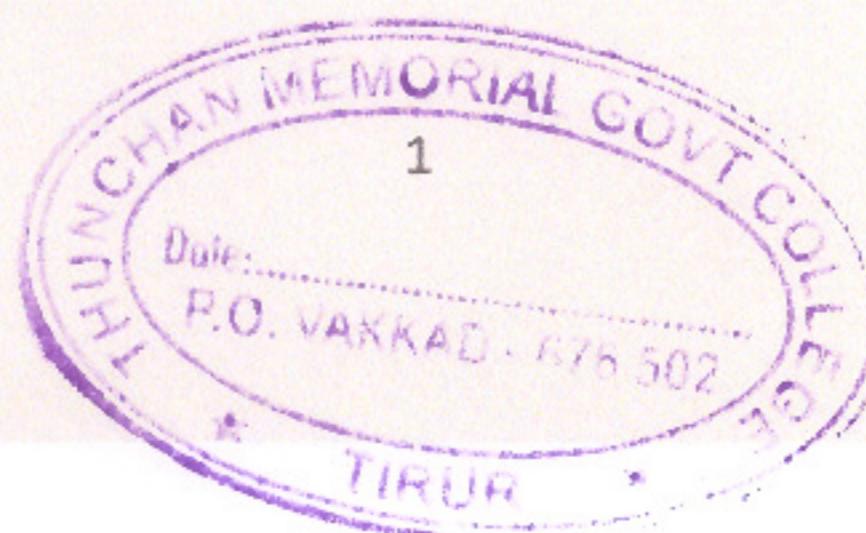


### 3.3.2-Books and Chapters /Papers in Conference proceedings– 2019-20

#### **Books and Chapters**

Name of the teacher	Title of the book/chapters published	National I / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Sageera M P	Transitions of Kerala:Narrations and Representations	National	2019-20	978-81-941640-2-9.	TMGC, Tirur	Sree Sankaracharya University of Sanskrit
Badisha V	Online learning and e-pedagogy, a digital approach to social science teaching and learning	National	2019-20	978-93-88992-62-6	TMGC, Tirur	Sahitya Pravarthaka co-operative society Kottayam Kerala
Ambily R P	Penthuruthu	National	2019-20	978-93-84974-01-5	TMGC, Tirur	Rev.George Mathan Academy,Bishop Moor College, Mavelikkara
Dr. Sainuddeen P T	Min Wahji nidhaal	National	2019-20	9788193920480	TMGC, Tirur	National publisher, Al huda book stall Kozhikode
Dr. Sainuddeen P T	Al Asjad min aladab Al Arabi	National	2019-20	9788193920473	TMGC, Tirur	National publisher, Al huda book stall Kozhikode
Dr. Sainuddeen P T	Kuos alahlam	National	2019-20	ISBN 9788194385639	TMGC, Tirur	National publisher, Al huda book stall Kozhikode





Dr. Sainuddeen P T	Thaammulath fi qadhaaya Arab wa naqd	National	2019-20	ISBN 978938531234 65,2019	TMGC, Tirur	National publisher alumni publishers sree Shankaracharya university of Sanskrit, Regional center Tirur
Dr. Sainuddeen P T	Hasan Abdullah Al Qurashy: Shahirul qadaya Al siyasiya,	National	2019-20	ISBN 978819263017 , 2019	TMGC, Tirur	National publisher alumni publishers sree Shankaracharya university of Sanskrit, Regional center Tirur
Dayanandan K	Puthukadha – Soundaryavum Rashtreeyavu m	National	2019-20	819318700-8	TMGC, Tirur	Yes Press Books, Perumbavoor
Dayanandan K	Pachayude Desangal	National	2019-20	978-93-90165- 00-1	TMGC, Tirur	Logos Books Pvt.Ltd, Vilayur





## Papers in Conference proceedings

Name of the teacher	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Anilkumar M. P.; K. P. Jose	Geo/Geo/1 Inventory System with Closed Form Solution	Proceedings of National Seminar on Pure and Applied Mathematics	National Seminar on Pure and Applied Mathematics	National	2019-20	ISBN 978-93-85657-19-1	TMGC, Tirur	Principal, St.Peter's College, Kolenchery
Preethy B Menon	A Study on Employee Resilience and Employee Performance among IT Sector Employees with special reference to Mysore City	Emerging Trends in Commerce and Management	Two Day National Seminar on Emerging Trends in Commerce and Management	National	2019-20	978-93-89507-39-3	TMGC, Tirur	Mayas Publications





---

# Transitions of Kerala

## Narrations and Representations



Editor : Dr. M.C.Abdul Nazar







Transitions of Kerala:  
Narrations and Representations  
English  
(Essays)

Edited by  
Dr. M.C.Abdul Nazar  
First Published  
August, 2019  
Cover  
Book Design  
Progressive Computers, Taliparamba  
Licenced under creative commons share alike  
ISBN:978-81-941640-2-9

Publishers  
Department of Malayalam  
Sree Sankaracharya University of Sanskrit  
Regional Centre,  
Payyannur, Edat P.O., 670327.

