



INSTITUTIONAL ASSESSMENT AND ACCREDITATION **(Effective from July 2017)**

Accreditation - (Cycle - 4)

PEER TEAM REPORT ON **INSTITUTIONAL ACCREDITATION OF** **CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA** **THRISSUR** **Kerala** **680125**

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I: GENERAL INFORMATION

1.Name & Address of the institution:	CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA THRISSUR Kerala 680125	
2.Year of Establishment	1956	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	56	
Departments/Centres:	23	
Programmes/Course offered:	56	
Permanent Faculty Members:	66	
Permanent Support Staff:	32	
Students:	4532	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. • Grant –in–Aid College with sufficient infrastructure facilities. 2. • Autonomy allows the college to develop new syllabi to the level of 20 percent in course structure and conduction of examinations 3. • Located in semi-urban area; Working of social upliftment by community services and inclusive practices.	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 13-10-2022 To : 14-10-2022	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. HOSHIYAR DHAMI	Vice Chancellor, Surajmal University
Member Co-ordinator:	DR. KRISHNAN KRISHNAN	Dean, Faculty Of Arts The Maharaja Sayajirao University Of Baroda
Member:	DR. LIMBAGOUD SAYADGAR	Former Principal, GIRRAJ GOVT COLLEGE NIZAMABAD
NAAC Co - ordinator:	Dr. M.S. Shyamasundar	

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)	
1.1	Curriculum Design and Development
1.1.1 QIM	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.
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum
1.4	Feedback System

Qualitative analysis of Criterion 1

All programmes run by the college contain PO, PSO and CO of local, national and international relevance. The college has initiated the teaching of B.Voc Food Processing Tech, B.Sc. Food Tech, M.Sc. Botany for equipping the students with the latest techniques of these disciplines so that they can add value to the products of their farming community and could enhance the productivity. In the wake of Malayalam being declared the official language of the Christ college has started the -Malayalam for media. Social work department has entered tie ups with local Government bodies and have executed projects and field studies. M.Sc Applied Geology and M.Sc Environment Science students study the topics on climate change and natural calamities and other problems of regional relevance. The new programmes of B.Com taxation and B.Com professional have been adopted to prepare professionals needed for the effective nationwide implementation of GST. MoUs with the University of Zululand, South Africa, Leibniz Institute for Applied Geophysics, Germany, and Chartered Institute for Securities and Investment, London, value-added courses Python programming, A1 Diploma in French, Android programming, and HACCP Level 3 (Approved by HABC-UK), have been initiated to prepare the students in the courses of Global relevance. Internal Credit Transfer System of the college facilitate the enrolment of students from Indonesian Universities for selected courses in fundamental English programme.

The college offers 347 courses to address Gender (75), Human Values (94), Professional ethics (67) and Environment and Sustainability (111).

Environmental Science, Disaster Management, Introduction to Human Rights, Gender Studies are incorporated in *Audit Courses* (mandatory) of UG curriculum. *Gender and gender equality* power are integrated in curriculum. Apart from this the gender issue is also 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.

Under the head Environment and Sustainability the initiatives are- Installation of a solar power plant of 170 KW in association with KSEB; Energy Conservation Award from Govt. of Kerala in the year 2019; Launch of a project-Regeneration of Natural Drains Using Aeration and Microorganisms; NSS, Cycle Club, Biodiversity Club, Paper Cycling Unit

Under human Values it can be mentioned that the college imparts courses on Value education programme of one hour per week duration (mandatory) and Saviskara, an interaction programme with differently-abled students.

Professional Ethics: Topics related to professional ethics are included in student induction orientation programmes and in value education classes.

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Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.2 QIM	Teachers use ICT enabled tools including online resources for effective teaching and learning process.
2.3.4 QIM	Preparation and adherence of Academic Calendar and Teaching plans by the institution
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.3 QIM	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
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.
2.6.2 QIM	Attainment of programme outcomes and course outcomes are evaluated by the institution.
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

Learning levels of the students are assessed through OBE and Peer Group Learning. IQAC gives special attention to slow, middle, and advanced learners. The process involves-(a) Direct Method where Screening is done through Christ MOODLE (**Modular Object-Oriented Dynamic Learning Environment**" which is an online platform Learning Management System. The Chief Mentor (from IQAC) ranks the students according to the percentage of marks secured in the test; (b) 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 and the chief mentor prepares the list of slow, medium, and fast learners based on the results of the assessments which results in the formation of peer learning groups. (c) Continuous Evaluation: After every semester examination, the IQAC conducts result analysis, and ranks are reassigned.

Remedial Measures are arranged for *Slow Learners* in the forms of assignments, counseling and group learning activities. They are also provided with vidyadanam scholarship.

In the Supportive System for Advanced Learners advanced assignments or tasks are assigned. They are encouraged to participate in seminars, conferences, technical events, complete NPTEL and other MOOC Courses like COURSERA, SWAYAM etc., Walk with Scholar Programme, Industrial visits and are asked to opt for research projects, They are also given training for JAM, GATE, NET exams.

Student-centric Methods of the institution are- provision for individual involvement in practicals and project work; Peer-learning circles of fast learners, assistance is also provided to slow learners by using methods like Role plays, Case studies, Debates, Quizzes, Seminars, Paper presentations guided library work; Special lecture

programmes by inviting Academic experts from outside departments, Alumni, Industry, to share their expertise; provision of e-learning sources, internship programmes and conduct of workshops/seminars/conferences/webinars

Experiential Learning is provided to both individual and groups. 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 are also conducted. In 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 to empower them for the job market as well as for self-employment.

Students avail the facility of the Language Lab. Invited Talks are also organized. Under the category of ; Problem solving methods, it has been observed that Inter-departmental collaborative activities like quiz, debate, film, and documentary making are organized. Club activities are conducted to develop leadership qualities. Students are also supported to publish research articles in national and international journals.

ICT enabled tools used by the college. The college has adequate ICT hardware and other infrastructure facilities for online and offline classes. A well-equipped video laboratory for making video tutorials and video lectures is also available. One of the most significant facility is “*Sravyam*”, an audio laboratory, which deals with the production of audio books for the visually impaired. Special mention can be made of other salient features like- large number of ICT enabled class rooms with interactive panels, membership for all teachers and students in MOODLE class rooms, own online learning portal <http://christopencourseware.com>, dedicated you tube channels for broadcasting video tutorials to encourage students to learn, NPTEL, EdX, COURSERA and also for National Level Faculty Development Programme.

The college has informed that for providing online education during the Covid times *ICT Tools and In-house Online Resources were used which were* ICT Hardware-Intelligent Interactive Panels integrated with smart boards, Intel PC, Wifi, and subject relevant software for recording video lectures.

Video laboratory is available in the college for the production of video tutorials with HD Camera, teleprompter, Chroma screen, Whiteboard and other accessories. *Lightboard is used* for recording videos in a professional manner. *Audio laboratory (Sravyam)* is used for the production of audiobooks for the visually impaired. *Three recording rooms are available in the college* to broadcast live lectures and webinars.

ICT enabled classrooms have interactive panels, cameras, and wifi facility. All the teachers and students are enrolled in MOODLE classrooms. The college has *own online learning portal* <http://christopencourseware.com> ; *Open Broad Caster Software*, Adobe Premiere Pro, Kdenlive, Handbrake, and Adobe Photoshop for recording and editing video tutorials. *Dedicated YouTube* channels are also available for broadcasting video tutorials for the benefit of students to learn at their pace and comfort. Facilities of NPTEL, EdX, COURSERA; National Level Faculty Development Program are also used by the college.

The academic Calendar is prepared by the college with an overall planning and proper coordination. It has all examination details. The BOS, Academic Council and Boards of Studies meetings are held as per schedule to prepare Academic Calendar. 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. Academic Calendar is presented in the meeting of Heads of the Departments

for finalization. After approval from the College Council, the detailed Academic Calendar is printed in the College handbook also is published in the College website. The Vice-Principals, Deans, and Controller of Examinations supervise the overall implementation.

