

BHARATHIAR UNIVERSITY: COIMBATORE-641046

INTERNAL QUALITY ASSURANCE CELL

FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2021-2022]

Name of the Department : **BIOTECHNOLOGY**

Date : **24 . 09. 2022**

Name, Designation and Address of Academic Audit Experts:

Dr.V.Rajesh Kannan, Professor and Head, Department of Microbiology, Bharathidasan University, Tiruchirappalli – 620 021.

Dr. Dr. M. Gnanadesigan, Assistant Professor, Department of Microbiology, Bharathiar University, Coimbatore – 641 046.

Faculty Members Present:

1. Dr. Vijaya Padma, Professor and Head (i/c)
2. Dr. S. Girija, Associate Professor
3. Dr. P. Ekambaram, Associate Professor
4. Dr. S.R. Prabakaran, Associate Professor
5. Dr. V. Thirunavukkarasu, Associate Professor
6. Dr. S. Velayuthaprabhu, Assistant Professor

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
I. Curriculum	Steps followed in the designing of syllabus & Curriculum	Yes		"Learning outcomes-based curriculum frame work" should be emphasised as a terminology along with CBCS.
	Contents of the Curriculum	Yes		Choices for core papers should be provided into curriculum. Value added courses should be included within the curriculum
	Validation done	Yes		
	Credits allotted / distribution – logic	Yes		Credits for core papers should be given higher weightage than the electives.

Curriculum Transaction	Teaching Methods & Teaching aids	Yes		
	E-Learning Modules [Give details including MOOC courses]	Yes		
	Project Work UG/PG	Yes,		
	Internal Assessment - Components – Uniqueness	Yes,		
	Student Support – remedial coaching	Yes		
	Feedback from students	Yes		
	Steps taken on the feedback	Yes		Follow ups made to address the feed back should be documented.

Infrastructure in the department	No. of classrooms	Yes		
	No of laboratories	Yes		
	No of computers – for teachers	Yes		
	No of computers – for students	Yes		Common computers facilities should be improved.
	No of computers – for research scholars	Yes		Common computer facilities should be improved.
	Details of Servers, Battery Backup System	Yes		
	Names of Instruments (Only Major)	Yes		

Profile of students	Demand Ratio (Applications received Vs Sanctioned Strength)	yes		
	Students involved in extra-curricular & co-curricular activities	yes		
	Study tour / industrial visits / exhibitions / internship / Training	yes		
	Achievements of students (Academic, cultural etc)	yes		
	Newsletters / Magazines of the Department	yes		
	Placement (Ratio, Salary Level) Mention few companies	yes		Placements made on the basis of the JOLC certificates should be documented.
	% of students going for Research	yes		

Activities of the department	MoUs Signed	Yes		
	Consultancy [Nature, Amount]	Yes		Nature of Collaboration should be stated.
	Collaborations	Yes		
	Department/Association Meetings	Yes		
	Guest lectures [Per semester]	Yes		
	Conference / Seminars / Workshop conducted [Per Year]	Yes		
	Extension Activity	Yes		
	Interaction with Industry / Research Centres / Educational Institutions	Yes		

Best Practice(s) / Innovations of the Department: (See annexure I for the details)

- Student mentors,
- Academic Calendar,
- Board of Studies,
- Practical session in Research laboratory,
- Project proposal and defence,
- Invited lectures, Internships,
- JOCC - Job Oriented Certificate course,
- Online internships,
- Visit to Research institutes,
- Smart classrooms,
- Department library,
- Free education scheme,
- Wards achievement awards,
- Endowment,
- Inter Scholars Presentation,
- Anti-ragging committee,
- Gender friendly campus,
- Sick room for Women,
- Gender friendly toilet facilities,
- Toilet facilities for Handicapped,
- Biometric system and SOPs followed during Covid 19, CCTV monitoring practices,
- Kurinji outreach programme,
- IBSC,
- Cleanliness activity,
- Emergency actions,
- Un-interrupted power supply,
- Water purification system,
- Celebration of festivals and days,
- Department garden with Drip irrigation facility for green and sustainable landscape

Establishment of Research laboratory: The Future plan is to establish a common Animal cell culture laboratory and Protein engineering laboratory. The Department aims to establish a common instrumentation facility with Next generation sequencer, Confocal microscopy, GC-MS, MALDI-TOF and well equipped

For Signature of the HoD with Seal and Date
PROFESSOR AND HEAD
Dept. of Biotechnology
Bharathiar University
Coimbatore - 641 046

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