



# VIVEKANANDA COLLEGE

College with Potential for Excellence

Residential & Autonomous – A Gurukula Institute of Life Training

Affiliated to Madurai Kamaraj University

Re-accredited with 'A' Grade (3.59 out of 4.00) by NAAC

Managed by Sri Ramakrishna Tapovanam, Tirupparaatturai, Trichy Dist.

TIRUVEDAKAM WEST, Madurai (Dist.) – 625 234

Physics



## Internal Quality Assurance Cell Academic and Administrative Audit (AAA)

S.No	Criterion-wise Parameters	Max. Marks			
<b>I</b>	<b>Curricular Aspects</b>	<b>Max. 15 Marks</b>			
	1) Percentage of syllabus revised		Excellent ✓	Sufficient	Insufficient
	2) Uniqueness in curricular design in UG/PG (Courses satisfying local, regional, state, national and International needs)		Relevant ✓	Non-Relevant	Poor
	3) Newly introduced courses		Relevant ✓	Non-Relevant	Poor
	4) Value added and life skill-oriented courses		Highly Useful	Relevant ✓	Non-Relevant
	5) Employability / entrepreneurship/ skill development courses		Highly Useful	Relevant ✓	Non-Relevant
	6) Number of field visits/ field projects/ Internships		Excellent ✓	Sufficient	Insufficient
	<b>Total</b>	<b>12</b>			
<b>II</b>	<b>Teaching, Learning and Evaluation</b>	<b>Max. 35 Marks</b>			
	1) Allotted Strength, Applications received, No. of admissions and the demand ratio		Upraising ✓	Moderate	Reduced
	2) Graduation outcome (Pass%), Result analysis		Upraising ✓	Moderate	Reduced
	3) Remedial Coaching Classes/ help for slow learners		Upraising ✓	Moderate	Reduced
	4) Coaching for GATE/ UGC/ SET/ NET/ CAT/ GMAT or any other competitive exams and outcome if any		Upraising	Moderate ✓	Reduced
	5) Support to fast learners, students capacity building programmes		Upraising	Moderate ✓	Reduced
	6) Teacher quality (experience, PhDs, NET/ SET), Student Ratio		Excellent	Sufficient ✓	Insufficient
	7) List of teachers handling ICT mode, e-learning resources and their topics (verify)		Appreciable	Good ✓	Excellent
	8) List of teachers with their e-content		Appreciable	Good ✓	Excellent
	9) Teachers who won awards/ recognition/ fellowship at State/ National/ International Levels		Appreciable	Good ✓	Excellent
	<b>Total</b>	<b>32</b>			



III	Research and Innovation	Max. 15 Marks			
	1) No. of funded Conferences/ Workshops conducted in the Department		Sufficient ✓	Insufficient	Adequate
	2) No. & list of publications in the Department at National/ International level-Scopus/WoS, ICI, etc.		Sufficient ✓	Insufficient	Adequate
	3) No. & list of book chapters and books		Sufficient ✓	Insufficient	Adequate
	4) No. of faculty as Resource Person in Conferences/ Invited Speakers		Sufficient ✓	Insufficient	Adequate
	5) List of teachers whose Proposals granted and applied for funding		Sufficient	Insufficient ✓	Adequate
	6) Number and list of Ph.D. guides		Sufficient	Insufficient ✓	Adequate
	7) No. of Ph.D. Registered and Awarded		Sufficient	Insufficient ✓	Adequate
	8) No. and list of students who won awards for research/ innovations		Sufficient	Insufficient ✓	Adequate ✓
	9) Teachers (no. & list) who are involved in consultancy services and revenue generated, if any.		Sufficient	Insufficient ✓	Adequate ✓
	10) No. of linkages, Collaborative activities, MoU's signed for research/ Field projects/ internships/ exchange programmes		Sufficient	Insufficient ✓	Adequate ✓
	<b>Total</b>	<b>10</b>			
IV	Infrastructure and Learning Resources	Max. 5 Marks			
	1) Library facilities		Excellent ✓	Sufficient	Moderate
	2) Library Books and Journals		Excellent	Sufficient ✓	Moderate
	3) Infrastructure appended (include computers, classrooms with ICT facilities, power backup etc.)		Adequate ✓	Inadequate	Poor
	4) Lab equipments/ teaching aids/ models		Adequate ✓	Inadequate	Poor
	5) Research equipment added and fund details		Adequate	Inadequate ✓	Poor
	<b>Total</b>	<b>4</b>			
V	Student Support & Progression	Max. 10 Marks			
	1) Student's progression (no. of outgoing students passed, no. of students in higher studies, number of placements)		Sufficient ✓	Insufficient	Poor
	2) No. of students receiving scholarships/ free ships (Govt. management and other resources if any)		Sufficient ✓	Insufficient	Poor
	3) No. of students benefited by coaching classes, remedial/ competitive exams. No. of students appeared and no. of students passed (in such classes).		Sufficient ✓	Insufficient	Poor
	4) No. and list of students who won academic/ cultural activities at State/ National/ International		Sufficient ✓	Insufficient	Poor
	5) No. of alumni in the alumni network and are they in contact and attending Alumni meet at College or is there any separate Dept. alumni meet?		Sufficient ✓	Insufficient	Poor
	6) Report and outcome of Parent-Teachers' Meet		Sufficient ✓	Insufficient	Poor
	<b>Total</b>	<b>10</b>			