Teaching Plan is prepared on the basis of academic calendar. The concerned faculty members are asked to prepare the detailed teaching plan 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 is done by conducting department level meetings 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 action plan of each student club is prepared by students and the faculty- in charge at the beginning of the year. The Students' Council activities are planned immediately after the election to the Students' Council, with advice from the Staff Advisor and Principal.

Office of the Controller of Examinations (CoE), Pareeksha Bhavan, oversees the exam-related activities.

The Academic Calendar including examination schedule is prepared jointly by IQAC and Pareeksha Bhavan and published in the College website and handbook;

Students are informed about end semester exams through notifications and college website. Hall-ticket generation is online. The exam hall seating arrangement is done by using software. Question papers are generated through the software and scrutinized by the subject expert;

The Chief Exam Superintendent conducts the exams with the help of the administrative office. UG answer scripts are evaluated by internal examiner under the supervision of external examiner who revalues 20% of the answer scripts. PG answer scripts are subjected to double valuation by both internal and external examiners.

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. Security features like UV hologram, micro text, pantograph etc. are provided in marks sheets. Revaluation and grace marks is done as per University rules.

The final consolidated internal and external marks are submitted to University ERP system for further processing of certificates. Exam malpractice prevention committee is in place and there is the provision of Exam squad also. QnSmart Software is used in generation of question papers for end semester examinations and OBE assessment.

In the category of the Continuous Internal Assessment System at least one internal exam per semester has been made mandatory for internal evaluation. The internal marks grievance committee takes care of the grievances of the students.

Additional Exams are conducted for University/ State/ National/ International competitions and NCC/NSS national level camps participants.

OBE was implemented in the college from the academic year 2019 onwards as per UGC & KSHEC guidelines. Steps initiated are – IQAC formed OBE committee; Workshops conducted on Blooms taxonomy, learning outcomes, and assessment procedures;

The OBE committee framed manual for OBE assessment and attainment. The Governing Council of the College in consultation with stakeholders (Employers, Educationists & Parents), decides the Programme Learning Objectives and Programme Outcomes;

PSOs are decided by HOD ,Alumni and OBE committee representatives.

COs: The course outcomes are prepared by CiC in consultation with Head of the Department and other teachers who handle the course;

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 and OBE committee evaluate the matrices and identify the curriculum gap, if any.

The CiC, HoD, and OBE committee consolidate the CO-PO/PSO attainment of the programme

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)

The PEOs and POs are described in detail to students enrolled during the student induction programme by the principal.

The POs, PSOs and COs are calculated using the appropriate rubrics and matrices; Finally, the Programme Educational Objectives are assessed. The rubrics used for the measurement of Course Outcomes are 20 percentage by internal assessment and 80 percentage by external assessment;

CO assessment parameters include Internal exam; Assignment; Group assignment and seminar; Attendance; Seminar; Students Club activities; Mini project; Major project; Viva internal and external;

Assessment of Programme Outcome and Programme Specific Outcome is done properly. The direct attainment of PO and PSO from CO is measured using CO to PO/PSO matrix.

The Programme Educational Objectives are assessed using the parameters - Direct Assessment (80%) Direct Evaluation of Program Outcomes (POs) of the concerned PEO (weightage 60%) Placements (weightage 15 %) Higher Studies.

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

If attainment levels are not satisfactory, the whole process is examined and redefined.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Promotion of Research and Facilities
3.1.1 QIM	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
3.2	Resource Mobilization for Research
3.3	Innovation Ecosystem
3.3.1 QIM	Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.
3.4	Research Publications and Awards
3.5	Consultancy
3.6	Extension Activities
3.6.1 QIM	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
3.7	Collaboration

Qualitative analysis of Criterion 3

The College is a research Centre for six disciplines and has constituted a prime body to promote Research and Consultancy.

Christ college research and consultancy promotion council CCRPC (2019) is a prime body constituted to promote Research and Consultancy. The college also extends research services to postgraduate students of other institutions. Presently 97 research scholars are working under 28 research guides;

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 14 (year 2016) to 86 (year 2020);

Christ College Research Seed Fund (CCRSF) during last 5 years has given 27 lacs for research purpose.

To promote research publication, the College has instituted Fr. Vijayakumar Chethalan best research publication award;

MoUs with International Research institutions, Leibniz Institute of Applied Geophysics, Germany and Zululand University, South Africa are other initiatives taken by the college.

Christ College Innovation Council (CCIC), and Entrepreneurship Development Club (ED Club); CCIC arranges meetings with experts in Industry/ Incubation Centre/ Patent/ Ecosystem Experts and design ideas, projects, start ups etc; training on solar lamps and in the manufacture of LED bulbs; solar dryer; soaps, detergents, pain balm; Cake Fest; French Food Fest. Lightboard has been designed for own online/recorded classes which is Covid -19 times utility;

Zoology Department - taxonomical research is oral History Centre of History Department which preserves

oral archives in digital format. The R Data Centre of Department of Statistics conducts data analysis for various stakeholders; Homepreneurship Club of Dept of Economics makes efforts to promote home entrepreneurs. Water Testing Laboratory; Incubation Centre are other components under this category. ED Club organizes meetings and workshops with successful entrepreneurs especially from the alumni. Pigeon Expo is other initiative. College has won State level award of the young Innovators Programme (YIP) 2020 for Novel Herbal medicine for fungal infection, scaling, foot cracking and dry skin diseases but its clinical trials have not been undertaken till date.

Student Council, Thavanish, National Service Scheme, Unnath Bharath Abhiyan, Catholic Students Association are the initiatives taken by the college under this category. The Student Council was involved in relief activities during the flood in the year 2018 and had organized flood relief camps.

Thavanish has initiated one rupee challenge. College also provides Onam kit; Medical aid.

Saviskara - a two-day talent exhibition of differently-abled students from the nearby special schools;

NSS units-six awards; Sravyam: Volunteers of NSS record audio books (600 plus hours) and distribute to visually challenged students through the library;

Unnath Bharath Abhiyan (UBA): College has adopted five villages under UBA scheme;

Catholic Students Association (CSA): CSA volunteers regularly visit orphanages and destitute homes and celebrate special days with them. Social Work Department also undertakes the extension activities and conducts its own extension services by conducting rural camps among tribal communities.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.
4.1.2 QIM	The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.3	IT Infrastructure
4.3.1 QIM	<i>Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities</i>
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Qualitative analysis of Criterion 4

Infrastructure facilities: Total class rooms-125; 93 spacious classrooms for UG programmes with ample lighting and electric fans. All UG and PG classrooms are equipped with LCD projectors and speakers and ICT/wifi with internet 100 mbps speed facilities. 32 PG classrooms equipped with Intelligent Interactive Panel. Live streaming of classes is possible from these rooms.

6 classrooms with excellent facilities to record and live stream online classes and Video conferencing facilities; 34 (UG, PG and research labs) well-equipped laboratories with state-of-the-art facilities;

Water Testing Lab (Aqua Lab)-open for the public. Zoology Museum and Geology Museum impart experiential learning to the students. ;

Incubation Room of the college has been constituted to explore and exhibit new products. Common Instrumentation Lab is meant for interdisciplinary research;

18 computer labs equipped with full power backup are in Fr Dismas Multimedia Hall from the grants received from (RUSA) with 70 computers. Five high-end servers are available in the college with firewall protection.

Linways software is used for admission, attendance, and for examinations. LMS MOODLE; Audio Visual Centre with mixing and editing facilities is also available.

Two centrally air-conditioned seminar halls with international standards are available in the college.

Green Campus Initiatives- Butterfly Garden, Bee hotel, Shanthisthal, Centre for aquaphonics, Paper Recycling unit, Miyawaki forest , Nakshtra Vanam etc are other initiatives of the college.

The College has an Auditorium of 1500 sitting capacity with a good sound system. It consists of an amplifier, Behringer (500W) with 6 speakers (100 W {2 nos.} & 200W {4 nos.}). It has good lighting and electric fans. There is an additional hall for rehearsal purposes.

