

**BHARATHIAR UNIVERSITY: COIMBATORE-641046**

**INTERNAL QUALITY ASSURANCE CELL**

**FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2018-2019]**

Name of the Department: **MATHEMATICS**

Name, Designation and Address of Academic Audit Experts:

Dr. T. Tamizh Chelvam  
CSIR Emeritus Scientist  
Formerly Senior Professor and Head  
Department of Mathematics  
M.S. University, Tirunelveli – 627012

Dr. K. Senthamarai Kannan  
Senior Professor and Head  
Department of Statistics  
M.S. University, Tirunelveli – 627012

Faculty Members Present:

1. Prof. S. Saravanan
2. Dr. S. Narayanamoorthy
3. Dr. M. Muthamilselvan
4. Dr. R. Rakkiyappan
5. Dr. N. Annapoorani
6. Dr. K. Mathiyalagan

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
<b>I. Curriculum</b>	Steps followed in the designing of syllabus & Curriculum	Yes		Steps may be taken to introduce more courses in elective to suit NET syllabus
	Contents of the Curriculum	Yes Good		
	Validation done	No		
	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, this component is not compulsory. It is suggested to make this component as compulsory to the extent possible.
	Project Work UG/PG	Yes	--	Project work may be on real life problem or on famous conjectures
	Internal Assessment - Components – Uniqueness	Yes	--	--
	Student Support – remedial coaching	Yes	--	--
	Feedback from students	Yes	--	Student feedback forms must be evaluated by experts of outside department
	Steps taken on the feedback	Yes	--	--



<b>Infrastructure in the department</b>	No. of classrooms	4 nos.		
	No of laboratories	1 no.		More physical space has to provided to avoid shift system in the case Laboratory classes
	No of computers – for teachers	6 nos.		
	No of computers – for students	45 nos.		
	No of computers – for research scholars	10 nos.		
	Details of Servers, Battery Backup System	Server – 1 no. 150Ah Tubular Battery – 80 nos.		
	Names of Instruments (Only Major)	Cluster (HPC)		



<b>Profile of students</b>	Demand Ratio (Applications received Vs Sanctioned Strength)	Yes 1:6			
	Students involved in extra-curricular & co-curricular activities	Yes			
	Study tour / industrial visits / exhibitions / internship / Training	Yes			
	Achievements of students (Academic, cultural etc)	Yes			Students should be motivated towards NET exam.
	Newsletters / Magazines of the Department	No			
	Placement (Ratio, Salary Level) Mention few companies	Yes			
	% of students going for Research	Yes			Students must be motivated to join research in advanced institutes outside the state/within the state.

<b>Activities of the department</b>	MoUs Signed	No	--	--
	Consultancy [Nature, Amount]	No	Combined Research Publications	A part from combined research papers, steps may be taken to formulate collaborations between institution rather individual centric.
	Collaborations	Yes	--	--
	Department/Association Meetings	Yes	--	--
	Guest lectures [Per semester]	Yes	--	--
	Conference / Seminars / Workshop conducted [Per Year]	Yes	--	Funding provisions may be provided to conduct more programmes
	Extension Activity	Yes	Through NSS and others related activities	--
Interaction with Industry / Research Centres / Educational Institutions	Yes	--	Department may be entrusted to offer PG programme with full collaboration with IT industry.	



**Best Practice(s) / Innovations of the Department:**

- (i) Weekly preplanned /scheduled tests (every Tuesday)
- (ii) Science Academia Lecturers

**Future Plans of the Department:**

- (a) To promote department as centre for Advanced Study
- (b) To create awareness among the students to increase the number of NET/SET/GATE qualifiers.
- (c) To conduct advanced training programmes in collaboration with National Centre for Mathematics and Science Academia
- (d) To conduct workshops for School Teachers for better improving teaching and learning techniques.

*S. Srinivas*

Signature of the HoD with Seal and Date

**Professor and Head**  
Department of Mathematics  
Bharathiar University  
Coimbatore - 641 046

1 *P. Srinivas*

2 *K. Srinivas*

Signature of the Academic Audit Experts  
(With Address)