VI	Governance and Leadership	Max. 10 marks			
	1) Updation of department web pages (dept. profile, staff profile, syllabus, other details)		Yes Periodically ✓	Insufficiently	Not Updated
	2) Orientation/ Refresher Courses/ FDP attended by Staff- Number and list		Sufficiently Attended ✓	Insufficient	Did not attend
	3) Digital initiatives-scan copy of documents submitted to IQAC and any other form		Submitted ✓	Not Submitted	Poor
	4) Visit of eminent researchers/Industrialists/ Entrepreneurs to the department		Sufficient ✓	Not Sufficient	Poor
	5) Improvements made after the last re-accreditation cycle (Post-accreditation initiatives)		Improved ✓	Moderate	Poor
	6) List of teachers provided with financial support for attending conferences/ seminar/ publication of articles etc.		Excellent	Moderate ✓	Poor
	7) List and no. of faculty who are members in the Academic bodies of other institutions/ professional bodies etc.		Good	Moderate ✓	Insufficient
	<b>Total</b>	<b>9</b>			
VII	Best Practices	Max. 5 Marks			
	New Best practices evolved/ created		Excellent ✓	Appreciable	Insufficient
	Database of all students/ alumni with their name, register no., email and phone numbers to obtain online surveys by NAAC/ NIRF ✓		Appreciable	Good ✓	Praise Worthy
	Unique feature of the Department (Thursday Meet)		Present ✓	Not Presented	-
	SWOC analysis of the Department		Practical ✓	Impractical	Poor
	Future Plans of the Department		Presented ✓	Not Presented	-
	<b>Total</b>	<b>5</b>			
	Did the Department submit PPT to IQAC before audit and quality presentation?	<b>Max. 5 Marks</b>	<b>Yes ✓</b>	<b>No</b>	
	<b>Total</b>	<b>5</b>			
	<b>Total Marks Awarded(Max: 100 )</b>	<b>87</b>			



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## Internal Quality Assurance Cell

Academic and Administrative Audit

19<sup>th</sup> February 2020, Wednesday at 10.00 a.m.

### Recommendations of the Expert Committee:

1. To upgrade the Dept. of Physics as a Research Department.
2. To Provide Seed Money to the faculty members for attending Conferences, workshops and Seminars towards registration and TA+DA
3. To Encourage the Department to restart the ~~Extinction~~ Extension activity namely Lab on wheels by providing Transport facility.
4. The faculties have to <sup>be</sup> encouraged to Complete their Ph.D Programme and Publish more Research articles in SCI Journals.
5. Mous and Income Generation have to be Strengthened.

Member of the Expert Committee	Address, Mobile No. and Email ID	Signature
Dr. P. THAMIL MARAN Head & Associate Prof. of Physics	Sri S.R.N.M. College, SATTUR - 626203 944 2261920 thamilmaran62@gmail.com	P. Thamil Maran 19/2/2020





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Website: [www.vivekanandacollege.ac.in](http://www.vivekanandacollege.ac.in)



Email: [principal@vivekanandacollege.org](mailto:principal@vivekanandacollege.org) Phone: 04543-258334, 04543-258234 Fax: 04543-258358

Date: 19.02.2020

## ACADEMIC AUDIT – FEEDBACK FORM

Name of the Department: PHYSICS UG / PG

Name & Address of the Member Dr. P. THAMILMARAN

Associate Prof. in Physics + Head

Sri S. R. N. M. College, SATTUR - 626203

### Curricular Aspects: (Tick the relevant box)

Sl. No.	Statement	Excellent	Very Good	Good	Satisfactory	Unsatisfactory
1.	Depth of the course content	✓				
2.	Extent of coverage of course	✓				
3.	Clarity and relevance of topics in the subject	✓				
4.	Course sets a base for the students to pursue their higher education		✓			
5.	Syllabus of each subject can be taught within the prescribed instructional hours		✓			
6.	Syllabi of the subjects are balanced in terms of their contents	✓				
7.	Syllabi are modern and upto date	✓				
8.	Books prescribed are relevant to the syllabus and are recent editions	✓				
9.	Freedom of autonomy has been properly utilized in designing the syllabus and its contents		✓			
10.	Subjects have been properly classified into core, allied, elective and skill-based subjects	✓				
11.	Questions have been asked according to the syllabus	✓				
12.	Questions have been asked suitably under each section	✓				
13.	Questions have been asked with the combination as to knowledge, skill and application	✓				
14.	Questions are not repetitive in nature	✓				
15.	Questions are error free	✓				
16.	Questions have been grammatically structured	✓				
17.	Overall rating about Scheme and syllabi		✓			
18.	Overall rating about pattern of Question Paper		✓			

P. Thamilmaran  
19/2/2020

Signature of the Member with Seal & Date

Associate Prof. in Physics + Head

Sri S. R. N. M. College, SATTUR - 626203