Chavara Multimedia Seminar Hall has seating capacity of 200 chairs. The Placement Multimedia Room has a capacity of around 100 chairs. There are two Amphitheatres and a Common Yoga Open Hall. ;

Athletics standard track with gallery seating capacity of 15000; 3 Basketball courts; Cricket, Hockey, Handball, kho-kho, Kabaddi Courts; Indoor 10mts shooting range, Mini Indoor hall are parts of sports infrastructure. Synthetic Tennis court; Table Tennis Board Room (hostel); Netball court; Cricket nets are also important constituents of Bachelor of Physical Education course. College has initiated CAMP Gis to make assets of the college including flora.

Integrated Library Management System facility is available developed in four stages.

Phase I: Partial automation, 1999; Phase II: Full automation, 2012; Phase III: Migration to KOHA-ILMS, 2020; Phase IV: Integrated LMS-further upgraded to KOHA version 21.05.05.003 in 2021.

The ground floor is a commonplace with 300 seats; RUSA funded Audio Lab for audio-book production- audio books for visually impaired students ; Digital library for UG/PG students- comprising 40 computers and uninterrupted internet; Periodical section Newspaper section; Reprographic section; Research Hub for PG and research students; Reference section; . In-house and remote access to e-resources; Online Question Bank;

Audio-visual library cum conference hall is available. Library Committee is in place. Working Hours of the library are- On working days: 8.00 am to 5.00 pm On vacation days: 9.00 am to 4.00 pm;

Online E-Resources are- NLIST, DELNET, National Sugamya Pustakalaya, Pearson E-Library, DSpace@Christ Digital Library Special Services;

Career-oriented books in the library are for NET/JRF, CAT, MAT, G-MAT, C-MAT, PSC, UPSC, IIT Entrance, Bank Test, LIC, CA examinations etc.;

Plagiarism Check facility using OURIGINAL software is also available. Extension activities like national seminars, workshops etc.,; Internship for Library science students are also organized.

Books and Physical Resources Number Books - 75510; Journals and Periodicals - 85; Archives - 3500; Electronic resources (CD & DVDs) - 1150; Audio Books - 85; Theses and Projects/Dissertations – 750.

The three divisions operating under IT Coordinator of the college are: Computer Centre Network, Automation, and Communication Centre Store;

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

52 Campus Wi-Fi access points 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;

In-house hosting of Servers (6 Nos) with 6 Public IPs provided by ISP for Website DSpace MOODLE; College ERP; Linways Technologies Booking system; Gate Pass System are other facilities under this

category.

Sufficient amount of money is allotted for IT augmentation and maintenance. Amount spent in 2020-21 is Rs.46,42,367 lakh.

Usage of ICT and infrastructure facilities: The procedures and policies are established, published and communicated to the stakeholders and reviewed periodically; *e-portal*; *e-booking* system through the college website - the bookings is recorded automatically in the calendar so that the stakeholders can know about the availability; Appointment Booking Portal -Appointment with Principal and Finance Officer.

E- Learning facilities - 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;

‘Christ College Support Centre’- repair and maintenance; Security and parking.

College Canteen Committee; Library and Purchase committee; Stadiums given to external agencies – revenue generated.

Revenue is generated from College guest rooms. Periodical cleaning of solar panels are available other facilities.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution
5.4	Alumni Engagement
5.4.1 QIM	The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Qualitative analysis of Criterion 5

Student Council (Union) works with the Management and Staff. It assists all Clubs and Committees. *Election* (as per guidelines of Lyngdoh Commission Report) of the Student Council Representatives from each class are selected via election to the College Parliament.

The major activities of the Student Council include -Coordinating curricular, co-curricular, and extracurricular activities; Celebration of major festivals and days of national/international importance;

Fine Arts Secretary organizes cultural activities. General Captain is responsible for proper organization of Sports and games. Student Editor works under the supervision of staff editors for publication of College Magazine. Students Council rose to the occasion by acting as volunteers during Covid time and flood relief activities.

Students' IQAC: 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.

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.

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;

Functions: 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 student;. 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;

Online global alumni meet is conducted on December 26 every year;

Financial Support during the period 2016-21- The alumni contributed Rs. 32 lakhs to institute endowments for

students of B. Sc/M.Sc. Chemistry;

Physics, Chemistry, Commerce division of Alumni Association contributed magnanimously towards establishment and renovation of laboratories *but extent of fund or asset value not provided*;

Alumni are members of the College Academic Council, IQAC, Boards of Studies, and PTA.

Alumni talks are conducted by Alumni Association of the College in collaboration with departments and clubs-*details to be verified*;

NSS Old Volunteers Association; Football Alumni Meet are other components of the alumni.

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Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution
6.1.2 QIM	The effective leadership is reflected in various institutional practices such as decentralization and participative management.
6.2	Strategy Development and Deployment
6.2.1 QIM	The institutional Strategic / Perspective plan is effectively deployed
6.2.2 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institution conducts internal and external financial audits regularly
6.4.3 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	Internal Quality Assurance System
6.5.1 QIM	<p>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)</p> <p>Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)</p>
6.5.2 QIM	<p>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</p> <p>(For first cycle - Incremental improvements made for the preceding five years with regard to quality</p> <p>For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)</p>

Qualitative analysis of Criterion 6

Mission of the college is to impart quality education, imbued with Indian ethos and enriched with universal values;

The participatory model of Good Governance in tune with the vision and mission is evident in the organogram of the College.

Christ College *Educational Society* Apex body

Management Governing Council is the Statutory advisory body.

College Autonomous Governing Council is Statutory decision-making body

Academic Council Governs the academic functioning

Board of Studies decides the curriculum- *Core Committee*

The Advisory Body headed by the Principal includes Vice-Principals, Deans, Controller of Examinations, IQAC Co-ordinator and Finance Officer (Bursar)- and other bodies;

HoDs/ Programme Coordinators strengthen the culture of academic excellence by rendering ardent support to students and teachers;

College strategic plan 2021-2030 has been designed to discuss future plans.

IQAC incidental surveys are also conducted.

The management of the college believes in decentralization and participative management has been depicted under the Organogram of the college and their activities under 6.1.1 which is after consultations with Student Council, Alumni and Parent Teacher Association.

As its case study the name of new B.Voc Programmes may be mentioned.

Principal & Management Governing Body; Christ College Educational Society; involvement of UGC Coordinator, IQAC Coordinator, and Dean of Science; feedback from alumni; College Council Meeting; The feasibility committee in discussion with industrial experts; suggestions from all stakeholders; Academic Council; Governing Council approval and submission to University and UGC reflects the decentralization and participative management.

The HODs in consultation with College Bursar, UGC nodal officer and Librarian establish the laboratories, and purchase required books and work of establishment of new departments.

The institutional strategic plan of Christ College has been developed after SWOC analysis through IQAC and formulated after consultation with all the stakeholders;

For development of e-content of the college used during Covid -19 pandemic to impart Online Education, 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;

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.

Two dedicated e-content development centers are established in the college. Open course ware (integrated

MOOC); Audio laboratory; MOODLE LMS Video laboratory NPTEL- SPOC Registration e-content development centre/conference room at the library are other initiatives.

Appointment of staff is done as per the regulations of UGC, University, and Government. Manual of office procedures is adopted for the efficient functioning of the College office;

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;

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 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;

The Finance Committee designs the budget for each academic year;

Research Bodies work under the research nodal officer; other committees work as per the guidelines framed by the college administration.

Medical Maternity leave for teaching and non-teaching staff, Educational assistance (fee concession) for deserving children of staff and Admission preference & Endowments/Scholarships to the children of the staff are some of the welfare measures of the college.

Special leave permission for staff members for completing PhD, Provident fund facility for staff, ESI facility; Vacation allowance to self-financing staff; Financial support for attending professional development programmes can also be considered under this category. Subsidized canteen facilities and salary advance are provided for all the staff members. financial assistance for tour is admissible from Teachers' Club & Administrative Staff Club. –

Research seed money; Publication assistance funding; Academic amenities; Ladies' fitness centre; Filtered drinking water facility; 24/7 free internet facility with 100 Mbps speed are other measures which can be kept under this category.

