

CRITERION 2: Teaching Learning and Evaluation

Total weightage	350
Quantitative	225
Qualitative	125
Key Indicator	07
Metrics	16

Distribution of weightage

Key Indicator	Weightage
2.1. Student Enrolment and Profile	40
2.2. Catering to Student Diversity	50
2.3. Teaching- Learning Process	50
2.4. Teacher profile and quality	60
2.5. Evaluation Process and Reforms	30
2.6. Student Performance and LO	60
2.7. Student Satisfaction Survey	60

2.1. Student Enrolment and Profile

2.1.1. Enrolment percentage: Total seats (Q_nM: 20)

Academic Year	Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
2020-21	BSc Chemistry	BSCH	24	24
2019-20	BSc Chemistry	BSCH	24	24
2018-19	BSc Chemistry	BSCH	24	24
2017-18	BSc Chemistry	BSCH	24	24
2016-17	BSc Chemistry	BSCH	24	24

List of Students

2.1.2. Enrolment percentage: Reserved seats (Q_nM: 20)

Academic Year	Number of seats earmarked for reserved category					Number of students admitted from the reserved category				
	SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
2020-21										
2019-20										
2018-19										
2017-18										
2016-17										

List of Students

2.2. Catering to Student Diversity

2.2.1. Programmes for Advanced & Slow Learners (Q₁M: 30)

Identifying Advanced & Slow Learners

- Teacher-student interactions
- Class tests
- Feedback of tutor
- Feedback of mentor

Documents to be Prepared

- List of learners
- Question papers
- Tutorial register
- Mentor's register

2.2.1. Programmes for advanced & slow learners

Programmes for Advanced Learners

- Institutional internships
- Walk With the Scholar (WWS)
- Research-oriented projects
- JAM/NET/GATE coaching classes
- Peer teacher

Documents to be Prepared

- Details of internships
- List of students
- Details of projects
- Logbook of coaching
- List of peer teachers

- Success story with evidence and photographs of programmes
- Testimonials from students

2.2.1. Programmes for advanced & slow learners

Programmes for Slow Learners

- Remedial Coaching
- Scholar Support Programme (SSP)
- Bridge Courses
- Self-learning materials
- Group assignments and projects

Documents to be Prepared

- Logbook of coaching
- List of students
- Details of programmes
- Printed copies/videos
- Details of activities

- Success story with evidence and photographs of programmes
- Testimonials from students

2.2.2. Student –Teacher ratio (Q_nM: 20)

Name of teacher	PAN	Designation	Year of appointment	Nature of appointment	Department
Seno Jose	AJCPJ6910H	Associate Professor	2006	Permanent	Chemistry
Smitha V K		Assistant Professor	2007	Permanent	Chemistry

- Appointment order of teachers

2.3. Teaching- Learning Process

2.3.1. Student-centric learning enhancement methods (Q₁M: 20)

Student-centric methods

- Peer learning
- Student seminars
- Field visits/study tour
- Student projects/OJT
- Industrial/institution visits
- Flipped/online/video classes

Relevant documents

- Peer learning logbook
- Seminars details
- List/Report/photographs
- List/Report
- List/Report/photographs
- Materials/link

2.3.2. ICT enabled tools and Institutional LMS (Q₁M: 15)

Strategies to be implemented & documents required

- Each department may have at least one smart classroom
- All the classrooms may be provided with LCD/LED projector
- All teachers may undertake a training for using smart board
- Each teacher may provide a minimum of three courses *via* LMS
- Photographs of all smart classrooms
- Certificates of ICT training programmes attended
- Relevant LMS link of courses

2.3.3. Ratio of mentor to students (Q_nM: 15)

Data and documents required

- Year-wise list of students to mentor ratio
- Mentor-to-mentee list (sorted mentor-wise and mentee-wise)
- Circular of the Principal on mentoring (Year-wise)
- Mentor's register (list of students, attendance, meetings, issues)
- Photographs of programmes/meeting

2.3.3. Ratio of mentor to students

Year	Number of students enrolled	Number of fulltime teachers	Student-Mentor ratio
2020-21	84	6	14
2019-20			
2018-19			
2017-18			
2016-17			

Mentor-to-mentee list (Mentor-wise)

Name of the Mentor	Class	Admission Number	Name of the Student
Seno Jose	III BSc	1321	Saran R
	III BSc	1322	Vishnu C
	II BSc	1631	Uvais A
	II BSc	1632	Anandu S
	II BSc	1633	Vineetha M

Mentor-to-mentee list (Mentee-wise)

Name of the Student	Class	Admission Number	Name of the Mentor
Saran R	III BSc	1321	Seno Jose
Vishnu C	III BSc	1322	Seno Jose
Anjali Nair	III BSc	1323	Smitha VK
Anjumol P	III BSc	1324	Smitha VK
Bijimol K	III BSc	1325	Anila B N

2.4. Teacher Profile and Quality

2.4.1. Average percentage of full time teachers (Q_nM: 20)

Data and documents required

- Year-wise list and details of full-time teachers
- Orders regarding appointment, probation and joining
- Year-wise list and details of sanctioned posts
- Profile of teachers

Year-wise list of full time teachers

Name of teacher	PAN	Designation	Year of appointment	Nature of appointment	Dept	Teaching experience
Academic Year 2016-17						
Mercyamma Francis		Associate Professor	1998	Permanent	Chemistry	
Rita Mendiz		Associate Professor	2000	Permanent	Chemistry	
Seno Jose		Assistant Professor	2006	Permanent	Chemistry	
Smitha V K		Assistant Professor	2007	Permanent	Chemistry	
Anila B N		Assistant Professor	2011	Permanent	Chemistry	
Manukumar N		Assistant Professor	2013	Permanent	Chemistry	

2.4.2. Percentage of full time teachers having PhD (Q_nM: 20)

Data and documents required

- Year-wise list of full-time teachers having Ph. D.
- Copy of Ph.D. certificate

Name of Teacher	Qualification	Year of getting PhD	Department
Academic Year 2016-17			
Mercyamma Francis	MSc, PhD	2000	Chemistry
Rita Mendiz	MSc, PhD	2000	Chemistry
Seno Jose	MSc, PhD	2007	Chemistry

2.4.3. Teaching experience of in the same institution (Q_nM: 20)

Data and documents required

- Year-wise list of teaching experience of full-time teachers
- Copy of joining report in Government College Kottayam

Name of teacher	PAN	Designation	Year of appointment	Nature of appointment	Dept	Teaching experience*
Academic Year 2016-17						
Mercyamma		Asso. Professor	1998	Permanent	Chemistry	6 years
Rita Mendiz		Asso. Professor	2000	Permanent	Chemistry	2 years
Seno Jose		Asst. Professor	2006	Permanent	Chemistry	7 years
Smitha V K		Asst. Professor	2007	Permanent	Chemistry	6 years
Anila B N		Asst. Professor	2011	Permanent	Chemistry	2 years
Manukumar		Asst. Professor	2013	Permanent	Chemistry	1 year

2.5. Evaluation Process and Reforms

2.5.1. Mechanism of internal assessment (Q₁M: 15)

Data and documents required

- College level Internal Examination Committee
- Department-level Internal Examination Committee
- Examination Calendar (Year-wise)
- Internal examination question papers (Year-wise)
- Details of Seminars, Projects, Assignments (Year-wise)
- A and B forms (Year-wise)

Examination Calendar for the Academic Year 2016-17

Sl No	Programme	Class	Internal Examination	Announcement of results (IE)	University Examination
1	BSc Chemistry	Semester 1	30/10/2016 – 04/11/2016	12-11-2016	24-11-2016
2	BSc Chemistry	Semester 2	16/03/2017 – 20/03/2017	27-03-2016	08-04-2017
3	BSc Chemistry	Semester 3	14/10/2016 – 18/10/2016	27-10-2016	08-11-2016
4	BSc Chemistry	Semester 4	08/02/2017 – 12/02/2017	21-02-2017	08-03-2017
5	BSc Chemistry	Semester 5	06/10/2016 – 10/10/2016	27-10-2016	07-11-2016
6	BSc Chemistry	Semester 6	08/02/2017 – 12/02/2017	21-02-2017	07-03-2017

2.5.2. Mechanism to address IE related grievances (Q₁M: 15)

Data and documents required

- Internal Examination Complaint Committee (College level)
- Internal Examination Complaint Committee (Department level)
- Complaints and action taken report

Sl No	Name of student	Class and No	Summary of complaint	Nature of complaint	Status of complaint
1	Saran R	BSc Chemistry 1321	Modification of internal marks	Spoken	Solved in two days
2	Vishnu V	BSc Chemistry 1322	Request for Re-examination	Written	Solved in 8 days

2.6. Student Performance and Learning Outcome

2.6.1. Programme and Course outcomes (Q₁M: 15)

Data and documents required

- Programme Outcomes
- Programme Specific Outcomes
- Course Outcomes
- Syllabus of all programmes

2.6.2. Attainment of POs and COs (Q₁M: 15)

Data and documents required

- Analysis of University Examination Results (Year wise)
- Details of Student Progression to Higher Studies (Year wise)
- Details of Student Employments (Year-wise)
- Feedback of students

2.6.3. Average pass percentage of Students (Q_nM: 30)

Academic Year	Programme	Programme Code	No of Students appeared	No of Students passed
2020-21	BSc Chemistry	BSCH	22	
2019-20	BSc Chemistry	BSCH	23	19
2018-19	BSc Chemistry	BSCH	24	20
2017-18	BSc Chemistry	BSCH	24	21
2016-17	BSc Chemistry	BSCH	22	17

2.7. Student Satisfaction Survey

2.7.1. Online Student Satisfaction Survey (Q_nM: 60)

Name of the student	Gender	Category	State of Domicile	Nationality	Email ID	Program name	Unique Enrolment ID	Mobile Number	Year of joining

Department	Teacher-in-charge
IQAC	Smt. Prasanna Rajan
Botany	Smt. Prasanna Rajan
Chemistry	Shri. Manukumar N
Commerce	Shri. Sunoy M S
Economics	Dr. Rajesh George
Languages	Smt. Biyamol George
Geology	Smt. Priya P N
Mathematics	Dr. Madhavan Namboothiri N.M.
Physics	Shri. Josily Cyriac, Shri. Sanalraj
Political Science	Shri. Chandran Komath
Zoology	Dr. Sebastian K S