

**BHARATHIAR UNIVERSITY: COIMBATORE-641046**  
**INTERNAL QUALITY ASSURANCE CELL**  
**FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2021-2022]**

Name of the Department: BIOCHEMISTRY

Date : 24.09.2022

Name, Designation and Address of Academic Audit Experts:

Dr. J. JEYAKANDHAN  
PROFESSOR AND HEAD  
DEPARTMENT OF BIOINFORMATICS  
ALAGAPPA UNIVERSITY  
KARAIKUDI-630003

Faculty Members Present:

1. Dr. S.SUJA, PROFESSOR & HEAD, DEPARTMENT OF BIOCHEMISTRY, BHARATHIAR UNIVERSITY
2. Dr. S.SELVAKUMAR, ASSISTANT PROFESSOR, DEPARTMENT OF BIOCHEMISTRY, BHARATHIAR UNIVERSITY
3. Dr. R.KAVITHA, ASSISTANT PROFESSOR, DEPARTMENT OF BIOCHEMISTRY, BHARATHIAR UNIVERSITY
4. Dr. K.M.SHARADHA DEVI, ASSISTANT PROFESSOR, DEPARTMENT OF BIOCHEMISTRY, BHARATHIAR UNIVERSITY

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
<b>I. Curriculum</b>	Steps followed in the designing of syllabus & Curriculum	YES	Good	Supportive papers can be renamed as non major elective
	Contents of the Curriculum	YES	Good	<ul style="list-style-type: none"> <li>• Tutorial hour was included.</li> <li>• To include library/ yoga/career Guidance/ was included the time table.</li> </ul>
	Validation done	YES	Good	-
	Credits allotted / distribution – logic	YES	-	-

<b>Curriculum Transaction</b>	Teaching Methods & Teaching aids	YES	Satisfactory	Projector facilities and photo copier was included for the department.
	E-Learning Modules [Give details including MOOC courses]	YES	Needs improvement	<ul style="list-style-type: none"> <li>• SWAYAM courses was included into the curriculum</li> <li>• e learning modules need to be prepared</li> </ul>
	Project Work UG/PG	YES	Good	-
	Internal Assessment - Components – Uniqueness	YES	Good	<ul style="list-style-type: none"> <li>• Internal assessment pattern was changed.(50 Int : 50 Ext )</li> <li>• No of multiple choice questions was increased from 10 to 20.</li> </ul>
	Student Support – remedial coaching	YES	Good	-
	Feedback from students	YES	Good	<ul style="list-style-type: none"> <li>• Skill based topics was included.</li> <li>• More case studies should be included in the syllabus.</li> </ul>
	Steps taken on the feedback	YES	Good	The case studies were included.

<b>Infrastructure in the department</b>	No. of classrooms	YES	-	-
	No of laboratories	YES	-	- Individual lab for faculty was provided More space in the lab is required for equipment
	No of computers – for teachers	YES	good	<ul style="list-style-type: none"> <li>• Printer and scanner were provided for each faculty</li> <li>• Need Hard discs to store data</li> </ul>
	No of computers – for students	yes	-	-
	No of computers – for research scholars	Yes	-	-
	Details of Servers, Battery Backup System	Yes	-	<ul style="list-style-type: none"> <li>• Internet facilities was provided to all faculty</li> <li>• UPS facilities to be improved</li> </ul>
	Names of Instruments (Only Major)	Yes	-80 deep freezer Cell analyzer RT PCR	-

<b>Profile of students</b>	Demand Ratio (Applications received Vs Sanctioned Strength)	Yes	Satisfactory	-
	Students involved in extra-curricular & co-curricular activities	Yes	Good	-
	Study tour / industrial visits / exhibitions / internship / Training	Yes	Need to be improved	<ul style="list-style-type: none"> <li>Professional certificate course was included</li> <li>Study tour can be arranged</li> </ul>
	Achievements of students (Academic, cultural etc)	Yes	Good	-
	Newsletters / Magazines of the Department	Yes	Needs improvement	-
	Placement (Ratio, Salary Level) Mention few companies	Molecular Connections HiTech Laboratories Medall TNQ technologies Pvt Ltd Biocon Lupin Pharma Pasteur Institute	satisfactory	-

	% of students going for Research	Yes	20%	-

Activities of the department	MoUs Signed	Yes	MOU with nearby institutions	-
	Consultancy [Nature, Amount]	Yes	-	Needs improvement
	Collaborations	Yes	-	Needs improvement
	Department/Association Meetings	Yes	-	Association name was assigned as "Biochem Bharathians"
	Guest lectures [Per semester]	Yes	Satisfactory	
	Conference / Seminars / Workshop conducted [Per Year]	Yes		<ul style="list-style-type: none"> <li>Two International conference was organized</li> <li>National conference can be organized every year</li> </ul>
	Extension Activity	Yes	-	Needs improvement
	Interaction with Industry / Research Centres / Educational Institutions	Yes	-	Needs collaboration

Best Practice(s) / Innovations of the Department:

The students actively participates in the journal club conducted in the department of biochemistry in seminar and tutorial hours where they present recent research articles in lifesciences. The students also gets involved in extension activities in conducting health camps to the public every year.

Future Plans of the Department:

- Patent Filing
- MOU with state University national and international Institutes
- Provide more URF fellowship for each faculty
- Separate new building needs to be constructed
- To offer certificate/ diploma courses
- Foreign experts can be included in BOS.

+ Encourage to apply for DST - FIST scheme.

Signature of the H.O.D. with Seal and Date

M.Sc., M.Phil (BC), M.Phil (BT), PGDNBT, Ph.D.,  
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Signature of the Academic Audit Expert  
(With Address)

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Prof & Head  
Dept of Bioinformatics  
Alagappa University