

# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CENTRE FOR ENGINEERING RESEARCH AND DEVELOPMENT

College of Engineering Trivandrum Campus

Thiruvananthapuram - Pin 695 016.



*Invite*

***Applications in prescribed format for***

## **KTU RESEARCHER OF THE YEAR-2019**

*Researcher of the year award is given annually to the faculty of Engineering Colleges in the State considering the research output of the previous FIVE years*

### **Who can apply?**

Faculty of Engineering  
Colleges affiliated to  
APJAKTU.

### **Funding?**

Research funding of  
Rs. 15,00,000/-

### **Award?**

Cash award Rs. 25,000/-  
Gold medallion worth  
25,000/- and Citation

### **SELECTION CRITERIA**

**Technical Excellence**  
**Innovation**  
**Involvement in Research Activities**

***Application form can be downloaded from research in KTU Website [www.ktu.edu.in](http://www.ktu.edu.in)***

Applications in the prescribed format should reach on or before **30<sup>th</sup> November 2019** to the following address

**DEAN (RESEARCH)**, APJ Abdul Kalam Technological University, CET Campus, Thiruvananthapuram – 695 016.

Email: [research@ktu.edu.in](mailto:research@ktu.edu.in)

**Rules & Regulations**

**And**

**Application format**

**KTU Researcher of the Year Award 2019**



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

**College of Engineering Trivandrum Campus**

**Thiruvananthapuram - Pin 695 016.**

# **KTU Researcher of the year Award**

## **Introduction**

The APJ Abdul Kalam Technological University award for the best researcher in Engineering and Technology (*KTU Researcher of the Year Award*) will be presented during the annual technical festival of KTU. The award carries a cash prize of Rs. 25,000/-, a gold medallion worth Rs. 25,000/- and a citation. In addition the recipient will be considered for further research funding of Rs.15 lakhs.

## **Criteria for award**

The contributions made and research carried out in Engineering and Technology in the State will be considered for evaluating the applications. The primary criteria for selection shall be the research contribution (such as patents, research publications, research projects undertaken, number of PhD's produced, M Tech. & innovative B Tech. projects produced etc. of the applicant during the previous **five** years. In addition the following criteria are also considered: Institutional development activities, career development activities, professional society activities, teacher effectiveness index (from evaluation of faculty by students), other academic activities, conduct of conference/seminar/workshops, participation in conference/ seminar/workshops, etc. (Note: Proof of claims to be attached in the serial order of each claim in the application as appendix). A detailed research proposal for 15 lakhs should be submitted along with the application.

## **Eligibility**

The applicant shall be a faculty of any Engineering College in Kerala affiliated to APJAKTU (Principals of institutions can also apply). Faculty of private self financing colleges without NBA accredited departments are not eligible to apply. The upper age limit prescribed for the applicant is 50 years as on the last date of application.

## **Application form**

The application form available along with this notification (also available in the KTU web-site [www.ktu.edu.in](http://www.ktu.edu.in)), shall be duly filled. It shall be recommended by the head of the institution and forwarded to the Dean (Research), APJ Abdul Kalam Technological University, College of Engineering Trivandrum campus, Thiruvananthapuram - Pin 695 016. The last date of receipt of application is **30<sup>th</sup> November 2019**.

## **Screening of applications**

The screening of applications will be done by a committee of experts constituted for the purpose by the VC and headed by a prominent Academician / Scientist of international repute.

## **Previous winners of the award**

Sl No	Name	Year	Branch
1	Dr. Vinod P	2010	Civil
2	Dr. Anil Lal S	2011	Mechanical
3	Dr. Jayasree P K	2012	Civil
4	Dr. Krishnakumar K	2013	Mechanical
5	Dr. Leena Mary	2015	Electronics
6	Dr. Varun Gopi	2016	Electronics
7	Dr. M. R. Rajkumar	2017	Mechanical
8	Dr. Soney C. George	2018	Nanotechnology



# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

## Centre for Engineering Research and Development

College of Engineering Trivandrum Campus, Thiruvananthapuram - 695 016.

### Application for the KTU Researcher of the year Award 2019

(Achievements of previous five years need to be presented)

(April 2014 - March 2019)

Name of Applicant			
Designation			
Official Address (Cell No. and e-mail are mandatory) Cell No. E-mail Id.			
Address for communication			
Age and Date of Birth			
Male <input type="checkbox"/> Female <input type="checkbox"/>			
Date of joining service			
How long You are Continuously working in Engineering Colleges in Kerala?			
Experience in Years	Teaching	Research	Industry

<b>Details of research carried out in Engineering and Technology and contributions made in the last five years</b>				
1. Patents (Proof to be attached)				
Obtained		Applied for		
2. Research Publications (Details & Proof to be attached separately)				
International Journals		National Journals		
International Conferences		National Conferences		
Others				
3. Details of Funded Projects undertaken and Research Guidance carried out. (To be given separately in Annexure I)				
4. Involvement in Research proposals preparation (Details to be attached separately)				
No.	Title of the proposal	Submitted to	Amount	Outcome
5. Involvement in Research promotional activities (Give brief description separately)				
6. Involvement in Institutional development activities (Give brief description separately)				

