pollution, enhancing environment consciousness among the next generation, taking mitigation measures, and undertaking methods for sustainable growth.

College has signed MoU with the leading agency *Integrated Rural Technology Centre, Palakkad* for awareness and waste management.

1. Solid Waste Management

◦ Management of Biodegradable Waste

▪ Biogas Plant - Men's Hostel Canteen

- Biodegradable wastes are mainly from the Hostel Canteen which is fed to the biogas plant (Capacity 25 m³) installed in the hostel premises. Generated biogas is used in the hostel kitchen and the slurry is used as an organic soil amendment for gardening.

▪ Vermicomposting Unit - College Garden

- The vermicomposting unit (Capacity 6 tonnes in 45 days) installed near the College Garden converts the dried leaves from garden and waste from college canteen to vermicompost which is used as manure for the plants in garden.

◦ Management of Non-biodegradable Waste

- **Designated waste bins** are installed at different locations in the campus for the category-wise segregation of solid waste at the source itself.
- College has an agreement with **Irinjalakuda Municipality** to deal with the non-biodegradable waste. As per the agreement Municipality collects the waste from the College and treats it scientifically at their waste management system.
- The student clubs **Bhoomithrasena** and **Enviro Club** spearheads the awareness as well as the management of such activities.
- The College has installed incinerators for the disposal of sanitary napkins in the girls toilets and hostels.

2. Management of Hazardous Chemicals and Radioactive Waste

- The College has not dealt with hazardous waste such as radioactive waste or explosives till now.
- The hazardous wastes from various laboratories are channelised into pits, which are pre-filled with charcoal and bricks, to facilitate absorption of hazardous chemicals, if any.
- The Department of Chemistry has now adopted micro-level analysis to reduce the number of hazardous chemicals.

3. Management of Non-hazardous Liquid Waste

- Since the college is having a vast area of land enriched with vegetation, waste water from different sources is treated by the natural process of absorption by plants and filtration when it moves through the soil.

4. E-waste Management

- Refurbishment of computer peripherals - the old devices are returned to the authorized company to reduce e-waste and as far as possible some of the old computers, printers, and scanners are auctioned through suitable agencies.
- College has also signed a MoU with *Progressive - E recycling and Trading Company, Thrissur* for the scientific disposal of E-waste.

5. Waste Recycling System

- The **paper recycling unit** (capacity 50 kg per day) converts the paper waste to paper pulp and then to kraft paper which is used to make paper files.
- **PEN DRIVE** - The NSS units of college has initiated the *Pen Drive* in which the plastic body of the pens are collected and reused.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

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

Response: A. Any 4 or all of the above

File Description	Document
Link for any additional information	View Document

7.1.5 Green campus initiatives include:

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

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

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

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

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

Response:

Christ College has always been at the vanguard to promote the linguistic, regional, cultural, communal, and socio-economic diversities of the state and the nation. Our logo signifies its commitment to moulding an enlightened generation by imparting quality education and moral value inculcation, imbued with Indian ethos through “*Light of Life*” by which we try to build an inclusive and harmonious society meanwhile, trying to release them from the clutches of “*Adharma*” and “*Ahamkara*” to true freedom and fraternity.

For harmonious growth, the institution regularly organizes the following activities to build and promote an environment for ethical, cultural, and spiritual values and to inculcate environmental consciousness, student support, human values, cultural and gender equity among the students and staff.

- To cater to **linguistic diversity**, competitions like essay writing, elocution, and intercollegiate quiz competition were conducted.
- **Traditional Manipuri Dance** and *Odissi performance* under *SPIC MACAY Christ College Chapter* promoted both cultural and linguistic diversity.
- For the promotion of **human values**, the institution conducted:
 - **SAVISKARA** - a programme for the differently-abled children
 - Tribal exposure camp
 - Blood donation camp
 - Talk on organ donation
 - Distribution of wheelchair and audio player
 - **SRAVYAM** - the audio recording of books for the visually challenged

- **Okhi cyclone** disaster relief and rescue programme
- Stem cell donation camp
- Centralised distribution centre for **Kerala Flood Relief Mission** and cleaning drives
- To accelerate the efforts to achieve **universal sanitation** coverage, the institution conducted **Suchithwa Mission** in which Swachh Bharath officials and student volunteers organised a cleanliness drive at Irinjalakuda Municipal Bus Stand.
- The institution organized numerous cultural programmes like **Rajasthani folklore**, a lecture cum demonstration of Mohiniyattam, an art contest, art expo, handwritten magazine, flower carpetting competition, carol competition, tableau competition, yoga performance etc. to celebrate the **cultural diversity** of India.
- Various clubs and departments of the College aim at bringing **environmental consciousness, tolerance and harmony** by celebrating:
 - World Environment Day
 - National Energy Conservation Day
 - Yoga Day
 - International Women's Day
 - World Anti-drug Day
 - World Wetland Day
 - International Day for Biological Diversity
 - NCC Day
 - Diabetes Day
 - International Disability Day
 - Anti-Tobacco Day
 - World Heart Day
- **Various camps** intended for blood donation, leadership training, free medical aid, and tribal exposure encouraged the harmonious development of students.
- Orientation programmes, reading of holy books, rallies, lectures, workshops, talents day, meet the scientist programme, agricultural activities and making paper bags, cleaning activities and cultural programmes at old age homes, human rights education, socio-economic survey, mobile survey,

flash mob etc. were regularly conducted to promote **human values**.

- To promote **communal harmony and tolerance**, the College conducted motivational lectures, seminars, workshops and outreach programmes. Through different celebrations like Onam, Holi, Christmas etc. cultural diversity is promoted.
- The **Women's Development Cell** conducted various programmes for the empowerment of girl students and for promoting gender equity. Specific focus was given to **women athletes** whereby the institution won Women Overall Championship in the University.
- Besides academic and cultural activities, the institution has a strong infrastructure for sports to enhance the physical development of the students.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

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

Response:

The efforts of the College to sensitize the students and employees to the constitutional obligations is embodied in the Vision and Mission of the College and radiated through the motto of the College: *Jeevith Prabha - Light of Life*. Following initiatives are taken by the College for sensitizing staff and students towards their constitutional duties and rights.

1. Policies of Institution

Following policies are adopted for promotion of constitutional obligations.

