

HINDU COLLEGE :: GUNTUR

**Internal Quality Assurance Cell
(IQAC)**

Research Activities



2017– 22

HINDU COLLEGE :: GUNTUR

INDEXING OF JOURNALS WITH PUBLICATIONS

S.No.	Name of the Journal	Details of UGC Approval / Indexing
1	<i>Communications in Statistics-Theory and Methods</i>	SCIE, Scopus, Web of Sciences
2	<i>Journal of Statistical Computation and Simulation</i>	SCIE, Scopus, Web of Sciences
3	International Journal of Mathematical Archive (IJMA)	Approved Journals, Journal No. (No. Assigned in the Approved List of Journals), Up to 2-May-2018 (Journal No.-48371) (Search by Journal)
4	Global Journal of Pure and Applied Mathematics	indexed in SCOPUS(2010-2016), the Mathematical Reviews, MathSciNet, and EBSCO Databases, ICI, Index Copernicus
5	Mathematics	SCOPUS database and Web of Science
6	Journal of the Applied Mathematics, Statistics and Informatics (JAMSI)	Web of Science
7	Mathematics and Statistics	Scopus database
8	Journal of Applied Probability and Statistics	Scopus
9	Proceedings of STATPARCONF, Statistical Paradigms Recent Advances and Reconciliations	Scopus
10	European Journal of Pure and Applied Mathematics	Scopus and Web of Science
11	Thai Journal of Mathematics	Scopus and Web of Science
12	Thailand Statistician	Scopus
13	JOURNAL OF NEW RESULTS IN SCIENCE (JNRS)	UGC Approval
14	YMER	Scopus, UGC CARE
15	Chilean Journal of Statistics	Scopus and Web of Science
16	Journal of Emerging Technologies and Innovative Research (JETIR)	http://jetir.org/jetir%20ugc%20approval.pdf
17	International Journal of Recent Scientific Research	http://recentscientific.com/approved-ugc
18	International Journal of Creative Research Thoughts (IJCRT)	https://ijcrt.org/ugc%20approval.jpg
19	International Journal of Applied Engineering Research	UGC Approved Journal - 2017 (Journal No. - 64529)
20	Science, Technology and Development	https://ugccare.unipune.ac.in/Apps1/User/Web/CloneJournalsGroupII
21	NOVYI MIR Research Journal	https://ugccare.unipune.ac.in/Apps1/User/Web/CloneJournalsGroupII
22	Dogo Rangsang Research Journal	https://ugccare.unipune.ac.in/Apps1/Content/Files/pdf/DogoRangsangResearchJournalOriginal.pdf
23	International Journal for Research in Engineering Application & Management (IJREAM)	https://www.ijream.org/UGC/Welcome%20to%20UGC,%20New%20Delhi,%20India.html



HINDU COLLEGE, GUNTUR – 522 003

Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

RESEARCH ACTIVITIES 2017 - 22

1. RESEARCH GUIDANCE

The institution provides opportunities to the faculty to do Ph.D. under F.I.P. or Part-Time research privately. College teachers are active in research and guiding Ph. D. and M.Phil students in collaboration with Acharya Nagarjuna University and other institutions. A good number of the faculty members are acting as research guides for the research scholars.

The various departments, Units and staff of the institution interact with each other in undertaking interdisciplinary research in collaboration with the eminent faculty of Acharya Nagarjuna University and other universities.

List of guides from our college is as follows

S. No.	Faculty
2	Dr. N. Viswam
3	Dr. B. Rami Reddy
4	Dr. S.V.S. Girija
5	Dr. K. Hanuma Reddy
6	Dr. K. Srilakshamma
7	Dr. D.N. Deekshit

Faculty of various universities and institutions and employees of various fields are pursuing their research under the guidance of faculty of Hindu College, Guntur. Other Research Scholars who got registered outside also consult our faculty for interdisciplinary research, Data Analysis and program code. List of Doctorates awarded under the guidance of our faculty in the last five years is given below

<i>S. No.</i>	<i>Name</i>	<i>Title of thesis/topic</i>	<i>Ph.D.</i>	<i>Status</i>	<i>University</i>
Dr. B. RAMI REDDY, MATHEMATICS					
1.	P. MANGATHAI	Heat and Mass Transfer Effects on MHD Flow Past a Porus Plate / Stretching Sheet	Ph. D.	Awarded in 2018	ANU
2.	D. KALYANI	Classification of Certain Classes of A^* - Algebras	Ph. D.	Awarded on 31 – 05 – 2019	ANU
3.	CH. SHASHI KUMAR	Applications on Fixed Point Theorem with	Ph. D.	Awarded on 13– 06 –	ANU



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RESEARCH ACTIVITIES 2017 - 22