Printed at  
Vibgeor Offset Printers  
Calicut -4

Price Rs.150/-



## **CONTENTS**

1. Silent Emotions, Jumbled Hearts Piecing Together The Puzzled Fragments of Malyali Diaspora 13-22  
**V. Muzafer Ahamed**
2. Migration-The Third M of Kerala Modernity, An Aesthetical Overview 23-37  
**Rafiq Ibrahim**
3. Decolonizing Imaginations: A Linguistic Analysis of "Dars Malayalam" (Religious Instructional Language) of Malabar Muslims 38-48  
**Dr. V. Abdul Lathief**
4. The Politics of Resource Relations, Identity and Autonomy in Dalit Woman Testimonies of Kerala 49-68  
**M.P Sageera.**
5. The Construct of Family And Social Reform Movements: A Study Based on The History of Development of The Keralite Family 69-78  
**A.P Nimmi.**



# 72 ONLINE LEARNING AND e-PEDAGOGY

A Digital Approach to Social Science Teaching and Learning

Dr. Sivadasan P.

Volume No. 1, Issue No. 1

ISSN No. 2619-102X

Editor: Dr. Sivadasan P.



## The Politics of Resource Relations, Identity and Autonomy in Dalit Woman Testimonies of Kerala

M.P Sageera

Social Subjectivity of an individual is formed primarily through his or her access to resources. The basis of existence is fixed in the availability of resources. It is in connection with one's capacity to choose from the natural and socio-cultural resources that social hierarchies are created. The proximity and distance from resources defines the hierarchies of a society. This paper explores the connection between hierarchies of subjectivities and resource-relations in autobiographical narratives. Specifically the autobiography of Adivasi Dalitwoman and the connected contexts provide the paper its main premises. One of the most important autobiographical narratives in that respect is CK Janu's *C.KJanuvinteJeevitha Katha*(2003).

C k Janu is a social worker and activist who hails from the Wayanad District of Kerala. She is the leader of Adivasi Gothra MahaSbha, a social movement that has been agitating Kerala since 2001 for redistribution of land to the landless tribal people in Kerala.Janu led many protests and movements through the state such as *Kudilketti Samaram*(2001), *Muthanga Samaram* (2003), *Aralam Farm Protests*, *NilpuSamaram* (2014), Hunger Strike etc. All these protests were made for the welfare of Adivasis and have succeeded in distributing hectors of lands to nearly 10,000 tribal families and ownership in forest lands. She was honoured 'The Best schedule Tribe Social worker' in 1994 by state of Kerala.



(English)  
**ONLINE LEARNING AND e-PEDAGOGY**  
A Digital Approach to Social Science  
Teaching and Learning

Pedagogical Science  
© UGC-HRDC University of Calicut

Chief Editor  
Dr. M. A. Joseph

Editor  
Dr. Sivadasan P.

Published by  
UGC-HRDC University of Calicut  
Malappuram, Kerala  
In association with  
Sahithya Pravarthaka Co-operative Society Ltd. No. 2458  
Kottayam, Kerala  
Email: spcsktrm@gmail.com

Price ₹ 700.00

Cover Design  
Vinod Kumar C. S.

First Published November 2019

Printed at  
Romanson Print House, Thiruvananthapuram

ISBN 978-93-88992-62-6  
978000031735

Sales Department  
National Book Stall  
Thiruvananthapuram-Kollam-Alappuzha-Thiruvalla  
Kottayam-Thodupuzha-Ernakulam (Marine Drive)-Irinjalakkuda  
Thrissur-Palakkadu-Kozhikkodu-Kalpatta-Kannur  
www.nationalbookstall.com



B 6247

99/19-20

1-100

## CONTENTS

I. AN ECONOMIC APPRAISAL OF ONLINE HIGHER EDUCATION SECTOR IN INDIA –Abdul Sameer P. M	11
2. TRENDS IN OPEN EDUCATION: TOWARDS A PARADIGM SHIFT–Abilash M. K	23
3. SOCIAL WRITING AND LEARNING: USING BLOGS TO ENRICH STUDENTS–Animol Jacob	30
4. GOOGLE CLASSROOM: A TOOL OF e-LEARNING–Anooja K	36
5. NATURE & GROWTH OF e-LEARNING –Ashraf Panancheri	44
6. M-LEARNING IN HIGHER EDUCATION: PROSPECTS & CHALLENGES–Badisha. V	52
7. ICT ENABLED EDUCATION:PROBLEMS & PROSPECTS OF RURAL HIGHER EDUCATION IN KERALA–Chaithanya U	59
8. RELEVANCE OF INTELLECTUAL PROPERTY RIGHTS IN E-LEARNING–Dr. Jani Chungath	69
9. ROLE OF COMPUTER ASSISTED INSTRUCTION (CAI) IN TEACHING COMMERCE–Dr. Jubair T.	79
10. ONLINE PEDAGOGY: A CRITIQUE, BASED ON THE NEW EDUCATION POLICY–Dr. Manoj T.R	90
11. THE CHALLENGES IN OFFERING ONLINE COURSES –Dr. Navitha Thimmaiah	93
12. THE PROPRIETARY vs. OPEN SOURCE SOFTWARE: MAKING THE RIGHT MOVE IN THE E-LEARNING PLATFORM–Dr. G. S. Sandhya Nair	100
13. ELECTRONIC TEACHING AND LEARNING: A SWOT ANALYSIS IN INDIAN CONTEXT–Dr. Streesha C.H	118
14. DESIGNING TEACHING AND LEARNING IN A DIGITAL AGE–Dr. Subair K A	125