1. Policy applying to persons with disabilities
2. Policy and procedures against plagiarism
3. Gender policy
4. Intellectual property rights policy
5. Policy on social media and website

6. Code of conduct displayed in website and hand book

2. Inclusion in Curriculum

1. **Audit Course on Human Rights** which is mandatory for all UG third semester students
2. **Duties and Responsibility of a Student Citizen:** Class given to all students during Student Induction Programme
3. **Foundation Course** by Dept of Psychology "The Power of Positivity" for all first-year UG students
4. An array of **Value Added Certificate Courses** offered to students
 1. Certificate Course on Constitutional Values
 2. Certificate Course on Gender Equity
 3. Certificate Course on Bridging the Gap between Scientific and Religious Worldviews: A comparative study for Holistic Living
 4. Certificate Course on Social Justice
 5. Certificate Course on Work Ethics
 6. Certificate Course on Universal Human Values and Professional Ethics.
5. The contents of human rights, Indian Constitution, fundamental rights are included in the syllabi of BA English and History Double Main, MA History, BA Economics, and BA English Literature.

3. Co-Curricular Aspects

1. NCC students participated in Republic Day Parade.
2. *Sravyam*, Sramadhan by NSS volunteers
3. Cycle Rally by Cycle Club for exhorting citizens to utilize their voting rights
4. Active involvement in flood relief work
5. Distribution of food kits during Covid-19 by Thavanish
6. Distribution of educational aids during Covid-19 by Thavanish

4. Celebration of Important Days and Other Features

1. Independence Day, Republic Day, Gandhi Jayanti
2. Oath on National Voters' Day
3. Human Rights Day was observed by NSS, Students Council and the Department of Social Work
4. Recital of the National Anthem at all official programmes of the College
5. Handouts on Preamble of Indian Constitution, Fundamental Rights and Duties made available to staff and students

5. Unique Initiatives of College

1. **Value Education Classes** for all students of the College wherein Constitutional Rights and Duties are included.
2. **Development of Solar Dryers** for villagers as a part of UBA programme
3. **Special Training session was given to Local Body Members** of Irinjalakuda Legislative constituency for Effective Fund Utilization Planning and for Proper Waste Disposal by Thavanish in collaboration with IRTC
4. Commencement of **Learn a Hindi Word a Day programme for Administrative Staff Members**. **Sathrangi** programme by Dept of Hindi was conducted for the promotion of Hindi.
5. Display of Preamble of Indian Constitution, Fundamental Rights and Duties in College Library
6. Webinar series by Dept of History on "Nationalism: Different Perspectives"
7. Faculty enrichment programme on Universal Human Values conducted by IQAC

File Description	Document
<ul style="list-style-type: none"> • Details of activities that inculcate values; necessary to render students in to responsible citizens 	View Document
Any other relevant information	View Document

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

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

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

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

Response:

To uphold, accord, and brand the students mindful of national pride and rich cultural heritage, the national/international commemorative days are frequently being celebrated in our institution. Every year with great enthusiasm, the institution organizes national festivals and birth & death anniversaries of great Indian personalities so that staff and students come to know about the relevance of national integrity in the country and their respective role.

Following is the brief information regarding national festivals and birth/death anniversaries of great Indian personalities celebrated by the institution.

- **Independence Day & Republic Day Celebrations:** Every year, the institution celebrates Independence Day and Republic Day by hoisting the national flag followed by the Principal's message, distributing sweets, and an official parade by the NCC unit.
- **Gandhi Jayanthi:** The institution celebrates Gandhi Jayanthi to mark the birth anniversary of Mahatma Gandhi and organises a number of events and competitions to honour Gandhiji's contributions towards the Indian Independence movement, and his non-violent way of life.
- **Teachers' Day Celebrations:** As a token of love & respect towards our beloved teachers, the students of the institution celebrate Teachers' Day by greeting them with cards, flowers & sweets. Special arts and cultural events are organized every year.
- **Women's Day (8th March) Celebrations:** Women's Development Cell organizes Women's Day celebrations to commemorate the cultural, political, and socioeconomic achievements of women along with workshops/invited talks by eminent personalities.

- **World Environment Day (5th June) Celebrations:** The Biodiversity Club, Bhoomitranena, Enviro Club and various departments organize the World Environment Day Celebration. Saplings are planted every year promoting a greener earth, and seminars/talks are conducted.
- Other environment-related days regularly commemorated include **Earth Day, World Biodiversity Day, World Ozone Day, World Water Day, and World Wetlands Day.**
- **Yoga Day Celebrations:** The Physical Education Department joining hands with the NSS organizes a mass Yoga demonstration with hundreds of students participating, thereby encouraging and teaching the importance and advantages of Yoga both physically and mentally.
- Religious and cultural celebrations: **Christmas, Onam, Holi, Ramzan, and Eid Ul-fitr** are celebrated by the Departments and the various clubs adopt an ethnic inclusive approach toward all religious activities and inspire the staff and students to vitrine the same and to break down the borders of religion and caste.
- **Human Rights Day** (10th December): To honour the universal declaration of human rights, the institution conducts numerous programmes like lectures and talks to educate the students about human rights.
- The other days that are commemorated include Keralapiravi, National Sports Day, Aids Awareness Day, Anti Tobacco Day, International Day Against Drug Abuse, Fire and Safety Day, International Disability Day, National Constitution Day, World Anti Drug Day, World Diabetes Day, and World Heart Day.

To evolve the emotive and spiritual state of mind among the students and the faculty, commemorative days are celebrated on the campus not only for restoration and amusement but also to sow the seeds of the feeling of oneness and social harmony while addressing the country's cultural heritage and history.

