



Nehru Memorial College (Autonomous)

Puthanampatti - 621 007



INTERNAL QUALITY ASSURANCE CELL
STAFF PROFILE - Part I
(From June 2016 - May 2017)

1. Name of the Staff :K.NAGARAJAN
2. Name of the Department :Physics
3. Designation :Associate Professor
4. Date of Birth :15-07-1963
5. Sex : Male
6. Religion :Hindu
7. Community : BC

8. Educational qualification :

Course	Subject	University	Year of Passing	Class/Grade
M.Sc	Applied Physics	Bharathidasan	1985	I
M.Phil	Physics	Bharathidasan	1990	I

9. Teaching Experience : UG 31 PG_31 Total_31yrs
(As on 31.03.2017)

10. Classes handled BSc and M.Sc Physics and Allied Physics

Plan of action (June 2017 to May 2018)

- A. Course to be designed.
- B. *Teaching:* Nuclear & Particle Physics at the PG level: Apart from regular class room teaching student seminar are conducted

- (i) SRIM software training is given so that students will get the first hand idea on the nuclear irradiation over different material
- (ii) To test the radiation level (if any) at the Green Hills (Pachamali) using smart phone based sensor and publish the results

C. *Evaluation:* nil

(Specify a new method of evaluation that the teacher would like to adopt in CIA)

- a) *Research* : Proposed to publish a paper in international journal for spectroscopy based work
- b) Proposed plan for papers presented in seminars/ workshop and conference. nil

D. *Consultancy:* nil

- a) Specify your area of interest where consultancy is feasible.

E. Proposed plan to organize seminar/ workshop and conference in our campus. nil

F. Proposed plan to attend the seminar/ workshop and conference at other institutions. Will attend as and when it comes

G. *Extension Activities: (Pl. give a detailed plan for any one of the following)*

- a) Community Programme
- b) Adult Literacy
- c) Computer Literacy
- d) Health Awareness
- e) Sanitation Awareness
- f) Bio-gas.
- g) Renewable Energy (Solar energy)
- h) Vermicompost.
- i) Mushroom Cultivation.
- j) Ornamental Fish Farming.
- k) Bio-farming

H. **Any other:** To create awareness among the people in around Puthanampatti on the **Rain water harvesting** similar fashion of the people of Karikudi are doing to save rain water and on the concept of **3R** while (reduce ,reuse, recycle) using the plastic bags Specify proposed plan of conducting Remedial coaching/ Bridge course. Nil

- I. Specify proposed plan for organizing mentoring programs.: Nil
- J. Specify the nature of assistance like NET coaching, placement activities, Departmental Association activities apart from your regular teaching that you would like to render during this period.
Nil

*Part-II

I. Teaching, Learning, and Evaluation Related Activities:

S.No	Nature of Activity	Assistant Professor		Associate Professor	
		Max.Score	Actual Score	Max.Score	Actual Score
1.	a) Direct Teaching	70		60	20
	b) Examination duties (question paper setting, invigilation, evaluation of answer scripts) as per allotment				20
	c) Innovative Teaching Learning methodologies, updating of subject contents/ courses, mentoring etc.				20

II. Professional Development, Co-curricular and Extension Activities:

S.No	Nature of Activities	Maximum API score	Actual Score
	Students related co-curricula, extension and field based activities. (i) Discipline related co-curricular activities (e.g remedial classes, career counseling, study visit, student seminar and other events.) (ii) Other co-curricular activities (Cultural, Sports, NSS, NCC etc.)	15	05

	(iii) Extension and dissemination activities (public/popular lectures/talks/seminars etc.).		
	Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities. i. Administrative responsibility (including as Dean /Principal/ Chairperson/ Convener/ Teacher-in-charge/similar other duties that require regular office hrs for its discharge). ii. Participation in Board of Studies, Academic and Administrative Committees.		05
	Professional Development activities (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refresher/ faculty development courses, and any other contribution).		05

III: Research and Academic Contributions:

	Activity	Faculty of Sciences/ Engineering/ Agriculture/ Medical/ Veterinary Sciences	Score
III (A)	Research Papers published in:	Refereed Journals as notified by the UGC#	0
		Other Reputed Journals as notified by the UGC#	
III (B)	Publications other than journal articles (books, chapters in books)	Text/Reference, Books published by international Publishers, with ISBN/ISSN number as approved by the University and posted on its website. The list will be intimated to UGC.	0
		Subject books, published by National level publishers, with ISBN/ISSN number or state/central Government Publications as approved by the University and posted on its website. The list will be intimated to UGC.	
		Subject Books, published by	

		other local publishers, with ISBN/ISSN number as approved by the University and posted on its website. The list will be intimated to UGC.	
		Chapters in Books published by National and International level publishers, with ISBN/ISSN number as approved by the University and posted on its website. The list will be intimated to UGC.	
III (C)	RESEARCH PROJECTS		nil
III (D)	RESEARCH GUIDANCE		
III (D) (i)	M.Phil	Degree awarded	30
III(D) (ii)	Ph.D.	Degree awarded /Thesis submitted	nil
	Fellowships, Awards and Invited Lectures delivered in conferences/ seminars		
III (E) (i)	Fellowships/Awards	-	nil
III(E) (ii)	Invited lectures/ papers	International	nil
		National	
		State/University level	

Signature of the Staff with date