## M-LEARNING IN HIGHER EDUCATION: PROSPECTS & CHALLENGES

Badisha. V  
Asst. Professor,  
T. M. G. College Tirur

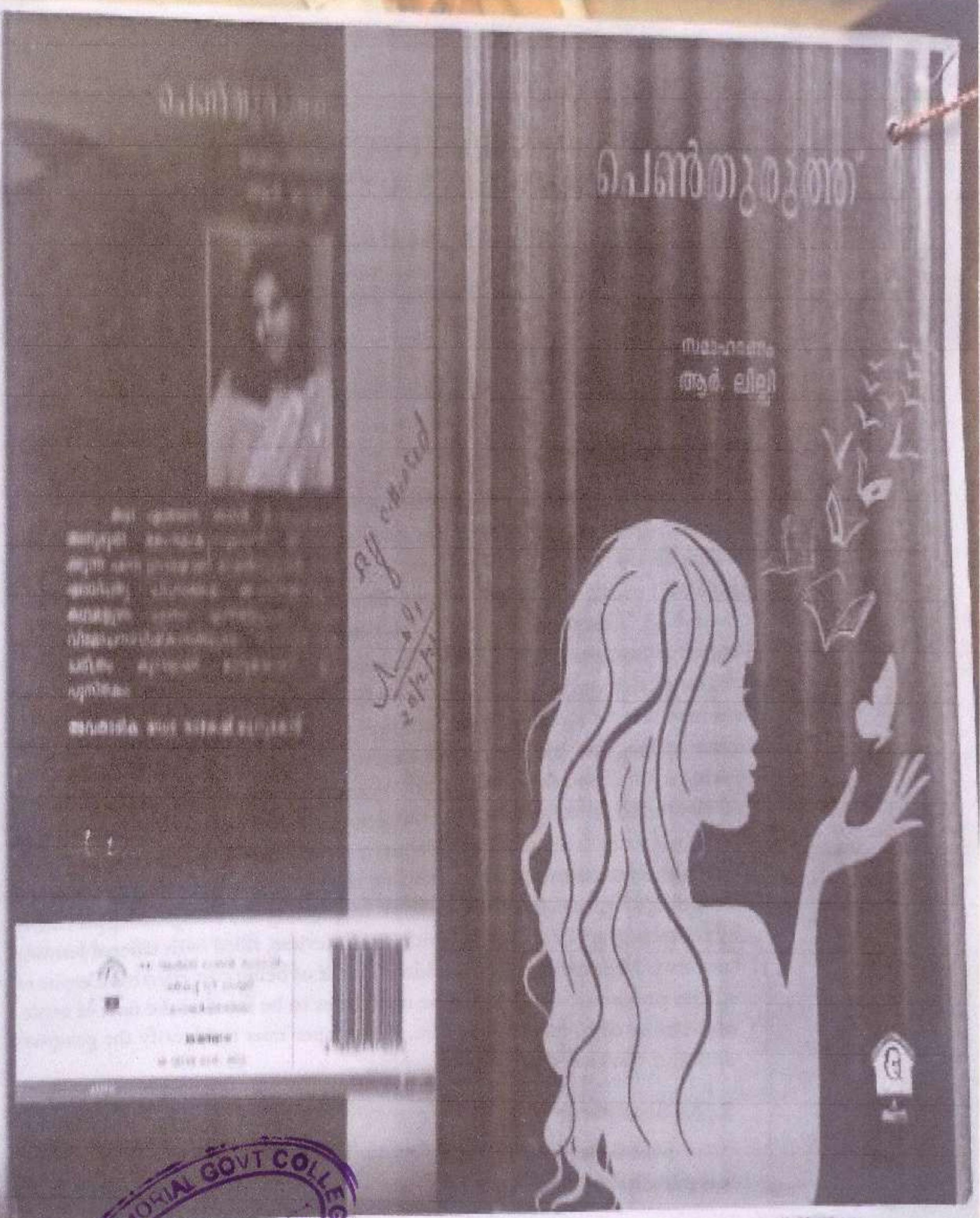
### 1. Introduction

The rapid growth of information and communication technologies and rising computer knowledge of the students make possible the development of society in the twenty-first century. There are 3.3 billion Smartphone users in the world today, 42.78% of the world's population have a Smartphone today. Over 4.33 billion people were active internet users as of July 2019, (56%). The development of e-Learning in education provides a way of new technologies in modern education systems. M-learning also known as mobile learning is a new way to access learning content using mobile devices. M-Learning is more interactive, involves more contact, communication and collaboration with people. Students will understand the content better, and will be motivated to do well, if they are supplemented with m-learning. M-learning is convenient as it is accessible from virtually anywhere. Sharing is almost instantaneous among everyone using the same content, which leads to the reception of instant feedback and tips. M-learning also brings strong portability by replacing books and notes with small devices, filled with tailored learning contents. M-learning has the added benefit of being cost effective. Despite of all the prospects, there are some challenges to be faced at the time of implementation of m-learning system. This paper tries to identify the prospects and also the challenges of m-learning.

### 2. M-learning

Mobile learning is the ability to obtain or provide educational content on personal pocket devices such as PDAs, smart phones and mobile phones.





12



Malayalam Language  
PENTHURUTHU  
Study

Editor: R. Lily

Published by

Rev. George Mathew Academy  
St. George's Music College,  
Mavelikkara - 69  
Kappilath, Kerala

Cover Design: Jyothika

An imprint of Orchid Books,  
Kerala 691 112, India - 691576  
Email: orchidbooks@rediffmail.com  
Ph: 04762513712, 9144647456

First published June 2019

Typeset: Savitha DTP centre, 9945274647

Printed @ Sankalp printers, Kozhikode, India

Disclaimer:

any part of this publication may be reproduced,  
stored in or introduced into a retrieval system,  
or transmitted in any form or by any means electronic,  
mechanical, photocopying, recording or otherwise  
with the prior written permission of the author and publisher only.

