

BHARATHIAR UNIVERSITY: COIMBATORE-641046

INTERNAL QUALITY ASSURANCE CELL

FORMAT FOR DEPARTMENT ACADMEIC AUDIT [2018-2019]

Name of the Department: *Physics*

Date :

Name, Designation and Address of Academic Audit Experts:

*Dr. B. Sundarakannan
Professor and Head
Department of Physics
Manonmaniam Sundaranar University
Tirunelveli-627012*

Faculty Members Present:

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
I. Curriculum	Steps followed in the designing of syllabus & Curriculum BoS	Yes	CSIR	Subject Experts fro BoS shall also be from IIT, NIT, CU & other National Institute
	Contents of the Curriculum	Yes	Pl Syllabi contains the syllabus of CSIR, GATE & TANSCH(IE)	-
	Validation done	Yes	Prof. M. Lakshmanan Emiratius, Bharthidasan	-
	Credits allotted / distribution - logic	Yes		Contact hours for the Project shall be increased from the present 8 hours

Curriculum Transaction	Teaching Methods & Teaching aids	Yes	Chalk & Board PPT projectors Teaching Aids available	No limit —
	E-Learning Modules [Give details including MOOC courses]		Two extra-credits ^{course} of each ONE credit through NPTEL	2 courses of each 1 credit —
	Project Work UG/PG		External evaluation in closed manner	Open external evaluation of PG. Projects
	Internal Assessment - Components – Uniqueness		Internal test, Assignment/Seminar, Attendance	C.I.A. shall be increased from 25%
	Student Support – remedial coaching		Course teachers counsel the slow learners	—
	Feedback from students		Feedback received	—
	Steps taken on the feedback		—	—

Department

Infrastructure in the department	No. of classrooms	Yes ✓	3, only one classroom with LED	LED
	No of laboratories	Yes	4 laboratories for practical, Each faculty member has 400 sq. ft	4 laboratories, ...
	No of computers – for teachers	Yes	15	11
	No of computers – for students	Yes	50	30
	No of computers – for research scholars	Yes	30	20
	Details of Servers, Battery Backup System	Yes	HPC, Workstations 40 KVA UPS	HPC, Workstations, SPC 50KVA UPS
	Names of Instruments (Only Major)	Yes	Annexure-1	Annexure-1

Profile of students	Demand Ratio (Applications received Vs Sanctioned Strength)	Yes	Demand ratio of above 10 with an yearly increasing trend	More than 10
	Students involved in extra-curricular & co-curricular activities	Yes		Less
	Study tour / industrial visits / exhibitions / internship / Training	Yes	Study tours arranged	Internship shall be included in the curriculum
	Achievements of students (Academic, cultural etc)	Yes	Yes	
	Newsletters / Magazines of the Department	Yes		students' Physics club shall be formed and encouraged to do competition events -
	Placement (Ratio, Salary Level) Mention few companies	Yes		
	% of students going for Research	Yes		Support high research

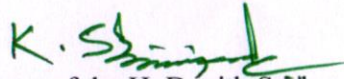
Activities of the department	MoUs Signed	Yes ✓	3 Companies	3 Rs 12,43,000/-
	Consultancy [Nature, Amount]	✓ Yes	Rs 1,32,000/- Prof K. Ramachandran	3, Rs 1,32,000/-
	Collaborations	Yes	National & International Faculty visit to abroad	
	Department/Association Meetings	Yes	Monthly once	
	Guest lectures [Per semester]	Yes	Every Tuesday 1 hour	Weekly - every morning
	Conference / Seminars / Workshop conducted [Per Year]	Yes	5	
	Extension Activity	Yes	Projects work is carried out by students from other institute.	Project work carried out by students from other institute.
	Interaction with Industry / Research Centres / Educational Institutions	Yes ✓	Publications	6 articles

Best Practice(s) / Innovations of the Department:

- (1) Weekly Seminar
- (2) Clubs for Gardening & Sports

Future Plans of the Department:

- (1) To establish a state of the art research facility in Energy
- (2) To revise curriculum on lines of DBE
- (3) To encourage faculty members to apply patent



Signature of the HoD with Seal and Date

Professor and Head
Department of Physics
Bharathiar University
Coimbatore - 641 046.



Signature of the Academic Audit Expert
(With Address)

Dept of Physics
Nanonanion Surochana University
Tirunelveli -