

**ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM**

(Dept. of EIE)

PERSONAL INFORMATION

1. Name: **Dr. D. Kishore**
2. Designation: **Asst. Professor**
3. Nature of appointment: **Ad-hoc**
4. Department: **Electronics & Instrumentation Engineering.**
5. Name of the college: **University College of Engineering.**
6. Date of Birth: **14.06.1987**
7. Date of Joining ANUR Service: **30.06.2021**
8. Residential Address: Diwan Cheruvu
9. Phone/Mobile No's: 07416131863
10. Mail ID: Kishore.eie@aknu.edu.in
11. Blood Group: -



ACADEMICS:

12. Educational Qualification details: (Name of the degree with specialization)

UG	PG	Ph. D (NIT Warangal)	Others
B. Tech (Bapatla Engineering College) (EIE)	M. Tech (NIT Trichy) (Process control Instrumentation)	Process Control Instrumentation.	Qualified GATE 2007 & 2012

(If completed Ph.D), Area of specialization/work and Title of Ph.D, year of completion

Title of Ph.D Thesis: “ Identification and Control of the Process using Relay and subspace approach”

Year of completion: 2019

**ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM**

13. Experience: (No. of years) In university (till date): **1 Year** Other institute: **4 Years 6 Months**

Teaching	R & D	Industry	Others
1 Year in AKNU, 4 Years and 06 Months in other Institutions	5 Years		

14. Subjects of Interest:

Teaching	Research
<ul style="list-style-type: none"> • Transducers & sensors • Process Control Instrumentation • Industrial Instrumentation • System Identification • MEMS • Computer Controller of process • Process modeling and simulation 	<ul style="list-style-type: none"> ➤ Process control ➤ Relay Auto Tuning ➤ System identification ➤ Modeling and simulation

15. Publications:

Journals		Conferences	
National	International	National	International
----	8	2	12

16. List of Journals

S. No	Paper Title	Journal Details	Publication details (Vol/Edition/Year and month of publication)
1	Identification and control of process using the modified asymmetrical Relay Feedback method.	Procedia Computer science	Volume 133, PP 1029-1034, 201
2	An improved identification and control of 3×3 Multi-input Multi-output system using relay and subspace Method	Indian Chemical Engineer journal	Taylor's & Francis group, Volume 61, Issue 1, PP 87-101.

**ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM**

3.	Identification and control of MIMO systems using simultaneous relay and subspace Method	Journal of Modeling, Identification, simulation, Columbia International publishing	(Accepted).
4.	Experimental Studies and Controller Design of Shell and Tube Heat Exchanger Using With and Without Insert	International Journal of Engineering Research and Applications (IJERA	Vol.3, Issue 4, July-August 2013, PP1126-1132
5.	Control of heat exchanger using hybrid fuzzy-PI	International journal of Engineering Research	Vol.3,Issue 4,PP1396-1400
6.	Stability Analysis and Controller Design for Unstable Systems Using Relay Feedback Approach.	Soft computing for problem solving	doi.org/10.1007/978-981-13-1592-3_17 PP223-233
7.	An improved identification of low-order processes using relay feedback approach	IEE Explorer	DOI: 10.1109/TIMA.2017.8064789
8.	Relay Feedback based Identification for Nonlinear Process	Journal of Instrument Society of India	Under Review

16 (a). International Conferences Presented:

1.D. kishore, K.Anand Kishore, RC Panda, Identification and control of process using the modified asymmetrical Relay Feedback method,) (Elsevier) July 19-21, 2018 at IIITDM ,Kanchipuram Presented in International Conference on Robotics and Smart Manufacturing RoSMa2018.

2. D.kishore,K.Anad Kishore ,RC panda ,Identification of unstable process parameters using modified Relay Feedback Approach, presented in “16 th International Conference on Science Engineering” at Vellore Institute of Technology,Vellore,during 02-03 April,2018.

3. D.kishore, K.Anand Kishore, RC panda, Stability analysis and controller Design for unstable

ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM

systems using Relay feedback approach, presented For SOCPROS-2017 (springer) at IIT Bhubaneswar Dec 23-24, 2017.

4.D. Kishore, K.Anand Kishore, R.C panda (2016) , Non-Linear system identification and control of wiener process using Relay Feedback, For International conference on Frontiers in optimization Theory and Applications(FOTA) November 24-25 , Kolkata In press.

5. D. Kishore, K.Anand Kishore, R.C panda (2016), Identification and control of Non-Linear systems using relay Feedback (a non-linear element) Approach, was presented in National Conference on Applied Nonlinear Dynamics, 21-22 December 2016 to be held in Department of Mathematics, NIT Warangal.

6.D. Kishore, K.Anand Kishore, R.C panda (2016), Stability analysis of SOPTD system with Numerator dynamics using Relay Feedback approach was presented for CHECON 2016 at IIT Madras during Dec 27-30.

7. D.kishore, K.Anand Kishore, RC panda, Identification and control of cascade control system using simple Relay Feedback approach, Presented for NCSCSTACE-2018 at CSIR -NAL Bangalore, Jan 23-25, 2018.

8. D.Kishore,K.Anand Kishore, RC Panda Identification and Control of SISO systems using relay and subspace method Presented for oral presentation for INCEEE-2019,15-16 Feb,2019 at NIT Warangal.

9. Gaikwad Rahul. B, D.kishore, K.Anand Kishore Experimental Identification of Process Parameters Using Relay Feedback with State space Approach Presented for oral Presentation for INCEEE-2019, Feb, 2019 at NIT Warangal.

10. D.Kishore ,V.Lokesh, Identification and Control of MIMO Systems Using Simultaneous relay and subspace method presented in 6th National Conference on “Recent trends in instrumentation and control RTIC 2022 at MIT,Chennai ,27-28 May,2022.

11. D.Kishore,V.Lokesh , Relay Feedback based Identification for Nonlinear Processes on International symposium on instrumentation held at IISC Bangalore on Oct 28th

17. Certification course details (if any): **02**

18. Funded R&D Projects details (if any):

19.No of Scholars:

- a) Awarded with PhD: ----
 - b) Working for Ph. D: ---- 01
 - c) No of PG Projects (Guided): ----
 - d) No of PG Projects (undergoing): ----
-

**ADIKAVI NANNAYA UNIVERSITY
RAJAMAHENDRAVARAM**

OTHER INFORMATION

20. Details of Administrative positions held in university: ----
21. Awards Received: Emerging scientist award
22. Titles of Books authored: ----
23. Membership of Professional Bodies: ISOI
24. No of Events Organized: ----

Conferences ----	Seminars -----	Workshops 03	Others (Webinars) 02
---------------------	-------------------	-----------------	----------------------------

25. Course attended
a. Refresher
b. Orientation Courses :
c. Seminars/Workshops/FDP's: **25**
26. Countries Visited on Academic Activity ----- **NO**
27. Any other information: i) as Examination Dept. coordinator: NIL

@@@@