ISBN: 978-93-8407-401-4

₹. 120

SL. No. 02-1000-10-6 SPDM 06/19

പെണ്ണത്യരൂപത

സിനിമാ

രഹി. എലി



ഒരു സൗജന്യ ചിത്രം  
രഹി എലി  
സിനിമാ



第 3 章 项目管理



କୁଳାଙ୍ଗରୀ ପାତାରେ କାହାରେ ନାହିଁ  
ଲାଗୁଣ୍ଯମାତ୍ର କାହାରେ ନାହିଁ

www.jingxian.com



# من وهج النهار

تحليل ودراسة

د/زن الدين بي.تي

د/عفرا صادق بي.بي

أ/معي الدين كوتى كنيات

محضر د.ست علوى بو

Text Book for  
Calicut University BA Arabic V<sup>th</sup> Semester



11

15



# *Min Wakji al Nidal*

**Study and Commentary of Novel**

**Dr. Sainuddeen P.T**

**Dr. Jafar Sadik P.P**

**Prof. Moideenkutty Kanniyath**

**Text Book for  
Calicut University BA Arabic V<sup>th</sup> Semester**

Kozhikode  
**Dr. Sudhakari A.**



**AL HUDA BOOK STALL**

Kozhikode Tel. +91 9946 00 55 12

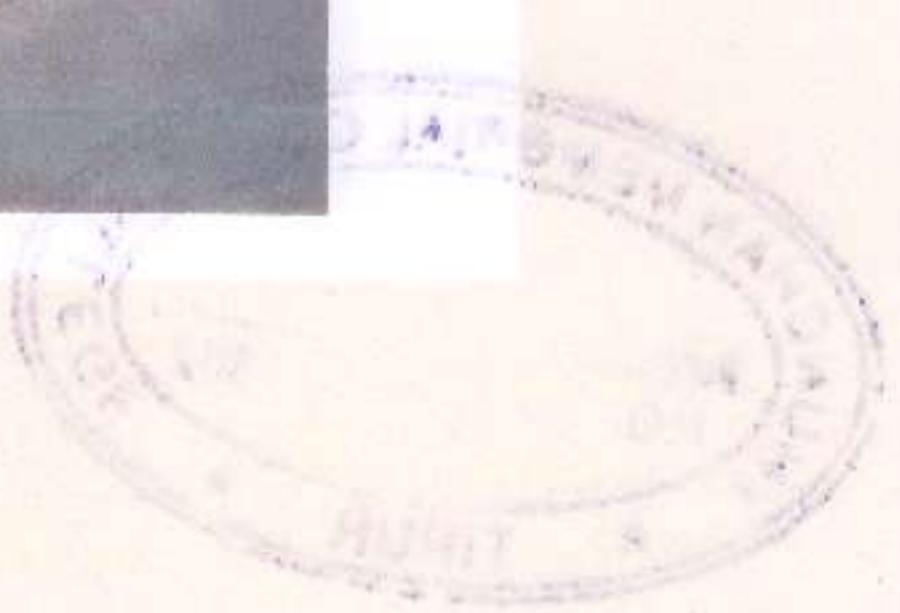


ISBN No. 978-93-808204-6-9



12

16





**MIN WAHJI AL NIDAL**  
Study and Commentary of Novel  
*Prepared by*  
Dr. Sainuddeen P.T  
Dr. Jafar Sadik P.P  
Prof. Moideenkutty Kanniyath  
First Edition: 2019  
ISBN: 978-81-939204-8-0  
Copy right reserved  
Printed and Published by:  
**ALHUDA BOOK STALL**  
Calicut-1, Mob: 9946005512  
01/500/02/2019/07/10