7. Involvement in Career Development Activities (Give brief description separately)				
8. Involvement in professional Society Activities				
No.	Name of Professional Body	Membership No.	Involvement	
9. Teacher Effectiveness Index (from Evaluation of faculty by students)				
10. Other Academic activities (Give brief description)				
11. Conduct of Conference/Seminar/ Workshops				
No.	Title of the programme	Period	Beneficiaries	Funded by

12. Participation in Conference/Seminar/Workshops				
No.	Title of the programme	Period	Institution	Funded by

13. (i) Detailed Research Proposal Submitted : Yes/ No

(ii) Research Title :

(iii) Is the proposed research intended to be carried out at  
the parent Institution : Yes/No

(iv) Is there any collaborating agencies in the proposed  
research, if so the name of the agency and their  
consent letter :



## **Declaration**

Certified that the details furnished above are correct to the best of my knowledge and belief.

Place:

Date:

Name and Signature

Recommendation from Head of Institution:

Signature

Office Seal

(Note: proof of claims to be attached)

ANNEXURE I

DETAILS OF FUNDED PROJECTS AND RESEARCH GUIDANCE

A. Research Projects and any other govt funded project for lab development (Newly undertaken, ongoing, and completed during April 2014 to March 2019)

Sl No	Title of project	Type of project Research/ development	Funding agency	Name of principal Investigator and co-Investigator (if any)	Amount (lakhs)	Duration (months)	Date of start of project	Date of completion of project
1				(PI) (Co-PI)				
2				(PI) (Co-PI)				
3				(PI) (Co-PI)				
4				(PI) (Co-PI)				

Student projects need not be included. Please forward proof of sanctioning project. Please add more rows if required

B. Guidance of PhD (Defended /Awarded during April 2014 to March 2019)

Sl No	Title of thesis	University	Name of student	Name of guide and co guides if any	Date of registration	Date of successful defence
1				(guide) (co guide)		
2				(guide) (co guide)		
3				(guide) (co guide)		
4				(guide) (co guide)		

Please add more rows if required

C. Guidance of MTech Final year project (Completed during April 2014 to March 2019)

Sl No	Title of project	University	Name of student	Name guide and co guides if any	Year of completion
1				(guide) (co guide)	
2				(guide) (co guide)	
3				(guide) (co guide)	
4				(guide) (co guide)	

Please add more rows if required

D. Guidance of BTech Final year project (Completed during April 2014 to March 2019)

Sl No	Title of project	University	Name of students	Name guide and co guides if any	Year of completion
1				(guide) (co guide)	
2				(guide) (co guide)	
3				(guide) (co guide)	
4				(guide) (co guide)	

Please add more rows if required

Name and Signature of applicant

Signature of Head of Institution

Date:

Seal

# APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

College of Engineering Trivandrum Campus  
Thiruvananthapuram - Pin 695 016.

## Application format for Research Assistance to KTU Researcher of the Year

1. Name & address of the Investigator :  
(Cell No. and e-mail are mandatory)
2. Title of the Project :
3. Broad Subject area :
4. Project Category (Basic Research / Applied Research /  
Developmental / Demonstration/Others ) :
5. Keywords :
6. Introduction
  - (i) Motivation
  - (ii) Definition of the problem
  - (iii) Objective
7. Review and Status of Research & Development in the area:
  - (i) International Status
  - (ii) National Status
  - (iii) Gap Areas
  - (iv) Relevant references
8. Details of any preliminary work done by the investigator:
9. Work Plan
  - (i) Methodology
  - (ii) Time Schedule of activities giving milestones (append Gantt Chart)
10. Expected deliverables
11. Applications/Socioeconomic importance (The relevance, if any, to the utilization and management of the natural resources of the State):

12. Budget estimate for the project

Sl. No	Items	Amount (Rs.)		
		Year -1	Year -2	Total
1.	Consumables (Do not exceed 20% of the total amount)			
2.	Equipment			
3.	Travel (Do not exceed 10% of the total amount)			
4.	Man power (limited to amount sufficient for providing one JRF in the project)			
5.	Others (Specify) (Do not exceed 10% of the total amount)			
	Total			

13. Justification for the proposed equipment

14. Particulars of any other facilities required:

15. Particulars of the facilities that will be provided by the institution where this project will be implemented:

16. Whether the project was submitted to any other organization for financial support, If so, the names of the institutions and their decisions may be indicated:

17. The sources of funding the project including funds from other agencies from which financial assistance is obtained/expected to be obtained, and the quantum of assistance from each agency :

18. Name and address of the authority of Institution authorized to receive the grant :

19. Details of projects already undertaken by the Principal Investigator with any other funding agency

**Declaration**

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CERD, KTU. I also undertake to abide by the rules and other conditions prescribed by the grantee.

Name & Signature of  
Principal Investigator

Name & Signature of  
Professor in charge of Research / CERD

Name & Signature of  
Head of institution

(Office Seal)

Place:

Date: