

BHARATHIAR UNIVERSITY: COIMBATORE-641046

INTERNAL QUALITY ASSURANCE CELL

FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2021-2022]

Name of the Department: CHEMISTRY

Date : 24.09.2022

Name, Designation and Address of Academic Audit Experts: Dr. M.G.Sethuraman, Professor, Gandhigram Rural Institute, Gandhigram

Faculty Members Present:

- Dr. M. Ilanchelian
- Dr.T.Selvaraju
- Dr.I.Prabha
- Dr.R.Prabhakaran
- Dr.M.V.Kaveri
- Dr.B.Murugesapandian
- Dr.T.Suresh
- Dr.A.Kannan
- Dr.K.Sundaravel
- Dr.S.N.Karthick

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
I. Curriculum	Steps followed in the designing of syllabus & Curriculum	Yes	1.Feedback from stakeholder 2.Trend analysis 3.Performance analysis	—
	Contents of the Curriculum	Yes	1. On par with UGC-model curricula 2. Latest cutting edge areas included in the curricula	—
	Validation done	Yes	Validation done by academic peers from National and International	—
	Credits allotted / distribution – logic	Yes	Theory- 4credits $\times 12$ Elective- 4 Credits $\times 3$ Supportive- 2 credits	Credits for soft skills may be allotted

Curriculum Transaction	Teaching Methods & Teaching aids	Yes	1.Experiential learning 2.Problem solving 3. Chalk and talk 4.Power point presentation	—
	E-Learning Modules [Give details including MOOC courses]	Yes	1. Swayam 2. Youtube 3.Multimedia	—
	Project Work UG/PG	Yes	1. PG Project work 2.Field project	—
	Internal Assessment - Components – Uniqueness	Yes	1. Seminars 2.Assignments 3. Continuous formative assessment	—
	Student Support – remedial coaching	Yes	1.Remedial classes for Slow learners 2. Assignments	—
	Feedback from students	Yes	Obtained year wise	—
	Steps taken on the feedback	Yes	Syllabus revised based on the feedback	—

Infrastructure in the department	No. of classrooms	Yes	2	-
	No of laboratories	Yes	13	-
	No of computers – for teachers	Yes	10	-
	No of computers – for students	Yes	5	Facilities are likely to come up at the earliest.
	No of computers – for research scholars	Yes	23	-
	Details of Servers, Battery Backup System	Yes	10KV And 5 KV	-
	Names of Instruments (Only Major)	Yes	1. Particle size analyser 2. Electrochemical analyser	(1) HRMS purchase may be expedited (2) EPR may be purchased for the dept.

Profile of students	Demand Ratio (Applications received Vs Sanctioned Strength)	Yes	18:1	No 2 application for chemistry ph is received highest (728 applications)
	Students involved in extra-curricular & co-curricular activities	Yes	Cultural and extracurricular	—
	Study tour / industrial visits / exhibitions / internship / Training	Yes	Yes	—
	Achievements of students (Academic, cultural etc)	Yes	GATE, CSIR and placements	—
	Newsletters / Magazines of the Department	No	No	—
	Placement (Ratio, Salary Level) Mention few companies	Yes	Rs.2.75 lakhs /annum	—
	% of students going for Research	Yes	15%	—

Activities of the department	MoUs Signed	2		MoU signed pulled way for in introduction of B.Sc. Blended programme.
	Consultancy [Nature, Amount]	FTIR receipts		—
	Collaborations	Yes, publishing research articles		—
	Department/Association Meetings	Yes		—
	Guest lectures [Per semester]	Yes		—
	Conference / Seminars / Workshop conducted [Per Year]	2		—
	Extension Activity	Yes		—
	Interaction with Industry / Research Centres / Educational Institutions	Yes		—

Best Practice(s) / Innovations of the Department: 1. Disposal of solvents

2. Avoid of carcinogenic chemicals

3. Enhanced access to all facilities of the department to the scholars and students even beyond working hours

4. Knowledge sharing through colloquiums.

Future Plans of the Department: 1. To apply patents

2. To concentrate on MoU

3. To apply for center of excellence in Nano science

4. To develop the infrastructure facility. (High resolution Mass Spectrometer and EPR)

M. Cheliam 24.9.2022

Signature of the HoD with Seal and Date

**Associate Professor & Head i/c
Department of Chemistry
Bharathiar University
Coimbatore 641 046.**

24/9/22

Signature of the Academic Audit Expert
(With Address)