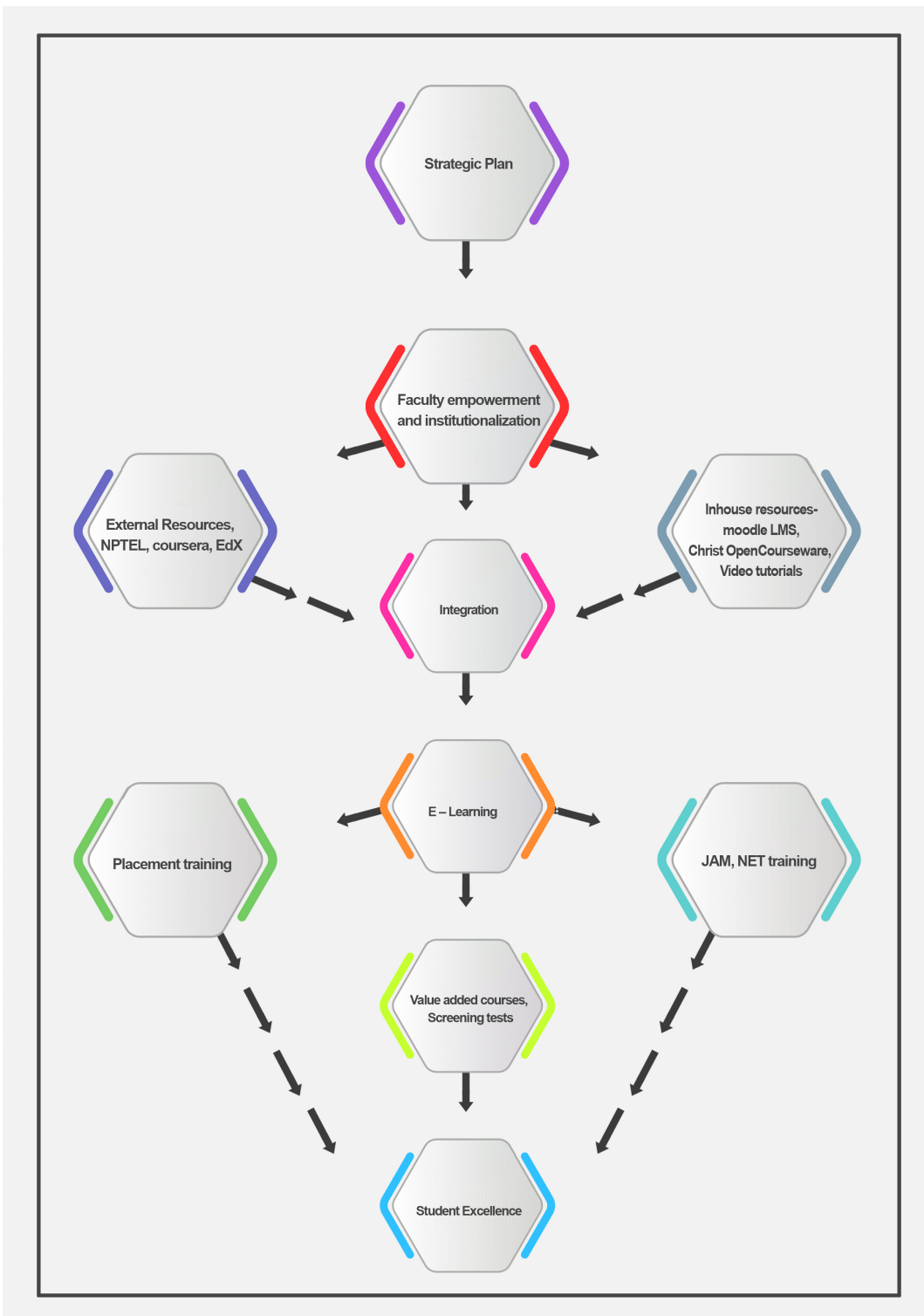
File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

Best Practice - 1



Title of the Practice: *ICT Integration and e-Learning*

- **Objectives of the Practice**

- To use Information and Communication Technology to enhance the Teaching-Learning Process.

- To equip teachers with modern technologies in teaching and make them adaptable to engage next-generation learners
- To help students in their regular academic activities and also to train them to face competitive exams in online mode for higher education and job opportunities
- To improve digital literacy and digital skills among the students
- To enhance the IT infrastructure of campus to improve online learning
- To be part of national policy of ICT integration in education 2012
- To augment the e-governance practices in the campus
- To bring the institution at par with international ICT standards
- To equip the institution as per NEP guidelines

• The Context

- Christ College has a tradition of introducing innovations in teaching-learning process and supporting National Policies in Education. The IQAC of the College has paid special attention to promote ICT integration and e-learning and make the whole teaching-learning process smart. The college community understood that **shifting to ICT environment** is very essential in order to become more efficient, effective, and competitive in the information era. Thus, when Covid-19 struck the world and educational practices, the College was equipped to face these challenges effectively due to ICT integration and e-learning practices, which we had started earlier. Students of our College, majority of who come from **rural areas** face difficulties during the online entrance and competitive exams, as they are not familiar with such technologies. Proper training for online exams will surely enhance their chances to be successful in such entrance examinations and in shaping their career and skill development.

• The Practice

- In the last five years, consistent efforts and **financial investments** have been made to augment the existing ICT infrastructure. The entire College fraternity has acquainted themselves and embraced the digitization process enthusiastically.
- **ICT team** was formed under IQAC to spearhead the ICT activities in 2016.
- Initial training on **Moodle Software, course content generation, online examinations** and Moodle Management was conducted on 05th-06th May 2017.
- It was decided in the College Council meeting to give the option to teachers to conduct **internal examinations in Moodle LMS**. Seven teachers got **certified in Microsoft Excel** to be used in ICT enabled education on 14-July-2018.

- Two-day training on the topic **Techno pedagogy and MOOCs** was conducted to equip teachers on 22-23 Nov 2018 for which the resource persons were EMMRC Calicut and Dr. Biju Kadinjiyil, Assistant Professor, Central University, Tamilnadu.
- One day workshop on **E-content authoring using Adobe Captivate** was conducted on 16-Feb-2019 for which the resource person was Dr. Parthasarathy M, Department of Educational Technology, Bharathiar University. The ICT team is now equipped to conduct **Moodle training** on their own to other teachers.
- **All students and teachers are enrolled to Moodle LMS.** Classes and coaching for JAM and NET exams are conducted by many departments through College LMS.
- The placement cell of the College conducts **aptitude training** for students for campus placements using **online platforms**.
- Moving ahead with the opencourseware movement, Christ College is one of the rare Colleges having its own opencourseware portal - **Christ OpenCourseWare** (<https://www.christopencourseware.com/>) with the **four quadrants of MOOC education** specified by UGC. Bridge programmes and value added courses were partially done in the online mode and the conduct of certificate courses were hosted in Christ College OpenCourseWare.
- Teachers started recording their classes and these videos enabled flexible and blended learning for the students. The recorded video lectures resulted in **value-added courses in blended mode**.
- **Digital language lab** enhanced communication skills and language skills among students.
- Intelligent Interactive Panels and projectors in classrooms to facilitate ICT enabled teaching.
- **SRAVYAM Project** using ICT facilities (**audio books for visually challenged**).
- IQAC spearheaded the **indigenous development of Light Boards** (Two Versions).

