



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

Chemistry



Internal Quality Assurance Cell Academic and Administrative Audit (AAA)

S.No	Criterion-wise Parameters	Max. Marks			
I	Curricular Aspects	Max. 15 Marks			
	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
	Total	14			
II	Teaching, Learning and Evaluation	Max. 35 Marks			
	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
	Total	33			

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
	Total	12			
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
	Total	3			
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
	Total	8			

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
	Total	8			
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		✓ Present	Not Presented	-
	SWOC analysis of the Department		✓ Practical	Impractical	Poor
	Future Plans of the Department		✓ Presented	Not Presented	-
	Total	4			
	Did the Department submit PPT to IQAC before audit and quality presentation?	Max. 5 Marks	Yes ✓	No	
	Total	6			
	Total Marks Awarded(Max: 100)	88			

88/100

[Signature]

VIVEKANANDA COLLEGE

College with Potential for Excellence
TIRUVEDAKAM WEST, Madurai (Dist) - 625 234


Internal Quality Assurance Cell

Academic and Administrative Audit

19th February 2020, Wednesday at 10.00 a.m.

Recommendations of the Expert Committee:

- I. Curricular Aspects: 100% syllabus revised: OBE introduced
Highly commended: Students passed in JAM Exam is real
Very good: Outcome based education
Skill based, NME are good, NEED
DIGITAL
LIBRARY
- II. Teaching Learning Evaluation: REM, Class for Fast & Slow learners
Good & competitive Exam loading
are also good, e-books available.
- ICT: Mobile App
Smart Board
Edu Sat, Skype → Needed to be improved.
- III. Research Innovation: ① Faculty should apply for more project to Funding Agencies
- ② UGC/DST/CSIR/MHRD/TNSCST/Based funding
conferences, workshops, Seminars to be applied and to
be organized.
- ③ Faculty should apply for Guideship to Mko
and more students may be registered for
PhD.

Member of the Expert Committee	Address, Mobile No. and Email ID	Signature
Dr. A. ELANGOVAN	Associate Professor & Head, Dept. of Chemistry Member - IQAC Member Coordinator Research & Inno - NAAC Thiragarajar College Madurai-9	 19.2.2020.

99447 86087
arunugam.elangovan
@gmail.com

IV. Infra Structure and Learning
Library should have ^{more} books for
Competitive Examinations.

1. Language Lab

2. Centralised Instrumentation Center
(CIC) is in chemistry - Good

3. Museum

4. Business Lab to be introduced.

CIC is in chemistry appreciable.

Funding required to purchase more
Equipments for Research.

V. Students Support & Progression

1. Student/Teacher ratio is highly
appreciable as it is 13:1

Good care will be given to each
Student : Highly appreciated.

2. Scholarships : Govt. Scholarship alone
provided.

a) Management Scholarship for poorest
Student

b) NGO Scholarship

c) Alumni Scholarship

d) Scholarship from Industries are to be
applied and can be obtained.
(P.TD)

VII.

Residential, Gurugula Learning
is EXCELLENT.

Student with highly
disciplined, self-confident with
motivation and ~~self~~ selfless
service to serve for their
Mother India is arising from
this holy Institute is highly
appreciated.



19-2-2020



VIVEKANANDA COLLEGE

College with Potential for Excellence

Residential & Autonomous – A Gurukula Institute of Life-Training

Reaccredited with 'A' Grade (CGPA 3.59 out of 4.00) by NAAC,

Affiliated to Madurai Kamaraj University

Managed by Sri Ramakrishna Tapovanam, Tirupparaatturai.

TIRUVEDAKAM WEST, MADURAI – 625 234

Website: www.vivekanandacollege.ac.in

Email: principal@vivekanandacollege.org Phone: 04543-258334, 04543-258234 Fax: 04543-258358



Date: 19.02.2020

ACADEMIC AUDIT – FEEDBACK FORM

Name of the Department: CHEMISTRY UG / PG


Name & Address of the Member Dr. A. ELANGOMAN

Associate Professor Head

Department of Chemistry, Thiagarajar College
Madurai-9

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		✓			


19.2.2020

Signature of the Member with Seal & Date

Dr. A. ELANGOMAN, Thiagarajar College
Asso. Prof. in Chemistry, Madurai-9