

**BHARATHIAR UNIVERSITY: COIMBATORE-641046**

**INTERNAL QUALITY ASSURANCE CELL**

**FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2021-2022]**

Name of the Department: Department of Applied Mathematics

Date : 24.09.2022

Name, Designation and Address of Academic Audit Experts: Dr. T. Tamizh Chelvam

CSIR Emeritus Scientist

Department of Mathematics

Manonmaniam Sundaranar University

Tirunelveli- 627012

Faculty Members Present:

1. Dr. P. Dhanalakshmi - Associate Professor
2. Dr. R. Sakthivel - Professor
3. Dr. N. Nithyadevi - Assistant Professor
4. Dr. P. Jayaraman - Assistant Professor
5. Dr. N. Sakthivel - Assistant Professor
6. Dr. M. Suvinthra - Assistant Professor

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
<b>I. Curriculum</b>	Steps followed in the designing of syllabus & Curriculum	Yes	BOS constituted and Syllabus framed in the meeting of BOS	
	Contents of the Curriculum	Yes		
	Validation done	Yes		
	Credits allotted / distribution – logic	Yes		

<b>Curriculum Transaction</b>	Teaching Methods & Teaching aids	Yes		
	E-Learning Modules [Give details including MOOC courses]	Yes	At present as per the norms of the university, MOOC is compulsory	
	Project Work UG/PG	Yes		It is suggested to PG project as industry related
	Internal Assessment - Components – Uniqueness	Yes		
	Student Support – remedial coaching	Yes		
	Feedback from students	Yes	IQAC is getting online feedback form and evaluating	
	Steps taken on the feedback	Yes	IQAC is getting online feedback form and evaluating	



<b>Infrastructure in the department</b>	No. of classrooms	2		
	No of laboratories	2		
	No of computers – for teachers	9		
	No of computers – for students	40		
	No of computers – for research scholars	27		
	Details of Servers, Battery Backup System	4	10 kva UPS-2 No with 40 batteries 5 kva UPS-2 No with 20 batteries	
	Names of Instruments (Only Major)	NIL		

<b>Profile of students</b>	Demand Ratio (Applications received Vs Sanctioned Strength)	1:2		
	Students involved in extra-curricular & co-curricular activities	Yes	Participated in University level activities	
	Study tour / industrial visits / exhibitions / internship / Training	Yes		
	Achievements of students (Academic, cultural etc)	Yes	NET passed - 1	
	Newsletters / Magazines of the Department	No		
	Placement (Ratio, Salary Level) Mention few companies	Yes	10 % as teachers	
	% of students going for Research	15%	15% of students join research in the department	Department should encourage students to join in national level institutes

<b>Activities of the department</b>	MoUs Signed	No		
	Consultancy [Nature, Amount]	No		
	Collaborations	Yes	Combined research publications	
	Department/Association Meetings	Yes		
	Guest lectures [Per semester]	1		
	Conference / Seminars / Workshop conducted [Per Year]	1		
	Extension Activity	Yes		
	Interaction with Industry / Research Centres / Educational Institutions	Yes		

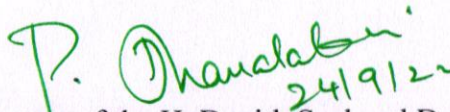



Best Practice(s) / Innovations of the Department:

- One of the faculty member of the department is the most cited author in Mathematics.
- One of the faculty member of the department is one among first 100 in the list published by Research Gate.
- Students are motivated towards research in Applied Mathematics.
- Involved in teaching of course for UG programme offered in blended mode in collaboration with University of Melbourne.

Future Plans of the Department:

- Developing research collaborations and research projects in the field of bio-mathematics.
- Developing interuniversity projects related to Applied Mathematics among the world-class universities.
- To take up more sponsored research projects.

  
Signature of the HoD with Seal and Date

 24/9/2022  
Signature of the Academic Audit Expert  
(With Address)