• Evidence of Success

- Majority of teaching and non-teaching staff of the college has been **trained in the use of ICT application**.
- Majority of teachers have started using **Moodle LMS and other ICT resources**.
- There is an **increased use of ICT** by the teachers in classroom teaching, evaluation and assessments, use of audio-visual resources, applications to engage the students, recording/uploading lectures in various platforms, data analysis through software.
- Two dedicated YouTube channels for education with more than 700 high quality video lectures
(www.youtube.com/Christopencourseware,

www.youtube.com/Christopencoursewarebeta).

- Christ OpenCourseWare - the online portal has now 31 full-fledged courses and is now been used by students of other colleges also. Audit Courses developed by our College are also made available to students of other colleges.
- Five Mandatory Value-added Foundation Courses are provided through Christ OpenCourseWare.
- ICT team became capable to **work as resource persons and started giving training to teaching staff of other colleges.**
- The number of students qualifying in JAM examinations have increased by 30 percentage and our placements have increased by 45 percentage during the period.
- Teachers could easily switch over to the online education mode during the Covid pandemic.
- Many teachers have started the YouTube Channels for the dissemination of their video classes.
- Ingeniously developed **Light Boards were marketed to educational institutions** at an affordable price.
- ICT has become an integral part of teaching-learning process of our College.

• **Problems Encountered and Resources Required**

- The non-availability of strong network connectivity (low bandwidth) from the service providers (Semi-urban locality) in the beginning was a major handicap in the use of ICT facilities. The College has switched to 100 mbps connection to overcome this difficulty.
- Some teachers were reluctant earlier to adapt with the new technology. There is now an enhanced vigour visible among teachers, achieved partially due to conscientisation programmes and partly due to the pandemic.
- Students who were deprived of gadgets faced difficulties in accessing the Moodle LMS. NSS and Thavanish spearheaded programmes to provide mobile gadgets.
- Number of computer labs and systems available were not sufficient in the beginning. College has now 18 computer labs with all facilities.
- Students were not allowed to use their smartphones in the classes in the initial stages. Situation changed after the pandemic where phones are now a part of students' knowledge acquisition tools.

Best Practice - 2

Title of the Practice - *Earth for All: Environmental Consciousness among Students*

• Objectives of the Practice

- To foster the culture of **eco-friendly practices** and make the campus environmentally sustainable
- To develop **Sustainable Development Projects (SDP)** and **Start-ups** and give training to students
- To make campus plastic free, to introduce minimum waste
- To inculcate the message of **biodiversity conservation**
- To promote *ex situ* and *in situ* conservation of biodiversity
- To inculcate a sustainable lifestyle among students
- To reduce the carbon footprint of the campus
- To introduce environmental consciousness in aspects of teaching and learning
- To sensitize students on environmental issues and make them **proactive to nature**

• The Context

- The relationship between nature and Christ College is a long and enduring one, something that the students and teachers of the college are well aware of. The College has received **State Level Government Awards** in this area. Even though College is in the forefront of environmental conservation, many of the students lack proper orientation on **waste segregation and treatment** in a scientific manner. Climate change is no myth: The rate of environmental degradation in the 21st century industrial, consumerist society is alarming. It is in this context that the College has been consistently working towards creating and maintaining an eco-friendly and clean campus with the concept of **Earth for All**. As it is situated in a semi-urban background, the College believes in developing and promoting **Sustainable Development Models whereby Eco-friendly startups and projects in an agrarian context** will be conceived which will be highly beneficial for the livelihood of students.

• The Practice

- Well maintained **College garden with beautiful landscaping**. Pet animals and birds are kept to provide students a calm and conducive atmosphere for recreation.
- All VIPs who visit College **plant trees** in the College premises. Students become aware of the importance of forestation.

- **Miyawaki forest** maintained by Department of Environmental Science funded by the Social Forestry Department, Government of Kerala
- The **Green Valley** of Christ College- 60 cents of natural forest in College campus untouched for the past sixty-five years
- NSS initiate of **PEN DRIVE** in which used pens are refilled and sold for low price
- The Environmental Science Department sensitizes the students by preparing logos and slogans. Scientific way of collecting waste is introduced.
- **Solar panels are installed** and the excess energy is given to KSEB under the on-grid scheme.
- **Rain water harvesting** is implemented with a capacity of 4 lakh liters.
- **Check dams** are made in College garden and premises to help rainwater harvesting.
- More than 3000 trees are planted and nurtured in the campus.
- **Display boards** with their botanical names on the trees in the campus
- College actively spreads the green ideology in the neighborhood and town through many green initiatives.
- All trees in the campus are named and classified (book published).
- **Green audit, Energy audit, and Water audit** are conducted regularly to take mitigation measures.
- MOU signed with Irinjalakuda municipality for **plastic waste management**
- MoU signed with E- Progressive, Thrissur for **e-waste management**
- Replacement of FTLs with LEDs from 2018 onwards for energy conservation
- **Biogas plant** constructed to reduce 10Kg of LPG use per day
- **SDP units** include:
 - **Vermicomposting unit** to produce organic manure and to manage solid waste disposal
 - **Aquaponic Unit:** For fish cultivation
 - **Paper Recycle unit-** Earn while Learn programme
- The following environment related ventures are maintained by the various clubs and

departments of the College:

- **Butterfly Garden** – home for 39 species of butterflies and their host plants.
- **Bee Hotel** - safe haven for bees and wasps contributes to the well being of flowering plants in the campus.
- **Star Vanam** (Nakshathravanam) with 27 species of trees.
- **Fruit Garden** consisting of 30 indigenous fruit trees properly identified and scientifically tagged.
- **Dragonfly garden**, the natural remedy for mosquitoes.
- Under the **Entae Maavu Ente Nattumavu** Programme - Native mango saplings were developed and distributed to the nearby community.
- **Shanthisthal** - 20 cents of land where the rare, endangered, and threatened plants are planted and maintained.
- **Jnana Udyan (Garden Library)**: A taste of Gurukulam as an eco-friendly library