The College has three accounting entities- Christ College Educational Society Accounts; Charitable Society Accounts; Alumni Association Trust Accounts;

Audit – Internal as well as External. Internal Audit is done by internal auditors of CMI Devamatha Province at the end of financial year. Statutory Audit by Firm of Chartered Accountants is done. College has entrusted internal audits to local firm; The accounts up to financial year 2020-21 are audited by the firm and no major objections were raised therein.

External Audit by the Zonal Deputy Directorate of Collegiate Education, Thrissur and the Office of the Accountant General has been done. No major objections were raised during the external audit;

The government aided funds are subjected to Government Audit.

The audit objections are addressed by the Finance and Resource Mobilization Committee.

Main income resources of the College are 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; well-wishers; Staff contribution; Students (One rupee One Life Project);

Thavanish; Vidyadhanam Project; Endowments- established from well wishers, staff, alumni, retired staff and Grant-in-Aid from Government are other resources.

Division of Resources: New infrastructure; Student support; Research Promotion schemes; Salary; Extension activities; Cultural and academic activities Sports promotion activities; Library expenses; Examination expenses.

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.

Review and Audit has been already mentioned under 6.4.1.

The initiatives of ICT can be mentioned under following categories.

ICT activities for efficient Teaching and Learning were started in the academic year 2016-17.

College utilized UGC Autonomous Grants to establish recording studio and lecture capturing systems;

MOODLE Learning Management System was Established in May 2017; Christ Open Course Ware-5 value added foundation courses and 26 subject courses are disseminated through Christ Open Course Ware;

Two dedicated YouTube channels with 700 high quality video lectures;

NPTEL & COURSERA; 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;

IQAC spearheaded the introduction of value-added certificate courses in the College.

Seven teachers got certified from Microsoft Excel

The official inauguration of the industry-linked value-added courses was done on 23 October 2018.

Reformation of teaching-learning process

Areas of IQAC interventions: (1) Beyond Screening Test Procedure (BSTP) and (2) Continuous Evaluation System (CES);

BSTP: Screening Test- online MOODLE LMS to assess the knowledge and skills of students (2019 onwards) through English test, Psychometric Test and core subject; Outcome of screening test;

Corrective Actions and Support Systems Foundation Courses: IQAC initiated four value-added foundation courses which are compulsory for all first-year students;

Peer Learning Group (PLG);

Continuous Evaluation System (CES): CRAR and OBE;

Workshop on “Outcome Based Education”; Draft of OBE manual; Workshop on “OBE Attainment Calculations”; Implementation of OBE Software and attainment calculations are other attainments.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the last five years.
7.1.3 QIM	Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words) <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.8 QIM	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).
7.1.9 QIM	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).
7.1.11 QIM	Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).
7.2	Best Practices
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	Institutional Distinctiveness
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7

Under this head the initiatives can be mentioned as under-

Gender sensitization, WDC, Departments, Students' Clubs and Student Union. 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;

Contribution of Dept.of History and Social work, Psychology, Economics may also be mentioned under this category.

WDC organizes workshops, seminars, invited talks, exhibitions, and poster making competitions self-defense and self-confidence training for girl students.

Choottu (the torch) activity has been conducted by Social Work Department. Under this theme a webinar on the theme Recast Women-Reality and Prospects was also conducted. ;

Students Clubs, Thavanish, Readers Club activities also work for promotion of Special Facilities for Women.

MoU with the leading agency Integrated Rural Technology Centre, Palakkad for awareness and waste

management has been signed.

Management of Biodegradable Waste *Biogas Plant* from Men's hostel canteen. Generated biogas is used in the hostel kitchen and the slurry is used as an organic soil amendment for gardening.

Vermicomposting Unit- dried leaves from garden and waste from college canteen is used as manure for the plants in garden.

Management of Non-biodegradable Waste; segregation of solid&Municipality is also in place.

Student clubs Bhoomithrasena and Enviro Club also contribute in this venture.

Management of Hazardous Chemicals and Radioactive Waste; Management of Non-hazardous Liquid Waste; E-waste Management are other initiatives.

The paper recycling unit which is generating revenue form the students with the title- Earn while you learn. The NSS unit of the college has initiated the PEN DRIVE programme in which the plastic body of the pens is collected and reused.

The institution organizes activities on regular basis to build and promote an environment for ethical, cultural, and spiritual values and to inculcate environmental consciousness, student support, and human values, cultural and gender equity among the students and staff.

In order to cater to linguistic diversity, competitions like essay writing, elocution, and intercollegiate quiz competition were conducted; Traditional Manipuri Dance and Odissi are organized.

Other programmes are-

SAVISKARA - a programme for the differently-abled children

SRAVYAM - the audio recording of books for the visually challenged

Okhi cyclone disaster relief and rescue programme

Universal sanitation coverage, Suchithwa Mission Swachh Bharath

Celebration of the cultural diversity programmes; Celebration of 'days' for bringing environmental consciousness are other initiatives.

Sensitizing of staff and students towards their constitutional duties and rights is conducted quite on regular basis.

Policies of Institution for promotion of constitutional obligation- persons with disabilities Policy; procedures against plagiarism; Gender policy; Intellectual property rights policy are other policies which are worth mentioning under this head.

Audit Course on Human Rights; Induction class on Duties and Responsibility of a Student Citizen, Value Added Certificate Courses Certificate Course on Constitutional Values are other initiatives.

Fundamental rights are included in the syllabi of social sciences.

Independence day, Gandhi Jayanti, Republic day, National Voters' Day, Human Rights Day etc. are observed. NSS volunteers Cycle Rally by Cycle Club for exhorting citizens to utilize their voting rights are observed.

Display of Preamble of Indian Constitution, Fundamental Rights and Duties in College Library Webinar series by Dept of History on "Nationalism: Different Perspectives" Faculty enrichment programme on Universal Human Values is conducted by IQAC.

National/international commemorative days are frequently celebrated in the college. To mention only a few, the following names may be mentioned-

Independence Day & Republic Day Celebrations

Gandhi Jayanthi Teachers' Day Celebrations

Women's Day (8th March) World Environment Day (5th June)

Ozone Day, World Water Day, and World Wetlands Day, Yoga Day

Christmas, Onam, Holi, Ramzan, and Eid Ul-fitr

Human Rights Day (10th December)

The other days that are celebrated 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 etc.

Best Practices

Best Practice - 1 Title of the Practice: ICT Integration and e-Learning

Best Practice - 2 Title of the Practice - Earth for All: Environmental Consciousness among Students

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.

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.

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.

The differently-abled children from four districts of Thrissur, Ernakulam, Malappuram, and Palakkad are invited to College for a minimum of two days and they are presented with an opportunity to showcase their cultural talents.

This is organized to Support and encourage the differently-abled students in a concrete manner by providing a specific platform to exhibit their talents develop and instill a sense of social responsibility.

The financial support needed for the programme is channelized through voluntary donations from generous people. 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.

Target Participants and Audience: Differently-abled students from special schools and special homes from the districts of Thrissur, Ernakulam, Malappuram, and Palakkad

No of Schools participated @ 15 in 2017-18, 2018-19, 2020-21 and 20 in 2019-20

Section III:OVERALL ANALYSISbased on Institutional strengths.Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words)

Strength:

The College was established in the year 1956 in semi-urban area and was conferred with Autonomous status in 2015. Its vision and mission is to **impart quality education imbued with Indian ethos and enriched with universal values, mould the students as intellectually competent and train them as responsible citizens of the nation.** The campus is spread across 47 acres of land with adequate infrastructure. It observed that the encouraging leadership, governance and the College Education Society, Management and Autonomous Governing Councils and other bodies of the college have proved to be a significant boon for the institution's overall growth.