		Fuzzy Metric Space		2019	
4.	T.V.L. NARAYANA	On Some Fixed Point Theorems in 2 - Metric and 2 – Uniform Spaces	Ph. D.	Awarded on 01– 08 – 2019	ANU
Dr. K. HANUMA REDDY, MATHEMATICS					
<i>S. No.</i>	<i>Name</i>	<i>Title of thesis/topic</i>	<i>MPhil./P h.D.</i>	<i>Status</i>	<i>University</i>
1.	A. Manju Sri	On r – Overpartitions of n	Ph. D.	Awarded in 2018	ANU
2.	G.V.R.K. Sagar	A Note on M_2 partitions of n	Ph. D.	Awarded in 2018	ANU
Dr. S.V.S. GIRIJA, MATHEMATICS					
<i>S. No.</i>	<i>Name</i>	<i>Title of thesis/topic</i>	<i>MPhil./P h.D.</i>	<i>Status</i>	<i>University</i>
	V.L.N. Srihari	On Discrete Circular Models	Ph. D.	<i>Viva Voce Pending</i>	Rayalaseema University
	Y. Sreekanth	<i>On Stereographic l – Axial Logistic Type Distributions</i>	Ph. D.	<i>Viva Voce Pending</i>	Dravidian University
	R. Srinivas	<i>On Continuous and Discrete l – Axial Distributions</i>	Ph. D.	<i>Viva Voce Pending</i>	Dravidian University
	<i>P. Srinivasulu</i>	<i>On Some Continuous and Discrete Angular Models with Application to Control Charts</i>	Ph. D.	Awarded in 2020	ANU
Dr. K. SRILAKSHMAMMA, POLITICAL SCIENCE					
	K. Prabhudas Lecturer in Political Science Govt Degree College, Addanki	Women Empowerment Through village panchayat-A Case study in prakasam District	Ph. D.	Awarded on 03-06-2022	ANU
	K. MALAKONDAIAH	EMPOWERMENT OF WOMEN THROUGH	Ph. D.	Awarded on 06-10-2022	ANU



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RESEARCH ACTIVITIES 2017 - 22

		LOCAL BODY ELECTIONS PANCHAYAT – A CASE STUDY OF PRAKASAM DISTRICT			
Dr. A.K.V.S.S.R. RAJASEKHAR, ECONOMICS					
	D. SONIA Y10ECR019	Problems and Prospects of Girl Child Education through Sarva Siksha Abhiyan – A Study in Krishna District of Andhra Pradesh	Ph. D.	Awarded in 2021	ANU
S. No.	Name	Title of thesis/topic	MPhil./P h.D.	Status	University
Dr. N. VISWAM, STATISTICS					
1.	K. SRINIVASARAO	ON DIFFERENT ESTIMATION METHODS OF PARAMETERS FOR PERT DISTRIBUTION	Ph. D.	Awarded on 06-05-2022	ANU

Our faculty members who were awarded Ph. D. s during 2017-22 are given below

S. No.	Name of the Lecturer	Department	Year awarded
1.	Dr. Ch. Naveen Kumar	English	2018
2.	Dr. A. Bala Sowri	English	2019
3.	Dr. E.H.V. Subhashini	Chemistry	2018
4.	Dr. V. Sailaja Vani	Commerce	2020
5.	Dr. N. Srinivasa Rao	English	2021
6.	Dr. M. Madhavi	Botany	2917



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RESEARCH ACTIVITIES 2017 - 22

Our faculty are also pursuing research and the list is given here

S. No.	Faculty	Subject	M. Phil. / Ph.D.
1	P. M. Prasad	Physics	Ph.D.
2	P.V. Ramu	Physics	Ph.D.
3	C. Aruna	English	Ph. D.
4	Beulah Rani	English	Ph. D.



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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

Nagarjuna Nagar, Guntur - 522 510, Tel: 0863 2346123 / 512 / 529, Email: anu.research@yahoo.com

Prof. K. RATNA SHIELA MANI
Co-ordinator, Research Cell



Ref: No. ANU/RC/Ph.D./
Maths/PM/2370/May 2018

Date: 05-10-2018

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled **HEAT AND MASS TRANSFER EFFECTS ON MHD FLOW PAST A POROUS PLATE / STRETCHING SHEET** submitted by **Mangathai Panthangi**, Research Scholar under the guidance of **Dr. B. Rami Reddy** has ordered that he/she be declared qualified for the **award of the Degree of Doctor of Philosophy (Ph.D.) in Mathematics** in the Faculty of **Physical Sciences**.

CO-ORDINATOR
RESEARCH CELL

To
Mangathai Panthangi
Research Scholar,
Department of Mathematics, A.N.U.

Copies to:
The Adjudicators

1. Prof. Rama S.R. Gorla, Dept. of Mechanical Engineering, Cleveland State University, Cleveland, Ohio 44115, USA.
2. Prof. Y.N. Reddy, Dept. of Mathematics, National Institute of Technology, NIT., Warangal
3. Prof. K. Rajendra Prasad, Dept. of Applied Mathematics, Andhra University, Waltair-530003, A.P..

Dr. B. Rami Reddy, Research Director, Dept. of Mathematics, A.N.U.
The Head/Coordinator, Department of Mathematics, A.N.U.
The Principal, University College of Sciences, A.N.U.
The Finance Officer, A.N.U.
The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.
The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gandhinagar - 382 007.
The Librarian, University Library, University College, A.N.U.
The Chief Editor, University Newsletter, A.N.U Campus.
The Coordinator, NAAC, A.N.U Campus.
P.A. to Vice-Chancellor, and P.A. to Registrar, A.N.U.
The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

Nagarjuna Nagar, Guntur - 522 510, Tel: 0863 2346123 / 512 / 529, Email: anu.research@yahoo.com

Prof. K. RATNA SHIELA MANI
Co-ordinator, Research Cell



Ref: No. ANU/RC/Ph.D./
Maths/AMS/2081/May 2017

Date: 10/05/2018

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled **A STUDY OF $r - j^{\text{th}}$ OVERPARTITIONS** submitted by **Abbaraju Manjusri**, Research Scholar under the guidance of **Dr. K. Hanuma Reddy** has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Mathematics in the Faculty of Physical Sciences.


CO-ORDINATOR
RESEARCH CELL

To
Abbaraju Manjusri
Research Scholar,
Department of Mathematics, A.N.U.

Copies to:
The Adjudicators

1. Prof. Dr. Yilmaz Simsek, Akdeniz University Faculty of Science Department of Mathematics 07058, Antalya Turkey-07058,
2. Prof. Chandrasekhara Adiga, Dept. of Studies in Mathematics, University of Mysore. Manasgangotri, Mysore-570006
3. Prof. G. Sarojamma, Former Vice-Chancellor, Dept. of Applied Mathematics, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Chittoor Dist.

Dr. K. Hanuma Reddy, Research Director, Dept. of Mathematics, A.N.U.
The Head/Coordinator, Department of Mathematics, A.N.U.
The Principal, University College of Sciences, A.N.U.
The Finance Officer, A.N.U.
The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.
The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gandhinagar - 382 007.
The Librarian, University Library, University College, A.N.U.
The Chief Editor, University Newsletter, A.N.U. Campus.
The Coordinator, NAAC, A.N.U. Campus.
P.A. to Vice-Chancellor, and P.A. to Registrar, A.N.U.
The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



HINDU COLLEGE, GUNTUR – 522 003

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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000179



Ref. No. ANU/RC/Ph.D./
Maths/GVRKS/2080/May 2017

PROVISIONAL CERTIFICATE

This is to Certify that

Sri/Smt./Kum. **Gudimella V.R.K. Sagar**

S/o. / D/o.

has qualified himself / herself for the award of the Degree of Doctor of Philosophy by Research for the

Thesis submitted by him/her entitled **A STUDY OF M2 PARTITIONS**

and that he/she has done all that is necessary for the formal presentation for the Degree of

Doctor of Philosophy in **Mathematics**

in the Faculty of **Physical Sciences**

with effect from **14/12/2018**

Nagarjuna Nagar

Dated **15-12-2018**

Initials of the

Clerk who

Prepared :

Examined :

Buy
15/12/18

Ref
15/12/18

CO-ORDINATOR
Research Cell



HINDU COLLEGE, GUNTUR – 522 003

Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. K. RATNA SHIELA MANI
Co-ordinator, Research Cell



Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Ref. No. ANU/RC/Ph.D./
Maths/DK/2459/Aug. 2018

Date: 31-05-2019

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled "CLASSIFICATION OF CERTAIN CLASSES OF PRE A* - ALGEBRAS" submitted by Durgam Kalyani, Research Scholar under the guidance of Dr. B. Rami Reddy has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Mathematics in the Faculty of Physical Sciences.


CO-ORDINATOR
RESEARCH CELL

To
Durgam Kalyani
Research Scholar,
Department of Mathematics, A.N.U.

Copies to:
The Adjudicators

1. Prof. Vichian Laohakosol, Department of Mathematics, Kasetsart University, Bangkok, 10900, PO Box 1020, Thailand.
2. Dr. M. Lellis Thivagar, Member of Syndicate, Professor & Chairperson, School of Mathematics, Madurai Kamaraj University, Madurai-625021, Tamil Nade
3. Prof. D. Bharathi, Dept. of Mathematics, Sri Venkateswara University, Tieupati-

Dr. B. Rami Reddy, Research Director, Dept. of Mathematics, ANU.

The Head/Coordinator, Department of Mathematics, A.N.U.

The Principal, University College of Sciences, A.N.U.

The Finance Officer, A.N.U.

The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.

The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gandhinagar - 382 007.

The Librarian, University Library, University College, A.N.U.

The Chief Editor, University Newsletter, A.N.U Campus.

The Coordinator, NAAC, A.N.U Campus.

P.A. to Vice-Chancellor, and P.A. to Registrar, A.N.U.

The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu,

Indian Express – for favour of publication as NEWS ITEM.



HINDU COLLEGE, GUNTUR – 522 003

Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. K. RATNA SHIELA MANI
Co-ordinator, Research Cell



Ref: No. ANU/RC/Ph.D./
Maths/SKC/2517/Oct. 2018

Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Date: 13-06-2019

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled “**APPLICATIONS ON FIXED POINT THEOREM WITH FUZZY METRIC SPACE**” submitted by **Shashi Kumar Ch.**, Research Scholar under the guidance of **Dr. B. Rami Reddy** has ordered that he/she be declared qualified for the **award of the Degree of Doctor of Philosophy (Ph.D.) in Mathematics** in the Faculty of **Physical Sciences**.


CO-ORDINATOR
RESEARCH CELL

To
Shashi Kumar Ch.
Research Scholar,
Department of Mathematics, A.N.U.

Copies to:

The Adjudicators

1. Prof. Ishak Altun, Department of Mathematics, Faculty of Science and Arts, Kirikkale University, 71450 Yahsihan, Kirikkale, Turkey.
2. Dr. Mohammad Imdad, Professor and Chairman, Dept of Mathematics, Aligarh Muslim University, Aligarh, U.P. 202002
3. Prof. G.V. Ravindranadh Babu, Dept. of Mathematics, Andhra University, Visakhapatnam-530003.

Dr. B. Rami Reddy, Research Director, Dept. of Mathematics, ANU.

The Head/Coordinator, Department of Mathematics, A.N.U.

The Principal, University College of Sciences, A.N.U.

The Finance Officer, A.N.U.

The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.

The Director, Information and Library Network Centre, An Inter University Centre of

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The Coordinator, NAAC, A.N.U Campus.

P.A. to Vice-Chancellor, and P.A. to Registrar, A.N.U.

The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. K. RATNA SHIELA MANI
Co-ordinator, Research Cell



Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Ref: No. ANU/RC/Ph.D./
Maths/TVLN/2520/Oct. 2018

Date: 01-08-2019

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled “On Some Fixed Point Theorems In 2-Metric and 2-Uniform Spaces” submitted by T.V.L. Narayana, Research Scholar under the guidance of Dr. B. Rami Reddy has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Mathematics in the Faculty of Physical Sciences.


CO-ORDINATOR
RESEARCH CELL

To
T.V.L. Narayana
Research Scholar,
Department of Mathematics, A.N.U.

Copies to:
The Adjudicators

1. Prof. Stojan Radenovic, Dept. of Mathematics & Faculty of Mechanical Engineering, University of Belgrade, Belgrades, Serbia, Post Box No. 11120, Southeast Europe.
2. Prof. S.S. Bhatia, Dean Academics & Professor Mathematics, Thapar University, Patiala-147004, Punjab
3. Prof. G.V. Ravindranadh Babu, Dept. of Mathematics, Andhra University, Visakhapatnam-530003.

Dr. B. Rami Reddy, Research Director, Dept. of Mathematics, ANU.

The Head/Coordinator, Department of Mathematics, A.N.U.

The Principal, University College of Sciences, A.N.U.

The Finance Officer, A.N.U.

The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.

The Director, Information and Library Network Centre, An Inter University Centre of

University Grants Commission, Infocity, Gandhinagar - 382 007.

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The Chief Editor, University Newsletter, A.N.U Campus.

The Coordinator, NAAC, A.N.U Campus.

P.A. to Vice-Chancellor, and P.A. to Registrar, A.N.U.

The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

HONOUR'S RECEIVED



Dr.M.Madhavi receiving doctorate Degree from honourable
A.P Governer **BISWABHUSAN HARICHANDAN**
on 27-02-2020





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RESEARCH ACTIVITIES 2017 - 22



HINDU COLLEGE, GUNTUR – 522 003

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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Dr. P.V. Krishna
Co-ordinator, Research Cell



Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Ref: No. ANU/RC/Ph.D./
Statistics/PS/2955/Feb. 2020

Date: 12-11-2020.

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled "SOME CONTINUOUS AND DISCRETE ANGULAR MODELS WITH APPLICATIONS TO CONTROL CHARTS" submitted by Pokuru Sreenivasulu, Research Scholar under the guidance of Prof. A.V. Dattatreya Rao, Guide., Dr. S.V.S. Girija, Co-Guide has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Statistics in the Faculty of Physical Sciences.


CO-ORDINATOR
RESEARCH CELL

To
Pokuru Sreenivasulu
Research Scholar,
Department of Statistics, ANU.

Copies to:

The Adjudicators

1. Professor Riccardo Gatto, Institute of Mathematical Statistics and Actuarial Science, Department of Mathematics and Statistics, University of Bern, Alpeneggstrasse 22, 3012 Bern, Switzerland.

2. Prof. R. Elangovan, Professor and Head, Dept. of Statistics, Annamalai University, Annamalai Nagar-608002.

3. Prof. V. Ravindranath, Qtr. F-1, A-Type Staff Quarters, JNTU Kakinada Campus, KAKINADA - 533003.

Prof. A.V. Dattatreya Rao, Guide., Dr. S.V.S. Girija, Co-Guide, Research Director, Dept. of Statistics, ANU.

The Head/Coordinator, Department of Statistics, ANU.

The Principal, University College of Sciences, ANU.

The Finance Officer, ANU.

The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.

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P.A. to Vice-Chancellor, and P.A. to Registrar, ANU.

The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. L. Udaya Kumar
Co-ordinator, Research Cell

Ref: No. ANU/RC/Ph.D./
Pol.Sci/KP/3137/Oct.2020

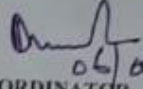


Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Date: 03-06-2022

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled "WOMEN EMPOWERMENT THROUGH VILLAGE PANCHAYAT - A CASE STUDY IN PRAKASAM DISTRICT OF ANDHRA PRADESH" submitted by Kommalapati Prabhudass Research Scholar under the guidance of Dr. K. Sreelakshamma has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Department of Political Science in the Faculty of Social Sciences.


06/06/22
CO-ORDINATOR
RESEARCH CELL

To
Kommalapati Prabhudass
Research Scholar,
Department of Political Science, A.N.U.

Copies to:

The Adjudicators

1.Prof. Nirmala Dorasamy, Dept. of Public Management and Economics, Durban University of Technology Durban, 4000 South Africa.

2.Prof. Periyakrishna Moorthy, Dean, SSS&IS, No.2, First Cross, Abisheknagar, Near Roundana Kottakuppam, Kottakuppam P.O Vanoor Taluk, Villupuram District, Tamil Nadu - 605104

3.Prof. E.A. Narayana, Dept of Political Science and Public Administration, Andhra University Visakhapatnam-530003.

Dr. K. Sreelakshamma, Research Director, Dept. of Political Science, A.N.U.

The Head/Coordinator, Department of Political Science, A.N.U.

The Principal, University College of Arts, Commerce & Law, A.N.U.

The Finance Officer, A.N.U.

The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.

The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gandhinagar - 382 007.

The Librarian, University Library, University College, A.N.U.

The Chief Editor, University Newsletter, A.N.U Campus.

The Coordinator, NAAC, A.N.U Campus.

P.A. to Vice-Chancellor and P.A. to Registrar, A.N.U.

The Editors, Andhra Prabhu, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express - for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. L. Udaya Kumar
Co-ordinator, Research Cell

Ref: No. ANU/RC/Ph.D./
Pol. Sci/KM/3514/Nov. 2021



Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Date: 06-10-2022

NOTIFICATION

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled "Empowerment of Women through Local Body Elections - A Case Study of Prakasam District" submitted by Kaki Malakondaiah Research Scholar under the guidance of Dr. K. Sreelakshamma has ordered that he/she be declared qualified for the award of the Degree of Doctor of Philosophy (Ph.D.) in Department of Political Science in the Faculty of Social Sciences.


CO-ORDINATOR
RESEARCH CELL

To
Kaki Malakondaiah
Research Scholar,
Department of Political Science, A.N.U.

Copies to:

- The Adjudicators
1. Prof. S.N. Neduri, Dept. of Business Administration, Dilla University, Dilla ETHIOPIA.
2. Dr. P. Sakthivel, Professor, Plot number 10, Jeeva illam, ABIRAMI NAGAR, Appanaickampatty, C.S.Puram (Post) 637401, Rasipuram (TK), NAMAKKAL (DT).
3. Prof. B. Venkatachalapathi, H.No. 406 Ushasree Residency, S.V.Nagar, Thirupathi 517 502 .
Dr. K. Sreelakshamma, Research Director, Dept. of Political Science, A.N.U.
The Head/Coordinator, Department of Political Science, A.N.U.
The Principal, University College of Arts, Commerce & Law, A.N.U.
The Finance Officer, A.N.U.
The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.
The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gundhinagar - 382 007.
The Librarian, University Library, University College, A.N.U.
The Chief Editor, University Newsletter, A.N.U Campus.
The Coordinator, NAAC, A.N.U Campus.
P.A. to Vice-Chancellor and P.A. to Registrar, A.N.U.
The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

ACHARYA NAGARJUNA UNIVERSITY

The National Assessment and Accreditation Council (NAAC) Awarded ANU as 'A' Grade University

Prof. L. Udaya Kumar
Co-ordinator, Research Cell



Nagarjunanagar - 522 510
Guntur District
Andhra Pradesh, India

Ref: No. ANU/RC/Ph.D./
Statistics/KSR/3511/Nov. 2021

NOTIFICATION

Date: 06-05-2022.

It is hereby notified that the Vice-Chancellor on the recommendations of the examiners appointed to adjudicate the Ph.D. thesis entitled "**On Different Estimation Methods of Parameters for PERT Distribution**" submitted by **K Srinivasa Rao**, Research Scholar under the guidance of **Dr. N. Viswam** has ordered that he/she be declared qualified for the **award of the Degree of Doctor of Philosophy (Ph.D.) in Statistics** in the Faculty of **Physical Sciences**.


CO-ORDINATOR
RESEARCH CELL

To
K Srinivasa Rao
Research Scholar,
Department of Statistics, ANU.

Copies to:

- The Adjudicators
1. Dr. J. Mbukwa, Dept of Mathematics & Statistics, Mzumbe University, Tanzania.
2. Prof. Senthamarai Kannan, Dept of Statistics, M.S. University, Tirunelveli - 627012.
3. Prof. C. Jayalakshmi, Dept of Statistics, Osmania University, Hyderabad - 500007.
Dr. N. Viswam, Research Director, Dept. of Statistics, ANU.
The Head/Coordinator, Department of Statistics, ANU.
The Principal, University College of Sciences, ANU.
The Finance Officer, ANU.
The Librarian, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi.
The Director, Information and Library Network Centre, An Inter University Centre of University Grants Commission, Infocity, Gandhinagar - 382 007.
The Librarian, University Library, University College, ANU.
The Chief Editor, University Newsletter, ANU Campus.
The Coordinator, NAAC, ANU Campus.
P.A. to Vice-Chancellor, and P.A. to Registrar, ANU.
The Editors, Andhra Prabha, Andhra Jyothi, Andhra Bhoomi, Sakshi, Eenadu, Vaartha, The Hindu, Indian Express – for favour of publication as NEWS ITEM.



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RESEARCH ACTIVITIES 2017 - 22

Ref.No:ANU/RC/Ph.D/Eng/CHNK/2154/Aug. 2017



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FACULTY OF HUMANITIES

This is to certify that

Mr./Ms. Chukka Naveen Kumar

has been duly admitted to the

Degree of Doctor of Philosophy

in this University, he/she having been declared to be qualified to

receive the same with effect from 30 March 2018

in the Department of ENGLISH

Title of the Thesis : **Unravelling the Matrix of Socio-Economic, Political and Historical Determinism in Vikram Seth's Fiction**

The Degree has been awarded in accordance with UGC regulations 2009

Given under the Seal of the University

Nagarjuna Nagar-522 510.
A. P, India

Date : **16 MAY 2018**



Vice-Chancellor




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Main Road, Opp. Sri Venkateswara Vignan Mandir, Guntur

RESEARCH ACTIVITIES 2017 - 22

Ref.No:ANU/RC/Ph.D./Eng./AB/2292/Feb. 2018



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S/O A. Bala Koti

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in the Department of ENGLISH

Title of the Thesis : **The Discursive Comparison: Understanding Black Women's Identity in the works of TONI MORRISON & NADINE GORDIMER**

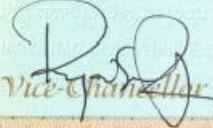
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RESEARCH ACTIVITIES 2017 - 22

Ref.No:ANU/RC/Ph.D./Chemistry/EHV/1712/Feb. 2016



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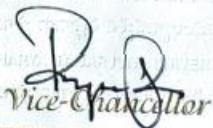
Title of the Thesis : **DEVELOPMENT AND VALIDATION OF LC-MS/MS AND RP-HPLC BASED ANALYTICAL AND BIOANALYTICAL METHODS FOR PHARMACEUTICAL FORMULATIONS**

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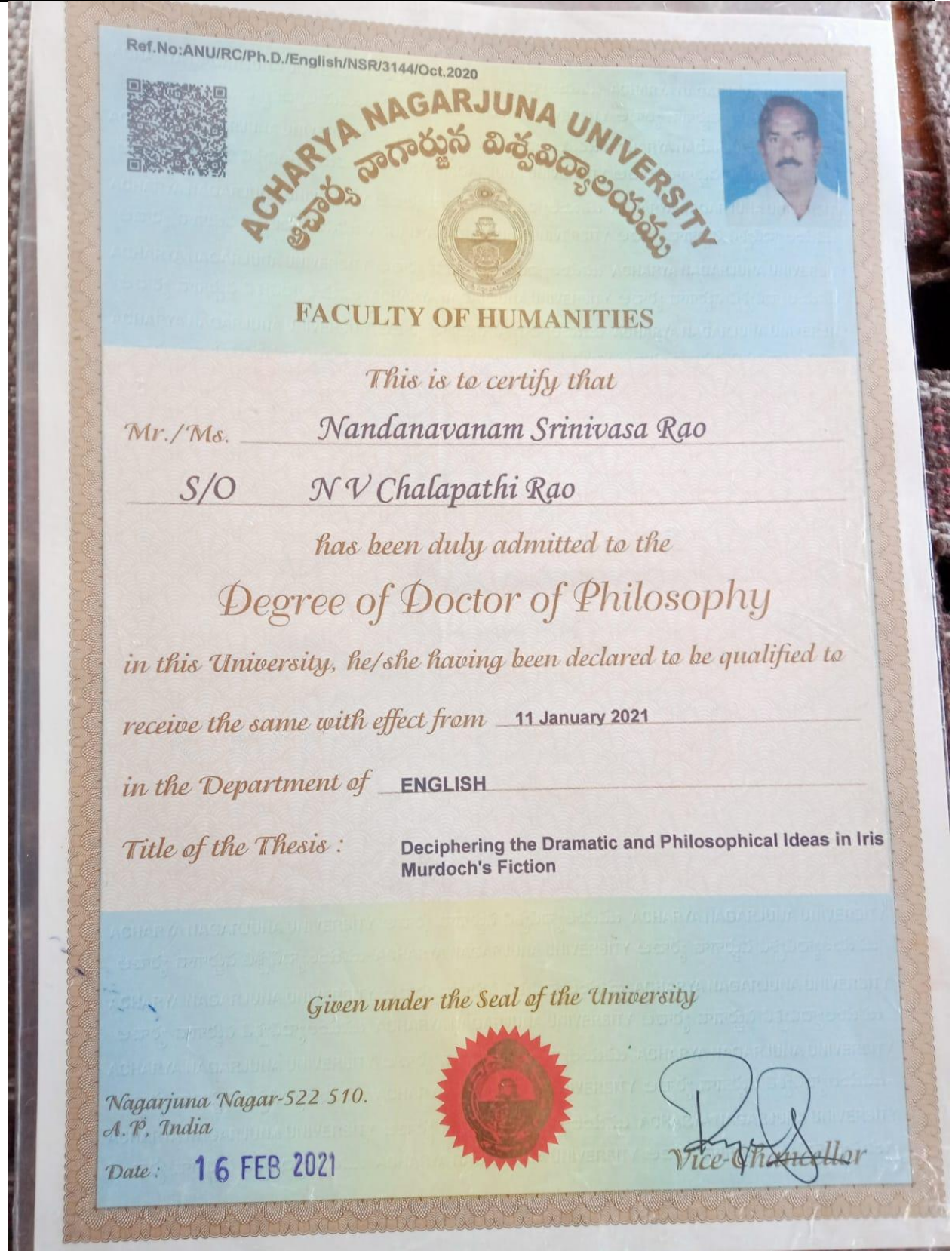
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ANDHRA PRADESH, INDIA

Date : 09/09/2020

ACKNOWLEDGEMENT

This is to acknowledge that Sri/Ms. V. SALAJA VANI
has submitted his/her Thesis for the Award of Ph.D. Degree in Commerce and Management
Studies on 09/09/2020


Superintendent

Thesis Section
SUPERINTENDENT
"THESIS SECTION"
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Ref.No:ANU/RC/Ph.D./Microbiology/MM/2256/Dec. 2017



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in the Department of MICROBIOLOGY

Title of the Thesis : **Phytochemical and Pharmacological Studies on Root
Extracts of Syzygium Samarangense (Blume) Merr. & L.M.
Perry**

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Nagarjuna Nagar-522 510,
A.P, India

Date : 18 FEB 2020



Vice-Chancellor



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RESEARCH ACTIVITIES 2017 - 22

2. RESEARCH PUBLICATIONS

The Research Committee facilitates the information of national and international journals with impact factor, scopus index and ranking high to the faculty members. As quality research work is being figured out, good number of articles are published by the faculty members. Many of them are being cited in the articles published with reputed journals. Students of our institution are also being active in publishing research articles in reputed journals.

Citation analysis is the best method of assessing the quality of published articles, Google Scholar provides the graph and details of Citation Index of the articles published by the faculty taken on 15th April 2023 is given here.

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YEAR

YEAR	Citations
2016	55
2017	25
2018	20
2019	45
2020	10
2021	15
2022	30
2023	5

TITLE

- [On wrapped version of some life testing models](#)
AV Dattatreya Rao, I Ramabhadra Sarma, SVS Girija
Communications in Statistics—Theory and Methods 36 (11)
- [On construction of new circular models](#)
SVS Girija
Guntur
- [On characteristic functions of the wrapped logn distributions](#)



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RESEARCH ACTIVITIES 2017 - 22

To encourage and inculcate research culture among the staff members, Management of Hindu College, Guntur came forward to publish an Edited Volume with high quality peer-reviewed scholarly articles of staff members. Research Cell and IQAC of Hindu College, Guntur initiated the compilation of research publications of the academic year 2018 – 19. It is coined as R.I.C.H. (Research Improvement Cell of Hindu College). Dr. S.V.S. Girija, Professor of Mathematics authored and published a book with CRC Press, Dr. G. Ramesh and Dr. N. Krishna, Assistant Professors of Botany authored chapters which are published with Springer. Dr. P. Venugopal, Lecturer in Economics figured out volume to compile the results of various micro level studies along with the macro - economic perspective over the economic impact of COVID - 19 pandemic. Dr. Y. Uday Kumar published his contribution with patents rights in Gazette of Government of India.

3. EDITORIAL AND REVIEW OF JOURNALS

Quality Research papers are being published in reputed International journals and good Citation Index is graphed in google scholar, faculty are selected as Editor and Reviewers to Internationally reputed journals.

1. Reviewer to Statistics and Probability Letters, Elsevier Journal
2. Reviewer to Communication in Statistics – Theory and Methods, Taylor and Francis.
3. Editor to Econometrics and Statistics, Elsevier Journal.
4. Member of the editorial board and reviewer panel of Journals and Conferences of the Institute of Mathematics and Management, Sri Lanka.



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Institute of Mathematics and Management

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Ranala, Sri Lanka.

+94112415537, 0777581601,
0776068991

Web: www.imathm.edu.lk
E-Mail: info@imathm.edu.lk

Your Name: Professor. Dr. (Mrs) S.V.S. Girija

Present Position: Professor of Mathematics

Present Affiliation/University: Department of Mathematics, Hindu College, India

Country: India

16th May 2020

Dear Madam,

LETTER OF APPOINTMENT EDITOR / REVIEWER

The Board of Directors of the Institute of Mathematics and Management (IMM) are immensely pleased to appoint you as a member of the editorial board and reviewer panel of Journals and Conferences of the IMM.

A reviewer's comment decides the acceptance or rejection of an article so they play an important role in the peer-review process. All the members are requested to test out the articles submitted to them without any bias to increase the quality of our journals/ conferences. While verifying the article, you have to go through the following points:

- Detailed examination and relevance of the article as per author guidelines.
- Careful examination of the purposes and objectives of the work carried out.
- The correctness of the conclusions and recommendations along with up-to-date references.
- Copyediting and proofreading of the manuscripts in accordance with publishing standards especially with grammar, punctuation, and spelling.
- Coverage areas of the manuscript in relevance with the scopes of journals.
- Plagiarism related issues if any.



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Being on the editorial board or a reviewer is truly productive, pleasant, and in fact, prestigious which helps in add-on to the scientific world through the ways and guidelines given by experts in the relevant fields. Though it is time-consuming and often goes unobserved, there are some important rewards that make the editorial board members/reviewers worthwhile. You will be entitled following benefits while working with us as an editorial board member/reviewer of the journals and conferences;

- You are enforced to read carefully various manuscripts in your area of importance and interest. This is the way you are routinely forced to keep yourself up-to-date while checking and suggesting the changes in the manuscript.
- This work helps to add in and provides a better way to create your identity as a well-known expert in your field and may lead to increased invitations to speak at conferences or demand for invited research of your specialized area.
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- You will come across the latest research before everyone else and gives you a position of leadership in your research community.
- The editorial board members/reviewers or someone introduced by them enjoy a 10% discount in participating in our conferences.

We congratulate you again on your appointment and involvement in IMM publications and events.

Dr. (Mrs). W.G. Samanthi Konarasinghe
Editor in Chief
IMM Publications

CITATION INDEX 2017 - 18

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
On wrapped version of some life testing models	Dr.S.V.S. Girija	Communications in Statistics— Theory and Methods 36 (11), 2027-2035	2007	6	Hindu College, Guntur	3
On construction of new circular models	Dr.S.V.S. Girija	VDM VERLAG, GERMANY	2007	5	Hindu College, Guntur	1
Circular model induced by inverse stereographic projection on extreme-value distribution	Dr.S.V.S. Girija	IRACST-Engineering Science and Technology: An International Journal (ESTIJ ...	2012	2	Hindu College, Guntur	
On characteristic functions of the wrapped lognormal and the wrapped Weibull distributions	Dr.S.V.S. Girija	Journal of Statistical Computation and Simulation 81 (5), 579-589	2011	4	Hindu College, Guntur	2
On characteristic functions of wrapped half logistic and binormal distributions	Dr.S.V.S. Girija	International Journal of Statistics and Systems 4 (1), 33-45	2009	4	Hindu College, Guntur	1
On construction of stereographic semicircular models	Dr.S.V.S. Girija	Journal of Applied Probability 8 (1), 75-90	2013	2	Hindu College, Guntur	3
Phani. Y.(2011), Differential Approach to Cardioid Distribution	Dr.S.V.S. Girija	Computer Engineering and Intelligent Systems 2 (8), 1-6	2011	2	Hindu College, Guntur	1
On stereographic lognormal distribution	Dr.S.V.S. Girija	International Journal of Advances in Applied Sciences 2 (3), 125-132	2013	1	Hindu College, Guntur	
Arc Tan-Exponential Type Distribution Induced By Stereographic Projection/Bilinear Transformation On Modified Wrapped Exponential	Dr.S.V.S. Girija	Journal of Applied Mathematics, Statistics and Informatics 9 (1), 69-74	2013	1	Hindu College, Guntur	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
On wrapped version of some life testing models	Dr. S.V.S. Girija	Communications in Statistics—Theory and Methods 36 (11), 2027-2035	2007	6	Hindu College, Guntur	4
On Constructin of New Circular Models - distribution	Dr. S.V.S. Girija	VDM Verlag	2009	2	Hindu College, Guntur	1
distributions	Dr. S.V.S. Girija	IRACST-Engineering Science and Technology: An International Journal (ESTIJ ...	2012	2	Hindu College, Guntur	1
On characteristic functions of wrapped half logistic and binormal distributions	Dr. S.V.S. Girija	Journal of Statistical Computation and Simulation 81 (5), 579-589	2011	1	Hindu College, Guntur	1
On construction of stereographic semicircular models	Dr. S.V.S. Girija	International Journal of Statistics and Systems 4 (1), 33-45	2009	1	Hindu College, Guntur	
Phani. Y.(2011), Differential Approach to Cardioid Distribution	Dr. S.V.S. Girija	Journal of Applied Probability 8 (1), 75-90	2013	1	Hindu College, Guntur	1
On characteristics of wrapped gamma distribution	Dr. S.V.S. Girija	Computer Engineering and Intelligent Systems 2 (8), 1-6	2011	1	Hindu College, Guntur	1
Stereographic Semicircular Half Logistic Distribution	Dr. S.V.S. Girija	IRACST-Engineering Science and Technology: An International Journal (ESTIJ ...	2013	3	Hindu College, Guntur	
Stereographic Logistic Model-Application to Noisy Scrub Birds Data	Dr. S.V.S. Girija	International Journal of Pure and Applied Mathematics 113 (11), 142-150	2017	1	Hindu College, Guntur	
Projection/Bilinear Transformation On Modified Wrapped Exponential	Dr. S.V.S. Girija	Chilean Journal of Statistics 7 (2), 69-79	2016	1	Hindu College, Guntur	
	Dr. S.V.S. Girija	Journal of Applied Mathematics, Statistics and Informatics 9 (1), 69-74	2013	1	Hindu College, Guntur	1



Ph:0863-2227649

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CITATION INDEX 2019

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/Web of Science or PubMed/ Indian Citation Index

Dr. S.V.S. GIRIJA, Professor of Mathematics

1. On wrapped version of some life testing models

Search within citing articles

[HTML] mdpi.com

On Wrapping of Quasi Lindley Distribution

[AMH Al-khazaleh, S Alkhazaleh - Mathematics, 2019 - mdpi.com](#)

In this paper, as an extension of Wrapping Lindley Distribution (WLD), we suggest a new circular distribution called the Wrapping Quasi Lindley Distribution (WQLD). We obtain the probability density function and derive the formula of a cumulative distribution function ...

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DIFFERENTIAL CALCULUS NOTES ON WRAPPED EXPONENTIAL DISTRIBUTION

[HI Okagbue, SA Bishop... - International ..., 2019 - eprints.covenantuniversity.edu.ng](#)

Wrapped probability distributions are used in modeling circular data arising from physical, medical and social sciences. Wrapped exponential distribution is obtained from wrapping exponential distribution in a unit sphere. This work considers the generation of ordinary ...

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WRAPPED FLEXIBLE SKEW LAPLACE DISTRIBUTION

[A YILMAZ - İstatistik Türk İstatistik Derneği Dergisi - dergipark.org.tr](#)

We introduce a new circular distribution named as wrapped flexible skew Laplace distribution. This distribution is the generalization of wrapped Laplace which was introduced by Jammalamadaka and Kozubowski 2003 and has more flexibility properties in terms of ...

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HI Okagbue, [SA Bishop](#), PE Oguntunde... - Bishop, Sheila and E ..., 2019 - papers.ssrn.com

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4. [Circular model induced by inverse stereographic projection on extreme-value distribution](#)

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[\[PDF\] A half-circular distribution on a circle](#)

[A Rambli, I Mohamed, K Shimizu, NM Ramli - Sains Malaysiana, 2019 - core.ac.uk](#)

Up to now, circular distributions are defined in $[0, 2\pi)$, except for axial distributions on a semicircle. However, some circular data lie within just half of this range and thus may be better fitted by a half-circular distribution, which we propose and develop in this paper using ...

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[On geometric probability distributions on the torus with applications to molecular biology](#)

[A Selvitella - Electronic Journal of Statistics, 2019 - projecteuclid.org](#)

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We introduce a new circular distribution named as wrapped flexible skew Laplace distribution. This distribution is the generalization of wrapped Laplace which was introduced by Jammalamadaka and Kozubowski 2003 and has more flexibility properties in terms of ...

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[PDF] [On Semicircular Extreme-value distribution](#)

[R Srinivas](#), [Y Phani](#), [SVS Giriya](#) - International Journal of Applied ..., 2019 - ripublication.com

This paper is aimed at construction of Semicircular Extremevalue distribution for modeling semicircular data by applying simple projection method on Extreme-value distribution. It is extended it to the l-axial Extreme-value distribution by a simple projection for modeling any ...

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[AMH Al-khazaleh](#), [S Alkhazaleh](#) - Mathematics, 2019 - mdpi.com

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[Φ Καραθανάση - 2020 - dspace.lib.ntua.gr](#)

Γενικά, το μετεωρολογικό και ωκεανογραφικό κλιματικό σύστημα δεν μπορεί να περιγραφεί λεπτομερώς λόγω της μη επαρκούς ή ελλιπούς γνώσης των φυσικών νόμων και των αναρίθμητων παραγόντων που επηρεάζουν τις αντίστοιχες συνιστώσες του και προκαλούν ...

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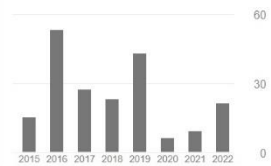
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