- **Evidence of Success**

- The College bagged the Government of **Kerala award in the year 2020 for Energy Conservation**. The award was given by Kerala State Energy Board in Construction Category. This indicates the State Level recognition of Solar Energy, Rain water harvesting, and similar Eco-friendly projects of the College.
- The College received a number of **awards and recognition from different NGOs and Associations** related to environmental friendly initiatives of College.
- As part of beyond the campus environment initiatives, the College has instituted State level award **Green Nature Award** for best School in Kerala State from the year 2020 onwards.
- Well-functioning **Sustainable Development Projects** of Paper Recycling Unit, Vermicompost, Aquaponics etc.
- **Enhanced Research Publications** by the Department of Zoology and Botany which include **identification of new species in the Campus and in the vicinity**
- Due to the rainwater harvesting project of the College, the **groundwater level in the surrounding areas increased** as per the study conducted by the Department of Environmental Science.
- Enhanced general awareness about the names of the trees and herbs is created among the students. Due to our creative eco-friendly initiatives, **general environmental awareness** has increased in the campus and the neighborhood.
- College campus has become greener and cleaner in a visible manner.

- **Problems Encountered and Resources Required**

- Relatively high initial investment of solar power generation panels and batteries required efficient financial mobilization. The same was also the case with the initial expenses allotted for the Sustainable Development Projects of Paper Recycling Unit, Vermicompost, Aquaponics.
- Food waste management was difficult in the beginning as students had to be conscientized regularly regarding the same.
- We faced problems in efficient maintenance of solar power generation in the beginning.
- The students from the agrarian background need to be periodically sensitized regarding the eco-friendly measures.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

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

Response:

Saviskara - Enlightenment by Inclusive Education

The vision of our institution is to mould an enlightened generation by developing the potential of individuals through quality higher education and moral value inculcation. And our mission is to impart quality education, imbued with Indian ethos and enriched with universal values and to mould our youth as intellectually competent, psychologically integrated and morally upright social beings. We aim to train them as responsible citizens of our nation who champion the cause of justice, love, truth, and peace. This will also help to emancipate them from the clutches of *Adharma* and *Ahamkara* to true freedom and fraternity. For attaining this mission, we have implemented different programmes, of which **SAVISKARA** can be rightly placed as a distinctive and unique programme designed and executed by the College.

SAVISKARA is a programme of the College organized by Thavanish specifically for the differently-abled children. It provides an opportunity for the differently-abled children to express their inherent talents in a conducive atmosphere of acceptance, love and encouragement. The differently-abled children from four districts of Thrissur, Ernakulam, Malappuram, and Palakkad are invited to our College for a minimum of two days and they are presented with an opportunity to showcase their cultural talents in our College.

Vision of SAVISKARA

This programme is launched not just to appreciate and encourage the differently-abled children but also to help the big majority of privileged students to develop a sense of empathy and a spirit of service. This is organized with a **twin vision**:

1. Support and **encourage the differently-abled students** in a concrete manner by providing a specific platform to exhibit their talents
2. Develop and instil a sense of **social responsibility** and promote a culture of empathy in majority privileged class of students

Action Plan

- **Planning and Preparation**

- There are mainly three phases which include Stages of (a) Intimation and Welcome (b) Creating Inclusive Spirit (c) Financial Planning

1. **Phase 1: Intimation and welcome stage:** The authorities of neighbouring special schools are intimated well in advance. The **programme brochures** are prepared and volunteers of Thavanish often visit the special schools to encourage the differently-abled students to participate in SAVISKARA. The meetings of Thavanish are held to oversee this preparation where maximum participation of differently-abled students is ensured.

2. **Phase 2: Stage of creating inclusive spirit:** At the same time, elaborate preparations are made in the College and students are made aware of the decorum and service spirit in this stage. Special care is taken to encourage the talents of disabled people without either degrading them or over-glorifying their condition and to help the specially-abled children to understand their potential, inherent strengths and to overcome their limitations. Since the attitudes towards the differently-abled vary mostly between sympathy, over protection and sometimes even to the extent of ridicule, special care is taken to create an **inclusive environment** in the College.

3. **Phase 3: Financial Planning:** Meetings are held to discuss and plan the financial resources for the smooth function of SAVISKARA. The financial support needed for the programme is channelized in two ways.

- **Voluntary donations from generous people are sought:** Sometimes, cultural events are organized for this fund generation.
- **One Rupee One Life:** All students of the College contribute one rupee a day, whereby a sum of Rs. 365 is collected. A part of this fund is allocated for SAVISKARA.
- **Transportation:** Adequate **vehicle facilities** are provided to differently-abled students to attend this programme. They are also provided with **food and other basic amenities** during these days.
- **Event:** During the event, students of our College are given an **opportunity to interact, experience, and learn from the differently-abled students**. They are prepared to provide for all the needs of differently-abled students in a brotherly/sisterly manner. Thavanish volunteers will oversee each and every minute detail under the supervision of teachers.

Target Participants and Audience

- Differently-abled students from special schools and special homes from the districts of Thrissur, Ernakulam, Malappuram, and Palakkad
- Students of Christ College
- Invited guests and celebrities from society

- Media persons

Program Objectives

- 1.To encourage the differently-abled children and to instil in them a confidence of **equality and fraternity**
- 2.To support the differently-abled children to exhibit their **cultural talents**
- 3.To build a **sense of social responsibility** in the students of Christ College
- 4.To have **first-hand experience of the various difficulties** suffered by differently-abled students and their parents
- 5.To develop the **spirit of service and a culture of empathy** in our students
- 6.To motivate the students to **work for the under privileged** in the society
- 7.To mould students as brilliant policy makers of tomorrow where a **spirit of inclusion** is meticulously maintained.
- 8.To **emotionally mould** the students and to help them to achieve maturity
- 9.To experience and analyze the **reality of suffering** and to promote a culture of **selfless service** in the entire campus
- 10.To train students for concrete and real actions whereby hope and joy is created, shared and communicated

Other Details

Year	No of Schools participated
2017-18	15
2018-19	20
2019-20	15
2020-21	15

- Specific platforms and stalls are made to sell the books and other materials made by differently-abled students.
- Presentation of trophies and gifts to differently-abled students.
- Presence of motivational speakers and celebrities in stage to cherish the spirit of Inclusion.
- Attention of minute details of differently-abled students by students of our college under the leadership of Thavanish volunteers and teachers.