The college being an Autonomous institution is capable of introducing new programmes and courses and hence the students have a lot to gain from innovative and multi-disciplinary nature of the various core courses, add-on courses and self-financed courses which give a variety of options to choose specialised UG courses. Since the institution offers P.G. and Ph.D., there is an opportunity for the students of the college to pursue their higher studies. Academic flexibility remains yet one of the core and potential aspect of the curriculum design, with which the students can opt career oriented or job oriented courses.

The student-centric teaching pedagogy blended with latest ICT equipments is another area which can enrich the knowledge of both general as well as differently-abled students. The institution provides research seed money to the Faculty members to pursue Ph.D. and in other emerging areas. The College is devoted to transform the students' overall personality and thus, has adopted measures to organize various soft-skill development programmes. The institution designed special programmes for advanced and slow, middle and advanced learners at the entry level and end semester exams. Remedial coaching classes are conducted for slow, middle and advanced learners. The transparent and robust continuous internal evaluation (CIE) system of the institute improved academic performance of the students.

The institution has adequate infrastructure with spacious ICT-equipped classrooms, seminar halls, audio video recording rooms, research labs, campus wifi access points with new ergonomic seating arrangements. Excellent indoor and outdoor facilities for sports are also provided. There is a separate two storied Library (fully automated with KOHA-ILMS) building with a large collection of reference books (75,510) and journals. E-resources of the library include NLIST, DELNET, National Sugamya Pustakalaya, Pearson-E-library and DSpace@Christ Digital Library. It has access to e-books and e-journals.

Though there are few research labs and doctoral programmes, there is a major deficiency in research activities of the institution. Very few teachers of the institution are involved in research activities. Number of publications in UGC Care list/Web of Science & Scopus ranged between 14(year 2016) to 86 (year 2020). Number of publications per faculty member per year in journals is less one (0.99) which is a matter of concern. The percentage of teachers having research projects during the last five years was also just 3.67. The number of teachers awarded national/international fellowship for research and publication books is negligible. The research projects, publications and constancy services needs major re-visit. There is no formal linkage with reputed national and international organization for knowledge partnership. Number of students qualifying in competitive examinations and pursuing higher education, selected for jobs after leaving the institution is limited.The number of students and staff members from other states and countries is negligible.

Weaknesses:

Due to its establishment in semi-urban area, the college has locational disadvantage in attracting diverse talent from other states. Therefore, the number of students and staff members from other states and countries is limited in the institution. Number of students qualifying in competitive examinations, getting selected for jobs in placements, outgoing students progressing to higher education, participating in research activities/potential employment oriented collaborations is limited.

Opportunities:

In spite of the semi-urban location of the college, having Autonomous status it has ample of scope to cherish. The College has the potential to invite more reputed companies for the campus recruitment drive. The number of outgoing student progressing to higher education should be increased. It should introduce need based courses and encourage more number of faculty members to undertake major research projects and to acquire doctoral degrees. Involve Alumni actively for the comprehensive development of the institution. It should attract more number of employment potential MoUs/collaborations, particularly industry based, with local, national and international organisations. By overcoming these, certainly the institution will achieve the target of becoming 'Deemed to be University by 2030' as framed one of the main targets in its Strategic Plan-2025-30.

Challenges:

Due to globalization and IT revolution enormous changes have taken place in the education field. Many private and foreign Universities are emerging. Mushroom level growth is observed in the establishment private college. Open and Distance Learning centres are offering various courses. Educational institutions are facing the problem of shortage of qualified faculty/faculty with rich academic background. Investment on ICT equipment is another big issue. In order to withstand, the institution has to face these challenges suitably to alive in the field through implementation of its academic plans strategically.

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- To introduce vocational courses prescribed by NSDC and NSQF under its different sector skill councils
- To introduce quality courses on STEM (Science, Technology, Engineering and Mathematics) so as to place their students on top of the global community
- Full implementation of NEP
- To go all out for quality research publications in all branches of knowledge
- Enhancement of value added courses
- Education for societal purposes should be enhanced
- To incorporate components of local relevance, regional relevance, national relevance and global relevance in all branches of knowledge
- Researchers of the college should work on projects which may lead them to fields from labs and ultimately from Lab to product
- Faculty members should be motivated to apply for more research grants from State and Central organisations
- MoUs/collaborations with reputed national and international organisations to be undertaken

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. HOSHIYAR DHAMI	Chairperson	
2	DR. KRISHNAN KRISHNAN	Member Co-ordinator	
3	DR. LIMBAGOUD SAYADGAR	Member	
4	Dr. M.S. Shyamasundar	NAAC Co - ordinator	

Place

Date

NAAC

NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 4)

**CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA,
THRISSUR, Kerala, 680125**

Track ID : KLCOGN10419

AISHE-ID : C-8213

Visit dates : 13 - 10 - 2022 to 14 - 10 - 2022

Grade Sheet



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Name of the Institution: CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Type of the Institution: Autonomous colleges

Dates of Visit: 13 - 10 - 2022 to 14 - 10 - 2022

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point (CrWGP _i)	Criterion- wise Grade Point Averages (CrWGP _i / W_i)
1	Curricular Aspects	150	560	3.73
2	Teaching-learning and Evaluation	300	975	3.25
3	Research, Innovations and Extension	145	496	3.42
4	Infrastructure and Learning Resources	100	377	3.77
5	Student Support and Progression	90	324	3.6
6	Governance, Leadership and Management	92	337	3.66
7	Institutional Values and Best Practices	100	366	3.66
Total		$\sum_{i=1}^7 (W_i) = 977$	$\sum_{i=1}^7 (CrWGP_i) = 3435$	3.52

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (CrWGP_i)}{\sum_{i=1}^7 (W_i)} = \frac{3435}{977} = 3.52$$

Grade: A++

Name of the Institution: CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Type of the Institution: Autonomous colleges

Dates of Visit: 13 - 10 - 2022 to 14 - 10 - 2022

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points ($(KIWGP)_i$)
Criterion 1: Curricular Aspects			
1.1	Curriculum Design and Development	50	180
1.2	Academic Flexibility	40	140
1.3	Curriculum Enrichment	40	160
1.4	Feedback System	20	80
Total		$\sum W_1=150$	$\sum (KIWGP)_1=560$
Calculated CrGPA₁ = $\sum (KIWGP)_1 / \sum W_1 = 560 / 150 = 3.73$			
Criterion 2: Teaching-learning and Evaluation			
2.1	Student Enrollment and Profile	20	70
2.2	Catering to Student Diversity	30	105
2.3	Teaching- Learning Process	50	170
2.4	Teacher Profile and Quality	50	115
2.5	Evaluation Process and Reforms	50	170
2.6	Student Performance and Learning Outcomes	50	180
2.7	Student Satisfaction Survey	50	165
Total		$\sum W_2=300$	$\sum (KIWGP)_2=975$
Calculated CrGPA₂ = $\sum (KIWGP)_2 / \sum W_2 = 975 / 300 = 3.25$			
Criterion 3: Research, Innovations and Extension			
3.1	Promotion of Research and Facilities	20	56
3.2	Resource Mobilization for Research	10	30
3.3	Innovation Ecosystem	10	35
3.4	Research Publications and Awards	25	55
3.5	Consultancy	10	40
3.6	Extension Activities	50	200
3.7	Collaboration	20	80
Total		$\sum W_3=145$	$\sum (KIWGP)_3=496$
Calculated CrGPA₃ = $\sum (KIWGP)_3 / \sum W_3 = 496 / 145 = 3.42$			
Criterion 4: Infrastructure and Learning Resources			
4.1	Physical Facilities	30	120
4.2	Library as a Learning Resource	20	65
4.3	IT Infrastructure	30	112
4.4	Maintenance of Campus	20	80

No	Criteria and Key Indicators	Key Indicator Weightage (W_i)	Key Indicator Wise Weighted Grade Points ($KIWGP$) _i
	Infrastructure		
Total		$\sum W_4=100$	$\sum (KIWGP)_4 =377$
Calculated CrGPA₄ = $\sum (KIWGP)_4 / \sum W_4 = 377 / 100 = 3.77$			
Criterion 5: Student Support and Progression			
5.1	Student Support	30	114
5.2	Student Progression	20	60
5.3	Student Participation and Activities	30	110
5.4	Alumni Engagement	10	40
Total		$\sum W_5=90$	$\sum (KIWGP)_5 =324$
Calculated CrGPA₅ = $\sum (KIWGP)_5 / \sum W_5 = 324 / 90 = 3.6$			
Criterion 6: Governance, Leadership and Management			
6.1	Institutional Vision and Leadership	10	35
6.2	Strategy Development and Deployment	10	34
6.3	Faculty Empowerment Strategies	22	84
6.4	Financial Management and Resource Mobilization	20	74
6.5	Internal Quality Assurance System	30	110
Total		$\sum W_6=92$	$\sum (KIWGP)_6 =337$
Calculated CrGPA₆ = $\sum (KIWGP)_6 / \sum W_6 = 337 / 92 = 3.66$			
Criterion 7: Institutional Values and Best Practices			
7.1	Institutional Values and Social Responsibilities	50	196
7.2	Best Practices	30	90
7.3	Institutional Distinctiveness	20	80
Total		$\sum W_7=100$	$\sum (KIWGP)_7 =366$
Calculated CrGPA₇ = $\sum (KIWGP)_7 / \sum W_7 = 366 / 100 = 3.66$			
Grand Total		977	3435

$$\text{Institutional CGPA} = \sum_{i=1}^7 (CrWGP_i) / \sum_{i=1}^7 (W_i) = 3435 / 977 = 3.52$$

NAAC

Institutional Assessment and Accreditation

(Effective from July 2017)

Accreditation - (Cycle: 4)

**CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA,
THRISSUR, Kerala**

Track ID : KLCOGN10419

AISHE-ID : C-8213

**Graphical Representation based on Quantitative
& Qualitative Metrics**



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

**Graphical Representation based on Quantitative &
Qualitative Metrics**

Metrics(Q_nM & $Q_I M$) Weightage scored by the institution in percentage

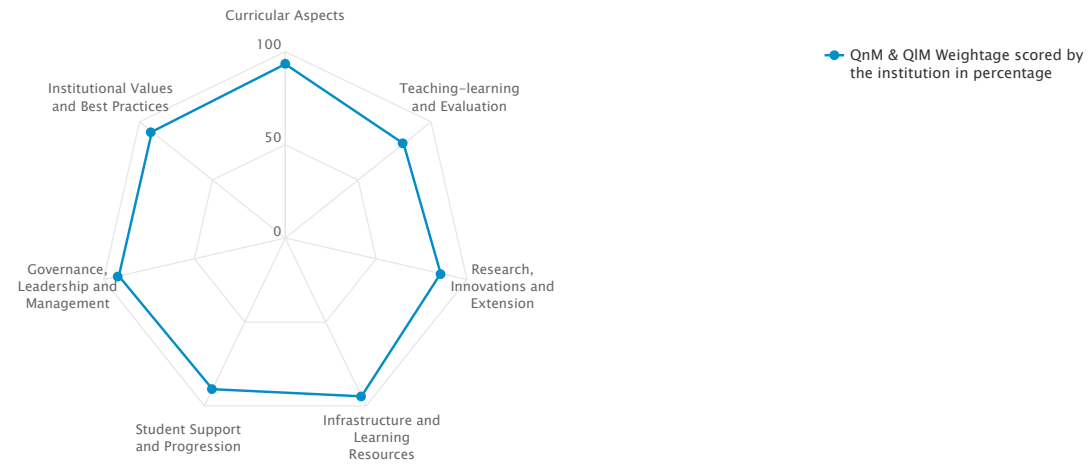
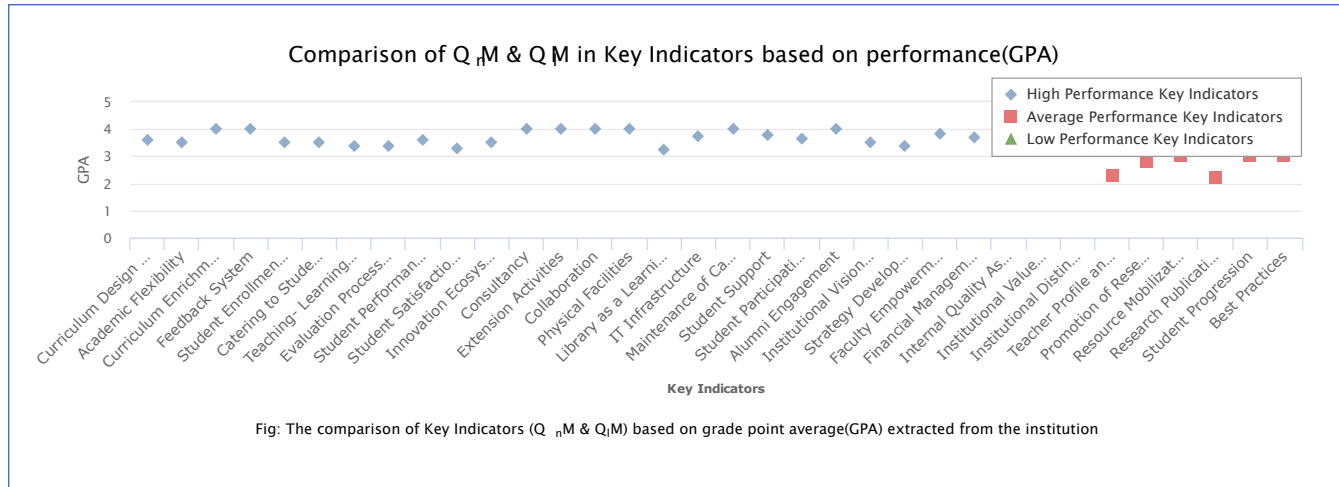


Fig: The criterion wise distribution of weighted scores (Q_nM & $Q_I M$) for the institution



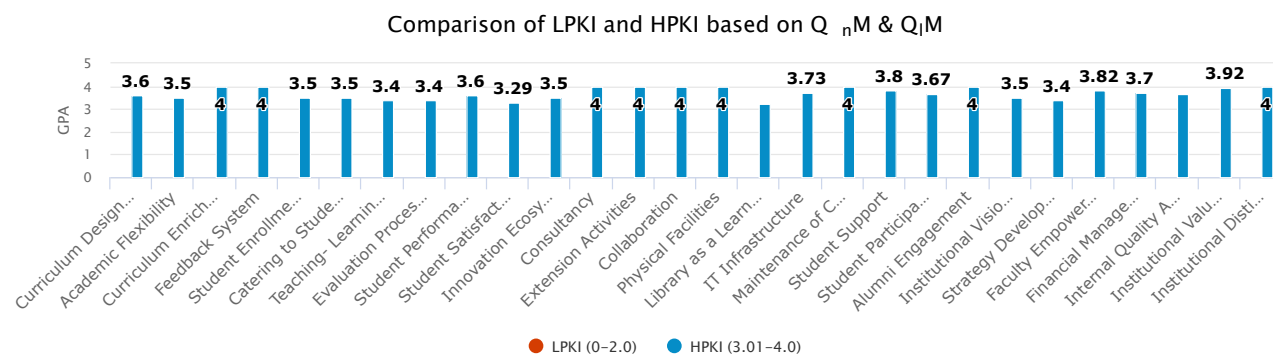


Fig: Comparison of LPKI(0-2.0) and HPKI(3.01-4.0) based on Q_nM & Q_iM

Distribution of High Performance Key Indicators (3.01–4.0)

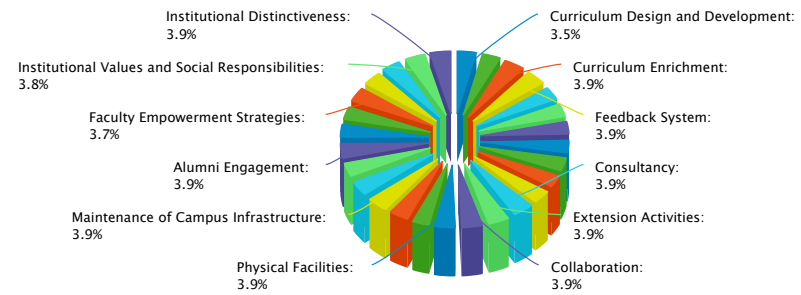


Fig: High Performance Key Indicators(3.01–4.0) for the institution

Distribution of Average Performance Key Indicators (2.01–3.0)