01/500/02/2019/07/10





من وهج النضال

تحليل ودراسة

د/زين الدين بي-تي

د/جعفر صادق بي-بي

أ/محى الدين كوتى كنيات

النشر الأول: ٢٠١٩ م

ISBN: 978-81-939204-8-0

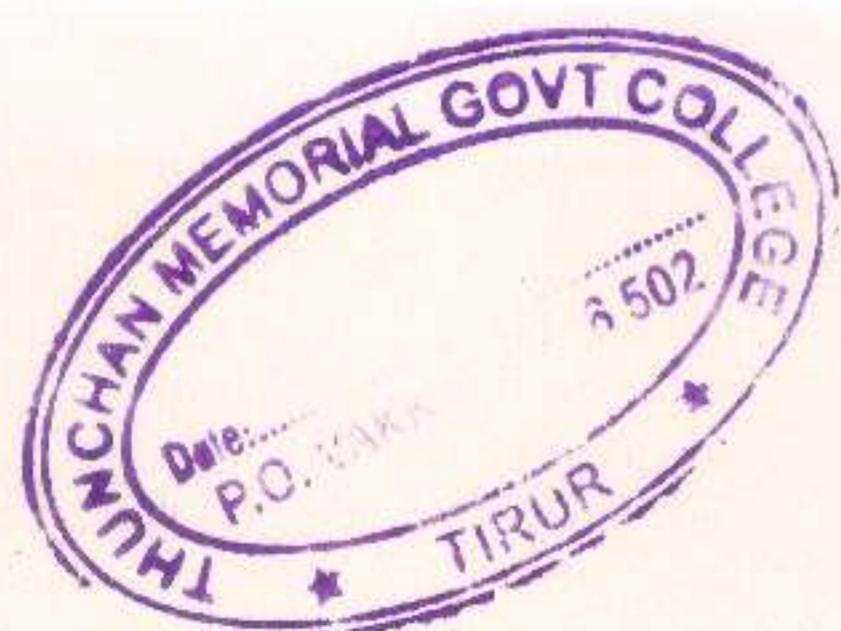
الطبع والنشر: مكتبة الهدى، كالكوت

ممنوع نشر

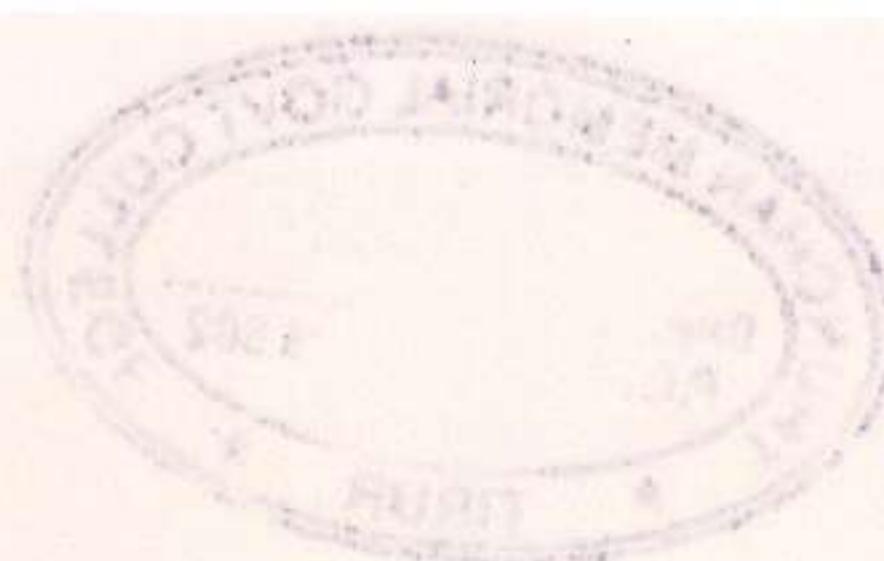
أصل أو ترجمة لهذا الكتاب أو جزء منهما بغير إذن الناشرين

٤٠٠٥٧/٢٠١٩/٠٢/٥٠٠/٠٩

14



18



# العنجد من الأدب العربي

إعداد:  
أ/ محي الدين كوفي كهياط  
د/ زين الدين بي. بي.  
د/ حافظ صادق بي. بي

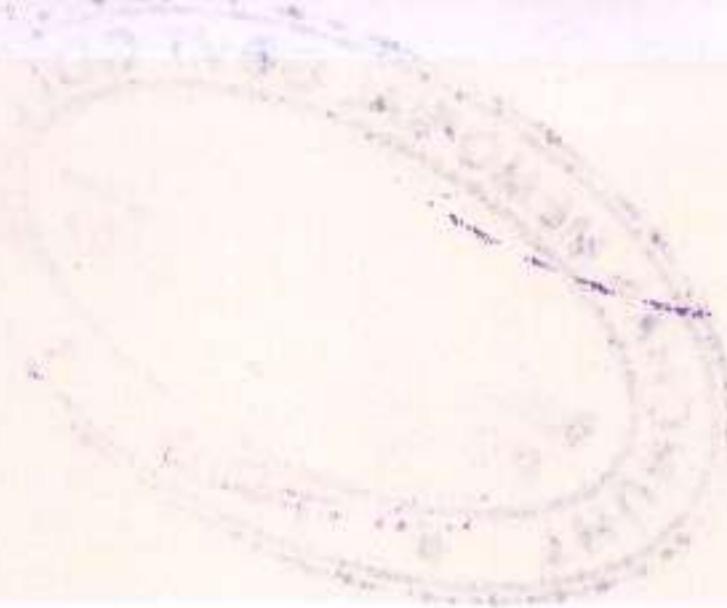
تحقيق: د. سيد علوى بو



16



19



# **Al-Asjad min Al Adabi Al Arabi**

Prepared by  
**Prof. Moideenkutty Kanniyath**  
**Dr. Sainuddeen P.T**  
**Dr. Jafar Sadik P.P**