Saviskara in Covid-19 Times

The fourth season of *Saviskara* was conducted virtually during the academic year 2020-21 because of the pandemic Covid-19. This helped in relieving the frozen state of the disabled students. The students participated in online platform and gifts were distributed to them through their schools.

Conclusion

SAVISKARA, perhaps a unique programme of its kind, thus plays a vital role in moulding the students as socially productive, emotionally matured and morally responsible human beings. Apart from showing the differently-abled students a new horizon of love and brotherhood, this novel initiative of our college has helped the students to become socially responsible citizens with a sense of empathy and a culture of inclusion.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

- From a humble start with 3 programmes and 240 students in 1956, Christ College has grown into an institution with tremendous potential with **56 programmes** and **more than 4000 students** by 2021.
- ISO certification for office administration.
- The College is blessed with illustrious Alumni like:
 - Academicians:
 - Dr. K Radhakrishnan (ISRO Chairman 2009-14)
 - Dr. Paul Achandy, Chancellor of Christ University, Bangalore
 - Dr. M K Jayaraj, Vice-Chancellor, University of Calicut
 - Dr. T K Narayanan, Vice-Chancellor, Kerala Kalamandalam
 - Scientists:
 - Dr. Pulickel M. Ajayan, NanoEngineering, USA
 - Dr. Anuradha S Prakash, ISRO
 - Politician:
 - Mr. P. Rajeev, Minister for Industries, Government of Kerala
 - Poets:
 - Mr. K. Satchidanandan, Chairman, Kerala Sahithya Academy
 - Entrepreneurs:
 - Sri. Kochouseph Chittilappilly , Chairman, V-Guard Industries
 - Sri. V. P. Nandakumar, Managing Director, Manappuram Finance Limited
- **Women Empowerment - Christ College Model**

- Women students given equal opportunity for internship in **foreign countries**
- The first Co-Ed College to win the **Women's Championship in the University of Calicut**
- **College secured energy conservation awards which include:**
 - Kerala State Energy Conservation Award - 2011
 - Kerala State Biodiversity Award - 2012
 - First Green Campus Award by University of Calicut - 2014
 - Government of Kerala Biodiversity Club Award - 2014
 - *Malayala Manorama Palathulli Puraskaram* from Dr. Harsh Vardhan, Minister of Science and Technology and Earth Sciences -2016
 - Kerala State Energy Conservation Award - 2020
- **Notable community-oriented contributions include:**
 - Farmer friendly research products like Solar Drier
 - Training session for Local Body members of Irinjalakuda constituency in collaboration with IRTC.
 - Oral History Archive for storing indigenous knowledge
 - Designing and marketing of two versions of Light Boards
 - *Saviskara*: Model for inclusive education
- **Covid special initiatives include:**
 - Mithra - Counselling project for students
 - Examinations conducted at 17 centres in Kerala
 - Distribution of mobile phones and tablets
 - Making and distribution of sanitizers
 - Distribution of food kits by *Thavanish*

- **Sports achievements:**

- Champions of University of Calicut
- Dronacharya Award for T P Ouseph, Athletic Coach
- GV Raja State Government Awards for:
 - The College
 - Fr. Joy PT
 - Nibin Baiju (Athletics)
 - Anirudhan PS (Netball)
- Sandra Babu, State Government *Yuva Pratibha* Award
- PU Chitra, gold medal in Jakarta Asian Games
- 10 international and 241 national players during the accreditation period

Concluding Remarks :

The mission of the College aligns well with the accreditation framework of NAAC as detailed below:

1. Imparting quality education with Indian ethos and universal values

- Though situated in a semi-urban locality, the College has used all modern ICT facilities for enhancement of student quality.
- First OpenCourseWare of Kerala: <http://christopencourseware.com> with 4 quadrant MOOCs.
- Successful implementation of OBE
- Syllabus revision for quality enhancement
- E-Repository - **DSpace@Christ**: for open education platform
- The College initiated the International Credit Transfer System.
- Integration of Indian values through Jnana Udyan (Garden Library), yoga, celebration of days of

national importance.

2. Intellectually competent, psychologically integrated and morally upright social beings

- 57 value added certificate courses out of which 14 are with industrial collaboration.
- State Government recognition for the innovative project designs.
- Comprehensive Result Analysis and Review (CRAR), a project initiated by IQAC to analyze examination results
- Promotion of interdisciplinary research by the establishment of Centralized Instrumentation Room and conduct of National FDP (PMMMNTT Scheme) on Quality Science Education in India in the 21st Century.
- Students are offered internships even in foreign countries.
- Centre for Joy: Women Counselling Centre
- Mithra Project: Covid help desk
- Successful implementation of Peer Learning Group and Mentor- Mentee system

3. Responsible citizens to champion the cause of justice, love, truth and peace

- Swift response during the floods, Okhi, Covid pandemic
- Functioning of two camps during the flood under the leadership of the Students' Union
- Covid-19 pandemic relief work:
 - Food kits to neighbouring villages by *Thavanish*.
 - Mobile phones and tablets to students
 - Sanitizers, masks and other face shields to the needy

4. To emancipate students from the clutches of *adharma* and *ahamkara* to true freedom and fraternity

- Value education classes for all students
- Student Clubs and activities to learn the lessons of teamwork
- *Saviskara*: A programme for inclusive education where students learn the spirit of empathy.