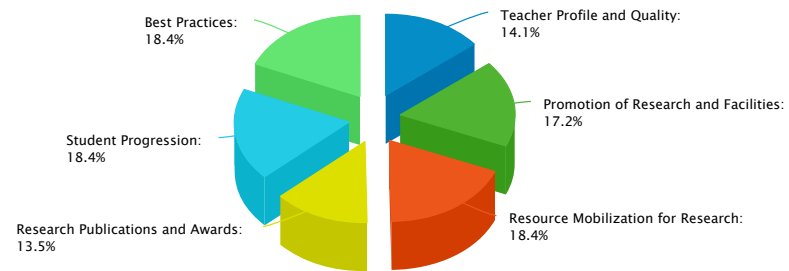


Fig: Average Performance Key Indicators(2.01–3.0) for the institution

Distribution of Low Performance Key Indicators (0-2.0)

Fig: Low Performance Key Indicators(0-2.0) for the institution

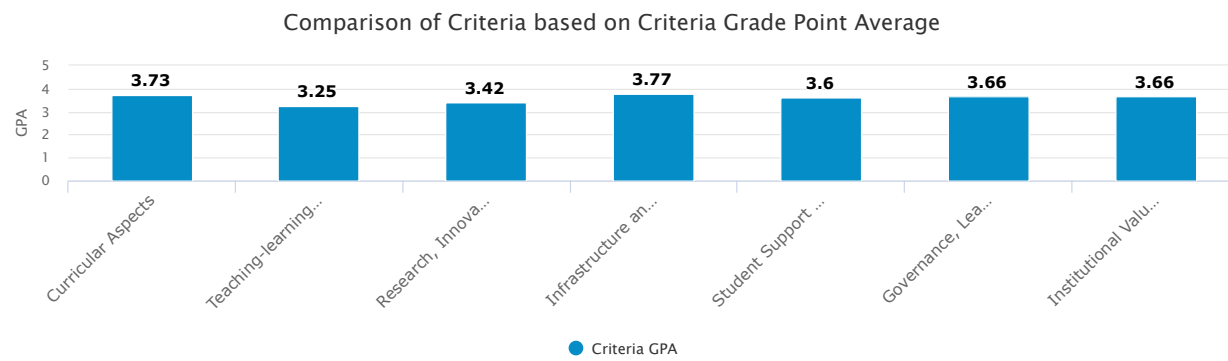
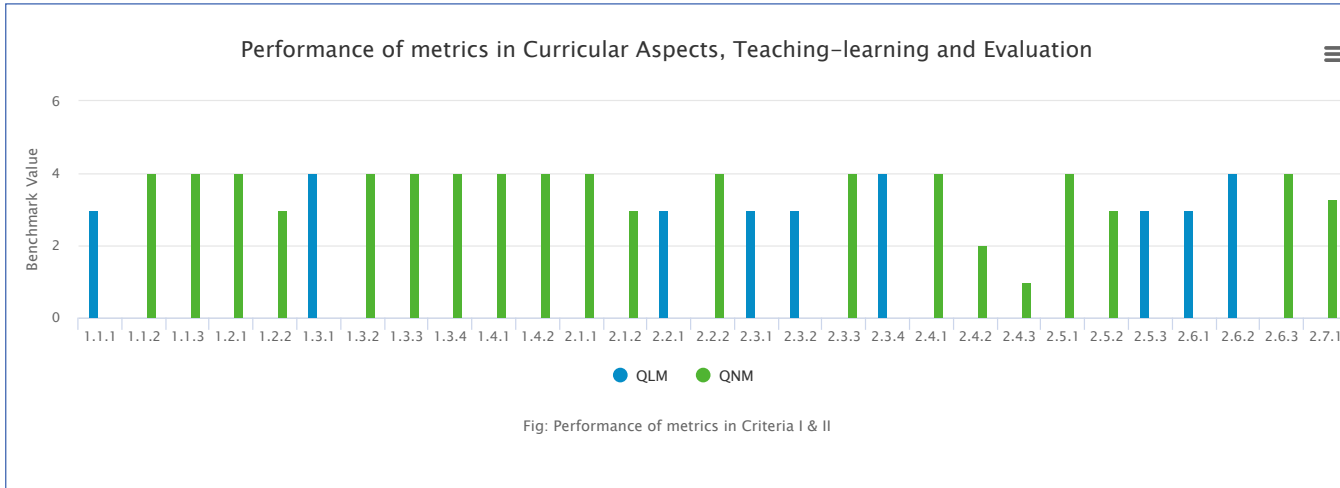
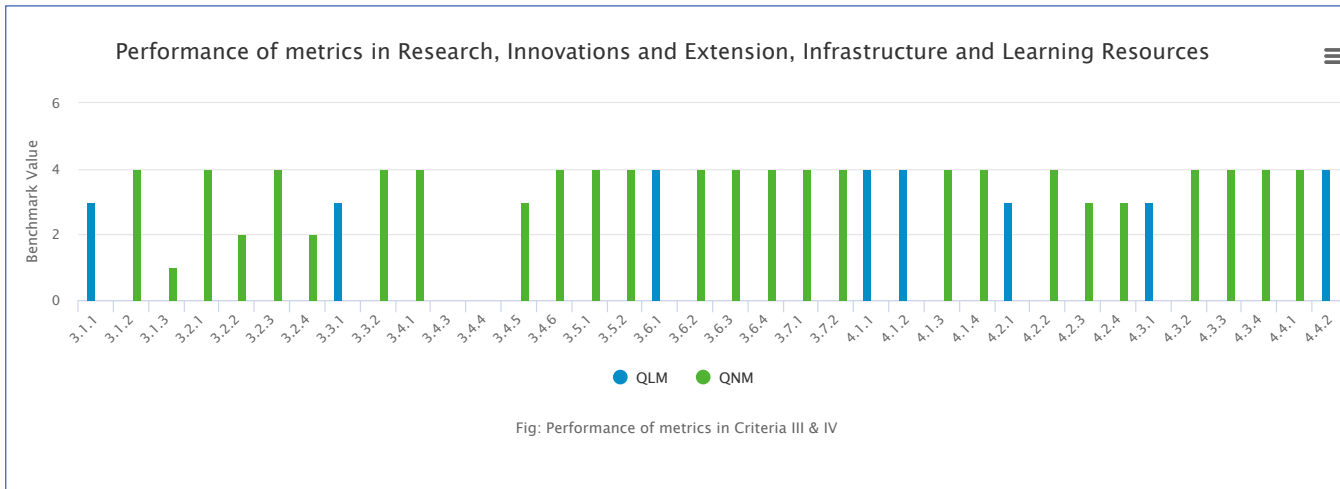
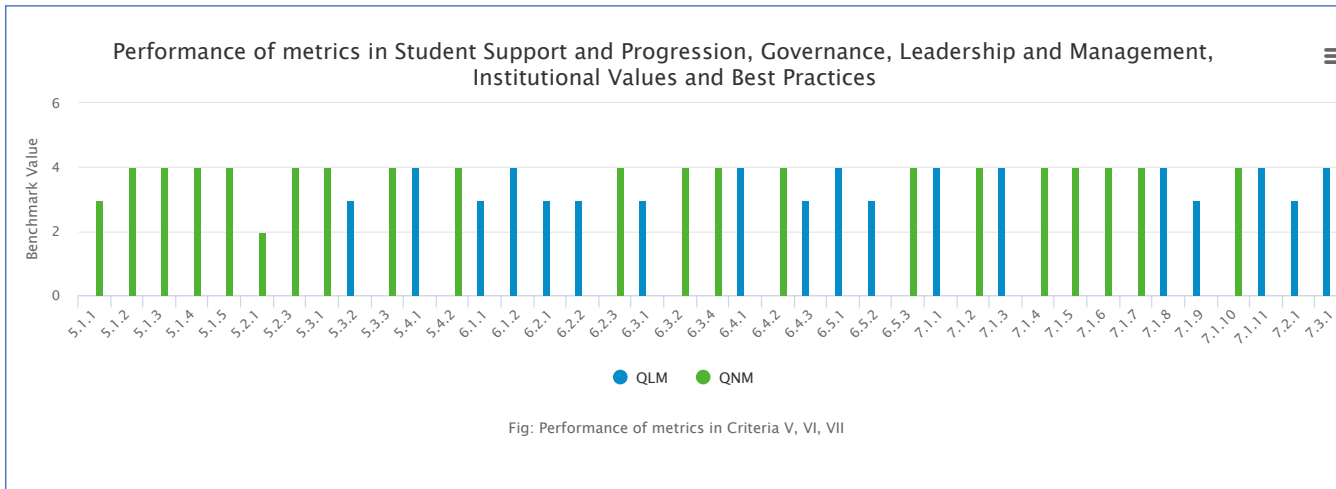


Fig: Comparison of Criteria based on Criteria Grade Point Average







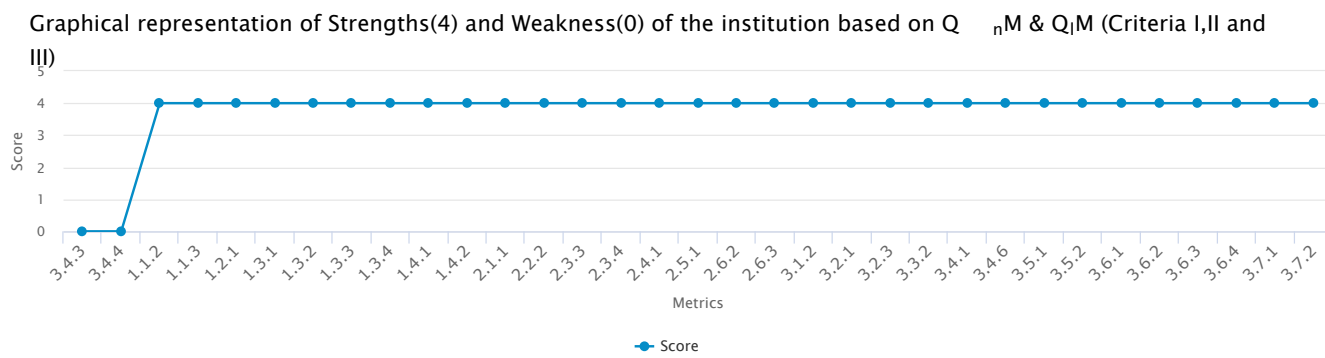


Fig: Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_iM (Criteria I,II and III)

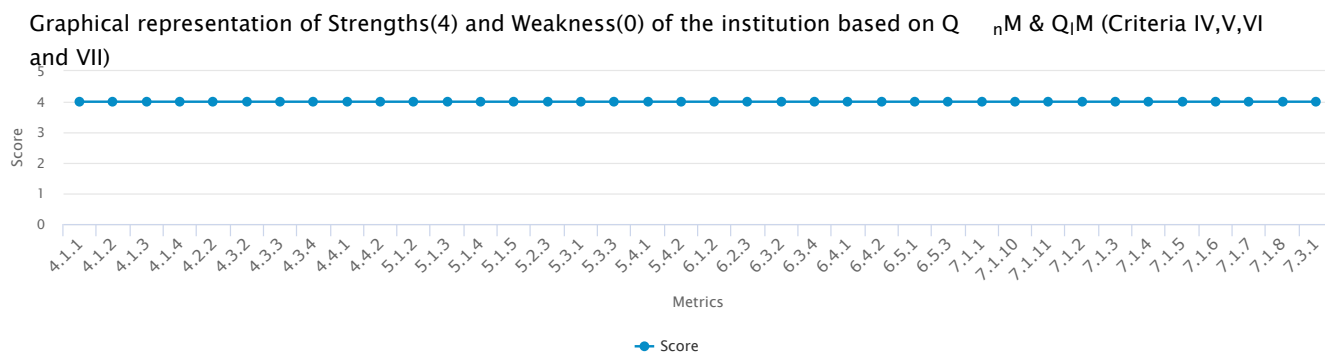


Fig: Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_iM (Criteria IV,V,VI and VII)

Graphical representation of Strengths and Weakness of the institution based on Q_nM & Q_iM (Criteria I,II and III)

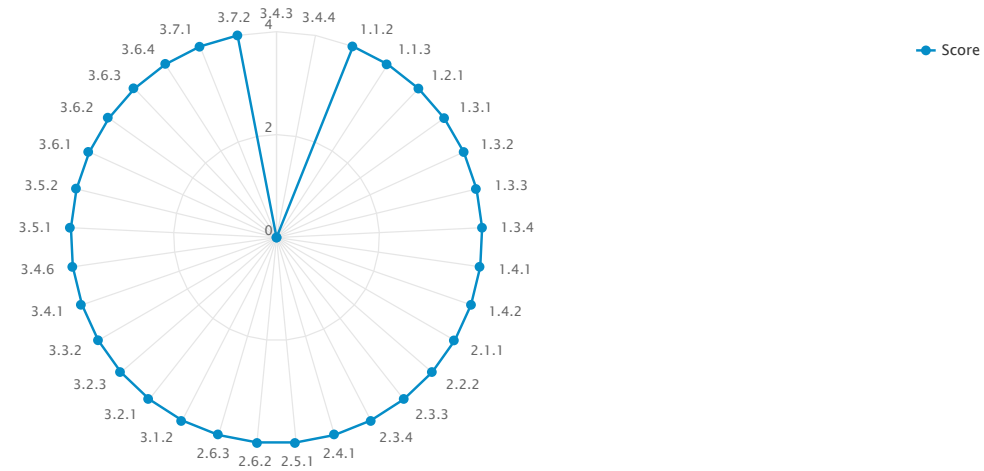


Fig: Graphical representation of Strengths(4) and Weakness(0) of the institution based on Q_nM & Q_iM (Criteria I,II and III)

Graphical representation of Strengths and Weakness of the institution based on Q_M & Q_IM (Criteria IV,V,VI and VII)

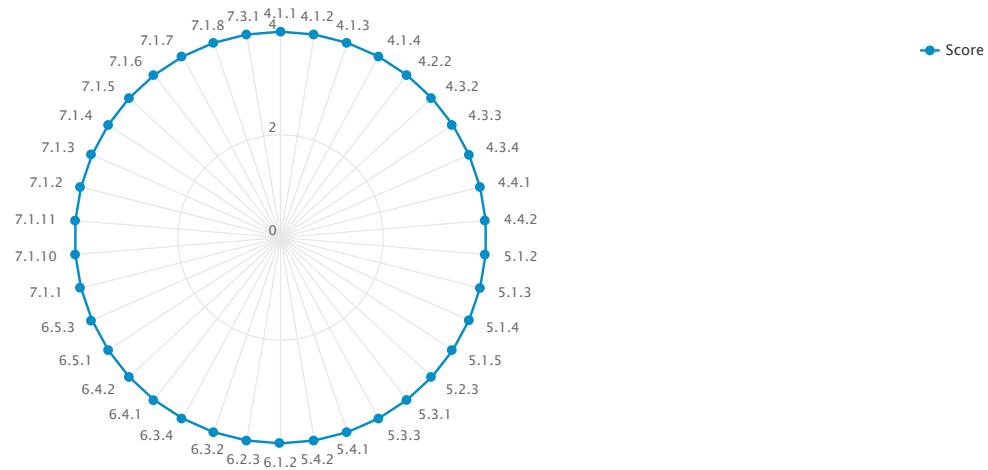


Fig: Graphical representation of Strengths and Weakness of the institution based on Q_M & Q_IM (Criteria IV,V,VI and VII)