The recognitions and awards won by Christ College are proof of the untiring efforts of the College to mould an enlightened and empowered generation deeply rooted in Indian values. The College is aspires to become a Deemed to be University by incorporating academic flexibility in tune with the NEP.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	<p>Percentage of Programmes where syllabus revision was carried out during the last five years.</p> <p>1.1.2.1. Number of all Programmes offered by the institution during the last five years. Answer before DVV Verification : 50 Answer after DVV Verification: 50</p> <p>1.1.2.2. How many Programmes were revised out of total number of Programmes offered during the last five years Answer before DVV Verification : 49 Answer after DVV Verification: 49</p>																				
1.1.3	<p>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years</p> <p>1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years.. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>956</td> <td>908</td> <td>856</td> <td>816</td> <td>735</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>956</td> <td>908</td> <td>856</td> <td>816</td> <td>735</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	956	908	856	816	735	2020-21	2019-20	2018-19	2017-18	2016-17	956	908	856	816	735
2020-21	2019-20	2018-19	2017-18	2016-17																	
956	908	856	816	735																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
956	908	856	816	735																	
1.2.1	<p>Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</p> <p>1.2.1.1. How many new courses are introduced within the last five years Answer before DVV Verification : 1062 Answer after DVV Verification: 1062</p> <p>1.2.1.2. Number of courses offered by the institution across all programmes during the last five years. Answer before DVV Verification : 1953 Answer after DVV Verification: 1953</p>																				
1.2.2	<p>Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</p> <p>1.2.2.1. Number of Programmes in which CBCS / Elective course system implemented. Answer before DVV Verification : 49 Answer after DVV Verification: 49</p>																				

1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years.</p> <p>1.3.2.1. How many new value-added courses are added within the last five years Answer before DVV Verification:</p> <table border="1" data-bbox="308 349 1046 483"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>11</td> <td>13</td> <td>12</td> <td>12</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 562 1046 696"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>11</td> <td>13</td> <td>11</td> <td>12</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	9	11	13	12	12	2020-21	2019-20	2018-19	2017-18	2016-17	7	11	13	11	12
2020-21	2019-20	2018-19	2017-18	2016-17																	
9	11	13	12	12																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
7	11	13	11	12																	
1.3.3	<p>Average Percentage of students enrolled in the courses under 1.3.2 above.</p> <p>1.3.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years Answer before DVV Verification:</p> <table border="1" data-bbox="308 936 1046 1070"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>5110</td> <td>3332</td> <td>2866</td> <td>2250</td> <td>1116</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1149 1046 1283"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2522</td> <td>3293</td> <td>2883</td> <td>2241</td> <td>1103</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	5110	3332	2866	2250	1116	2020-21	2019-20	2018-19	2017-18	2016-17	2522	3293	2883	2241	1103
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2020-21	2019-20	2018-19	2017-18	2016-17																	
2522	3293	2883	2241	1103																	
1.3.4	<p>Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)</p> <p>1.3.4.1. Number of students undertaking field projects / internships / student projects Answer before DVV Verification : 1280 Answer after DVV Verification: 1280</p>																				
1.4.1	<p>Structured feedback for design and review of syllabus – semester-wise / year-wise is received from</p> <p>1) Students, 2) Teachers, 3) Employers,</p> <p>4) Alumni</p> <p>Answer before DVV Verification : A. All 4 of the above Answer After DVV Verification: A. All 4 of the above</p>																				
1.4.2	<p>The feedback system of the Institution comprises of the following :</p> <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken and report</p>																				

made available on website

Answer After DVV Verification: A. Feedback collected, analysed and action taken and report made available on website

2.1.1 Average Enrolment percentage (Average of last five years)

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1620	1458	1247	1283	1122

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1620	1458	1247	1283	1122

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1781	1586	1300	1332	1131

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1781	1586	1300	1332	1131

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
335	386	246	273	236

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
333	324	237	273	236

Remark : As per the documents

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

2.3.3.1. Number of mentors

Answer before DVV Verification : 206

Answer after DVV Verification: 206

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
67	48	53	52	48

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
67	56	55	53	50

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

2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 1723

Answer after DVV Verification: 1723

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

2.5.1.1. Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
17.5	13.0	13.5	13.7	15.4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
17.5	13.0	13.5	13.7	15.4

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

2.5.2.1. Number of complaints/grievances about evaluation year wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	108

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	101

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

2.6.3.1. Total number of final year students who passed the examination conducted by Institution.

Answer before DVV Verification : 1066

Answer after DVV Verification: 1087

2.6.3.2. Total number of final year students who appeared for the examination conducted by the Institution.

Answer before DVV Verification : 1183

Answer after DVV Verification: 1183

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

3.1.2.1. The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
26.5	0.5	0	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
26.5	0.5	0	0	0

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

3.1.3.1. The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	3	5	1	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	3	5	1	0

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
52.71	25.34	64.87	65.04	15.18

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
52.71	25.34	64.87	65.04	15.18

3.2.2 Percentage of teachers having research projects during the last five years

3.2.2.1. Number of teachers having research projects during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6	11	8	4	4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
6	11	8	4	4

3.2.3 Percentage of teachers recognised as research guides

3.2.3.1. Number of teachers recognized as research guides

Answer before DVV Verification : 28

Answer after DVV Verification: 28

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

4	5	5	3	4
---	---	---	---	---

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4	5	5	3	4

3.2.4.2. Number of departments offering academic programmes

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
25	25	25	24	24

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
25	25	25	24	24

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

3.3.2.1. Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
43	7	2	5	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
43	7	2	5	2

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of Ethics committee**
- 3. Plagiarism check through software**
- 4. Research Advisory Committee**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

3.4.2	<p>Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years</p> <p>3.4.2.1. How many Ph.Ds are registered within last 5 years Answer before DVV Verification : 92 Answer after DVV Verification: 97</p> <p>3.4.2.2. Number of teachers recognized as guides during the last five years Answer before DVV Verification : 28 Answer after DVV Verification: 28</p>																				
3.4.3	<p>Number of research papers per teachers in the Journals notified on UGC website during the last five years</p> <p>3.4.3.1. Number of research papers in the Journals notified on UGC website during the last five years Answer before DVV Verification:</p> <table border="1" data-bbox="308 790 1046 922"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>94</td> <td>43</td> <td>22</td> <td>16</td> <td>15</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1003 1046 1135"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>86</td> <td>40</td> <td>22</td> <td>16</td> <td>14</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	94	43	22	16	15	2020-21	2019-20	2018-19	2017-18	2016-17	86	40	22	16	14
2020-21	2019-20	2018-19	2017-18	2016-17																	
94	43	22	16	15																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
86	40	22	16	14																	
3.4.4	<p>Number of books and chapters in edited volumes / books published per teacher during the last five years</p> <p>3.4.4.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years Answer before DVV Verification:</p> <table border="1" data-bbox="308 1417 1046 1550"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>10</td> <td>8</td> <td>15</td> <td>4</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1630 1046 1762"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>10</td> <td>8</td> <td>15</td> <td>4</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	20	10	8	15	4	2020-21	2019-20	2018-19	2017-18	2016-17	20	10	8	15	4
2020-21	2019-20	2018-19	2017-18	2016-17																	
20	10	8	15	4																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
20	10	8	15	4																	
3.5.1	<p>Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).</p> <p>3.5.1.1. Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs). Answer before DVV Verification:</p> <table border="1" data-bbox="308 2040 1046 2089"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>																				

2020-21	2019-20	2018-19	2017-18	2016-17
4.83	16.73	20.96	7.01	7.33

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4.83	16.72	20.96	7.01	7.33

3.5.2

Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

3.5.2.1. Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
73.06	4.66	0.46	0.65	0.1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
73.06	4.65	0.46	0.65	0.1

3.6.2

Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
69	11	17	2	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
12	6	6	2	2

Remark : As per the documents provided

3.6.3

Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

3.6.3.1. Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
66	46	25	43	28

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
29	40	17	27	24

Remark : As per the documents provided excluded day celebrations

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4026	3726	3416	3314	2896

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
3314	3722	2468	2798	2562

Remark : As per the documents provided par with 3.6.3

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

3.7.1.1. Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
411	110	45	46	72

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
411	110	45	46	72

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs

with ongoing activities to be considered)

3.7.2.1. Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
35	10	4	5	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
33	8	3	5	2

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

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 130

Answer after DVV Verification: 130

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
412.14	400.80	387.81	150.62	209.68

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
412.14	400.80	387.81	150.62	209.68

4.2.2 Institution has access to the following:

1. e-journals

2. e-ShodhSindhu

3. Shodhganga Membership

4. e-books

5. Databases

6. Remote access to e-resources

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: A. Any 4 or more of the above

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
12.44	6.12	6.32	8.30	9.27

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
12.44	6.12	6.32	8.30	9.27

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

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

Answer before DVV Verification : 646

Answer after DVV Verification: 646

4.3.3 Bandwidth of internet connection in the Institution.

Answer before DVV Verification : 750 MBPS

Answer After DVV Verification: 750 MBPS

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
450.68	214.13	75.47	123.59	161.03

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
450.68	214.13	75.47	123.59	161.03

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

5.1.1.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1256	1272	1163	1102	1253

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1244	1298	1155	1099	1250

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

5.1.2.1. Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
825	619	450	465	443

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
825	619	450	465	443

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene)

4. Awareness of trends in technology

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

5.1.4 **Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4049	3942	3646	3539	2492

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4049	3942	3646	3539	2492

5.1.5 **The institution adopts the following for 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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
136	99	119	50	75

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
136	99	119	50	75

5.2.2

Percentage of student progression to higher education (previous graduating batch).**5.2.2.1. Number of outgoing student progressing to higher education.**

Answer before DVV Verification : 353

Answer after DVV Verification: 353

5.2.3

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
80	65	32	17	6

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
80	66	32	19	6

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
84	69	35	20	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
84	69	35	20	10

5.3.1

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
100	198	224	175	89

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
100	198	224	175	89

5.3.3 **Average number of sports and cultural events / competitions organised by the institution per year**

5.3.3.1. **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
26	37	22	20	15

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
26	36	22	20	15

5.4.2 **Alumni financial contribution during the last five years (in INR).**

Answer before DVV Verification : A. ? 15 Lakhs

Answer After DVV Verification: A. ? 15 Lakhs

6.2.3 **Implementation of e-governance in areas of operation**

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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

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**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
81	204	93	56	32

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
81	204	93	56	32

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
36	9	8	6	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
29	9	8	6	2

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
135	69	45	23	16

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
135	69	45	23	16

6.4.2 **Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

338.64	296.01	193.80	161.44	77.88
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
338.64	296.01	193.80	161.44	77.88

6.5.3 **Quality assurance initiatives of the institution include:**

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

Answer before DVV Verification : All of the above
 Answer After DVV Verification: All of the above

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

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

Answer before DVV Verification : A. 4 or All of the above
 Answer After DVV Verification: A. 4 or All of the above

7.1.4 **Water conservation facilities available in the Institution:**

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

Answer before DVV Verification : A. Any 4 or all of the above
 Answer After DVV Verification: A. Any 4 or all of the above

7.1.5 **Green campus initiatives include:**

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**

	<p>5. landscaping with trees and plants</p> <p>Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: A. Any 4 or All of the above</p>
7.1.6	<p>Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions / awards 5. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Divyangjan friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <ol style="list-style-type: none"> 1. The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>

2.Extended Profile Deviations

ID	Extended Questions										
1.1	<p>Number of programs offered year-wise for last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>45</td> <td>43</td> <td>41</td> <td>35</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	50	45	43	41	35
2020-21	2019-20	2018-19	2017-18	2016-17							
50	45	43	41	35							

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
51	46	44	42	36

1.2 **Number of departments offering academic programmes**

Answer before DVV Verification : 23

Answer after DVV Verification : 23

2.1 **Number of students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4089	3752	3434	3338	3036

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4089	3752	3434	3338	3036

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1263	1283	1140	1151	981

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1263	1283	1140	1151	981

2.3 **Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4055	3700	3428	3246	2213

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4055	3700	3428	3246	2213

2.4 **Number of revaluation applications year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	108

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
181	197	252	231	101

3.1 Number of courses in all programs year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
947	919	894	834	759

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
947	919	894	834	759

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161

3.3 Number of sanctioned posts year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
206	190	175	167	161

4.1 Number of eligible applications received for admissions to all the programs year-wise during last five years

Answer before DVV Verification:

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2020-21	2019-20	2018-19	2017-18	2016-17
40652	28203	30079	29846	24704

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
40652	28203	30079	29846	24704

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
397	357	297	307	271

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
397	357	297	307	271

4.3 **Total number of classrooms and seminar halls**

Answer before DVV Verification : 130

Answer after DVV Verification : 130

4.4 **Total number of computers in the campus for academic purpose**

Answer before DVV Verification : 611

Answer after DVV Verification : 611

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1231.22	1028.76	1029.60	607.86	675.65

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1005.59	1182.53	673.62	607.86	466.41