Directed by  
**Dr. M. M. A. T.**

Text Book for  
**Calicut University BA Arabic V<sup>th</sup> Semester**



**AL HUDA BOOK STALL**

Kozhikode Tel: +91 9446 00 55 12



17

20





AJ-Atjad min Al Adabi Al Arabi

Prepared by

Prof. Moldeenkutty Kanniyath

Dr. Sainuddeen P.T

Dr. Jafer Sadik P.P

First Edition: 2019

ISBN: 978-81-939204-7-3

Copy right reserved

Printed and Published by

**ALHUDA BOOK STALL**

Calicut-1, Mob: 9946005512

01/500/02/2019/07/10

18

21





العسجد من الأدب العربي

إعداد

أحمد الدين كوني كعبات

د/ زين الدين بي.بي

د/ جعفر صادق بي.بي

النشر الأول: ٢٠١٩ م

ISBN: 978-81-939204-7-3

الطبع والنشر: مكتبة الهدى، كاليفورن

ممنوع لشر

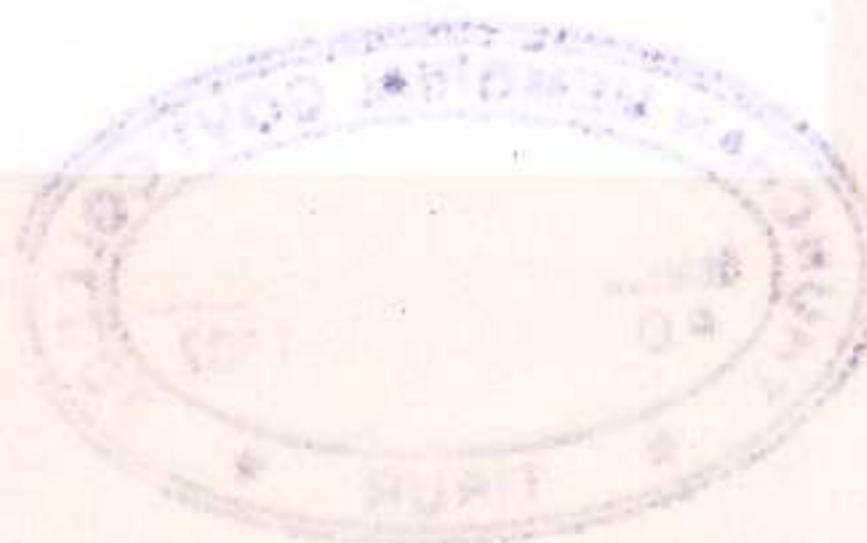
أصل أو ترجمة لهذا الكتاب أو جزء منهما يغير إذن الناشرين

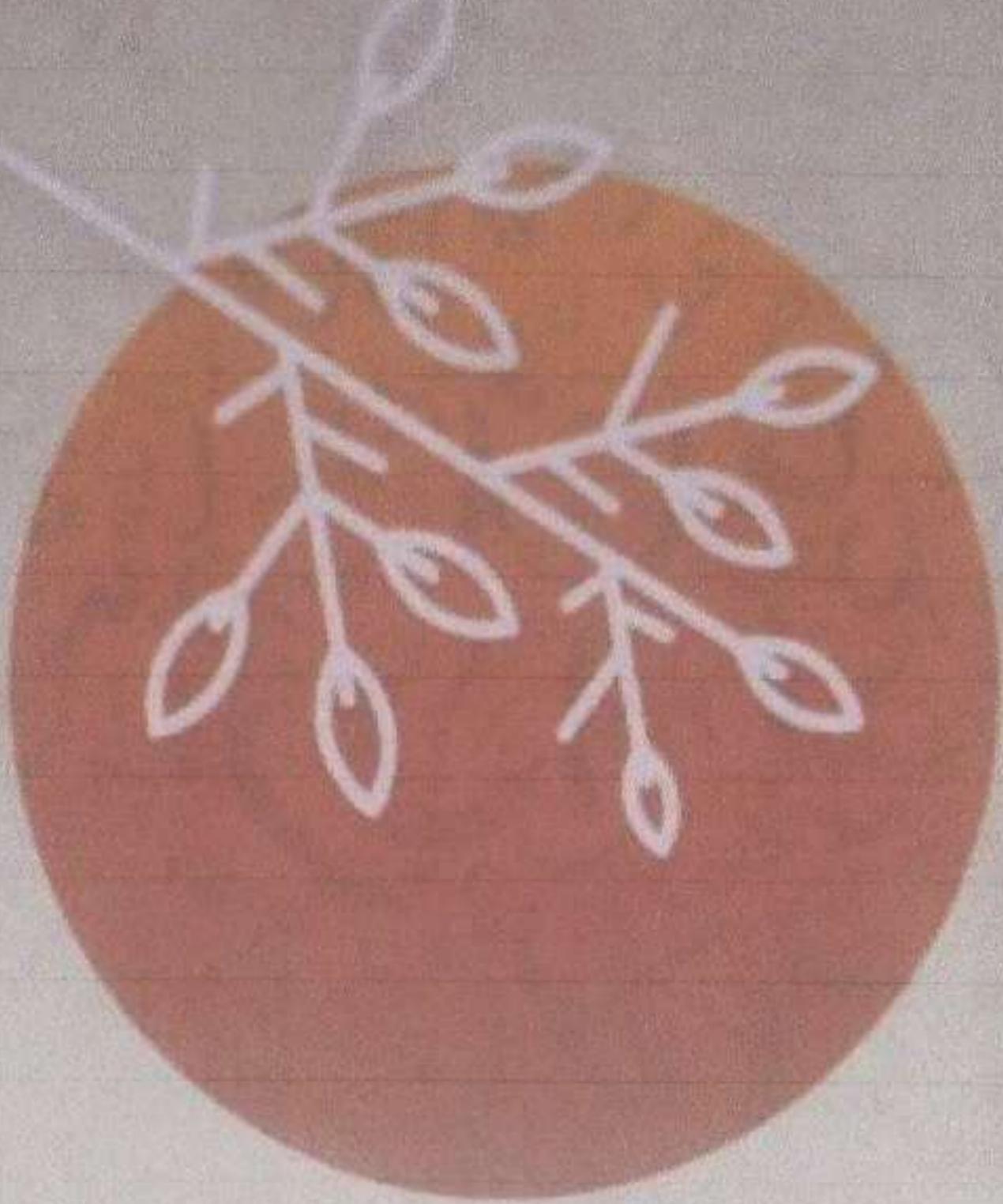
٢٠١٩/٠٢/٥٠٠/٠١



19

22





# كؤوس الأحلام

نماذج من الأدب العربي الكلاسيكي

جمع وتحليل:

الدكتور جعفر صادق بي. بي.

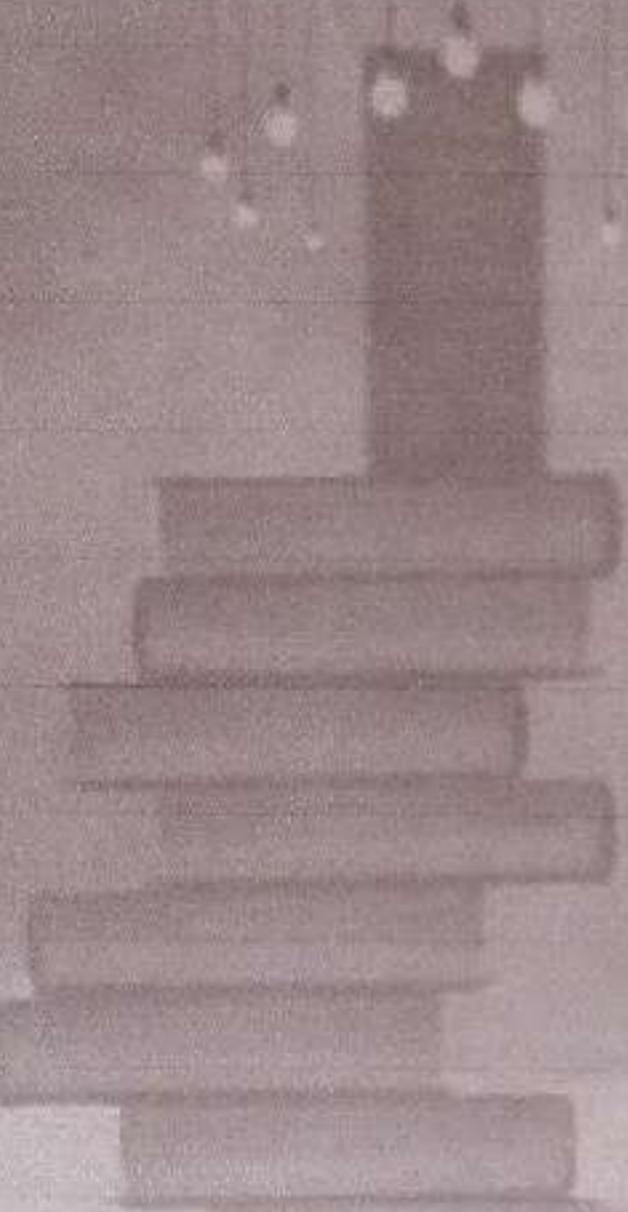
الدكتور زين الدين بي. تي.

معي الدين كوتى كنيات



39

23



# KUOS AL AHLAM

Selections of Classical Arabic Literature

Collection & Review:

Dr. Jafar Sadik. P.P

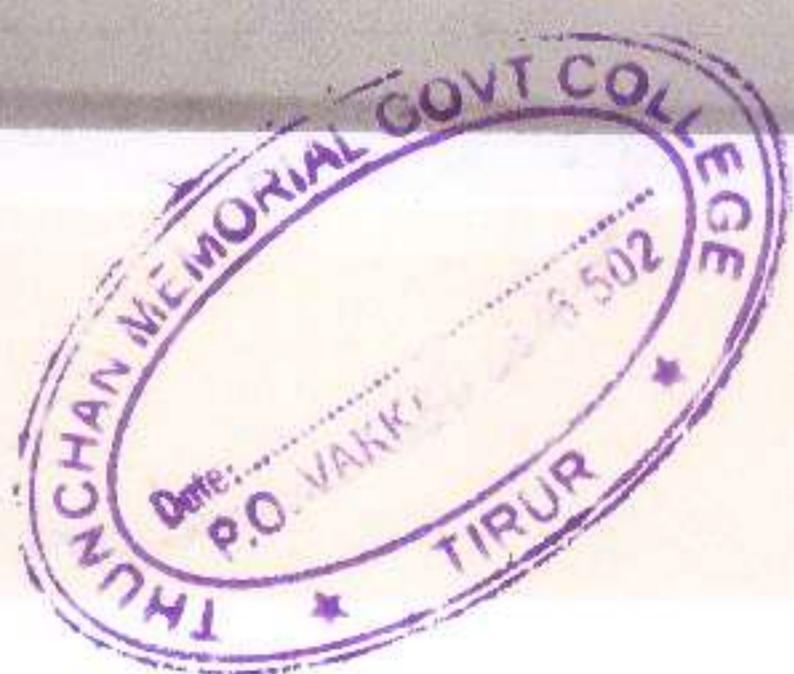
Dr. Sainuddeen P.T

Moideenkutty Kanniyath



AL HUDA BOOK STALL

Kozhikode Tel: +91 9446 30 25 12





كتاب الأحلام

صادق من الأدب العربي الكلاسيكي

جمع وتحليل:

الدكتور جعفر صادق بي بي

الدكتور زين الدين بي بي

محى الدين كوتى كتاب

النشر الأول: ٢٠١٩ م

ISBN: 978-81-943856-3-9

الطبع والنشر: مكتبة الهدى، كاليكوت

ممنوع نشر أصل أو ترجمة لهذا الكتاب أو جزء منه ما دفعه إذن المشرف

١٥/١٢/٢٠١٩ / ٠٢/٥٠٠ / ٠١



41

25

thalammulath fi qadhaya al adab wa al naqd  
arabic  
study

Dr. Saimuddeen PT

2019 November

Copy right rests with Publisher

ISBN 97893853123465

Published by

alumni publishers

swami sankaracharya university of Sanskrit rc tirur

Cover: Chitra EK

Printed at Lipi offset Press Malappuram

rs. 140/-

The author is responsible for the contents and views expressed



## المحتويات

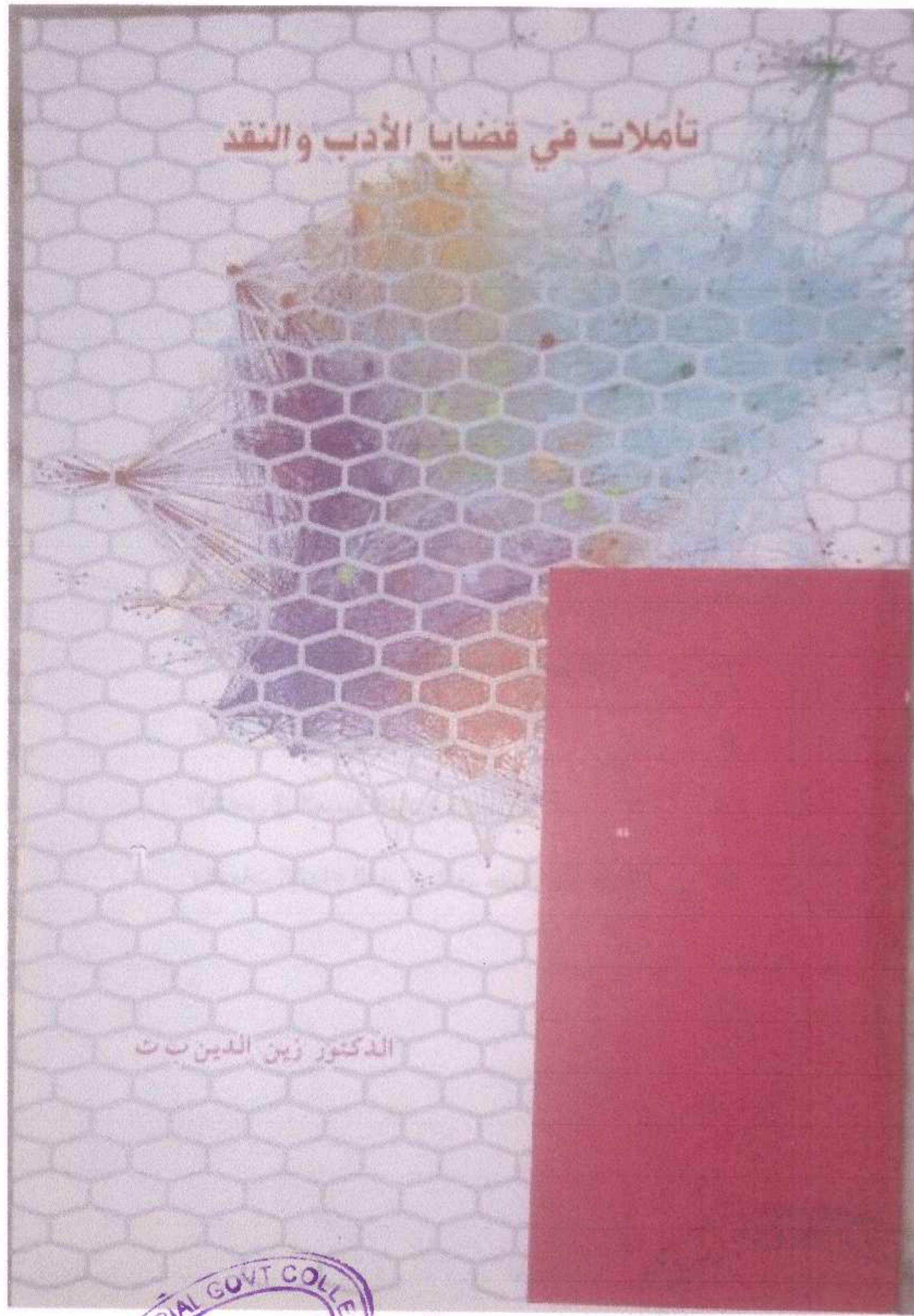
- |    |   |
|----|---|
| ٩  | الرواية العربية في الجزائر: تحولوها وملامحها                        |
| ١٨ | تحولات صور المرأة في الرواية العربية:<br>قراءة مقارنة في زينب وزينة |
| ٢٤ | تجربة العرب في النقد الثقافي  |
| ٤٦ | الثورة الجزائرية في الشعر السعودي                                   |
| ٥٤ | الحنين في الشعر الجاهلي   |
| ٦٣ | المفارقات والتهكم في شعر مصطفى وهبي التل                            |
| ٨٢ | الوطنية في الشعر السعودي  |
| ٨٢ | التناص في العربية التراثية والحديثة                                 |
| ٩٦ | مقومات الإبداع الفني في شعر حسن عبد الله القرشي                     |



47

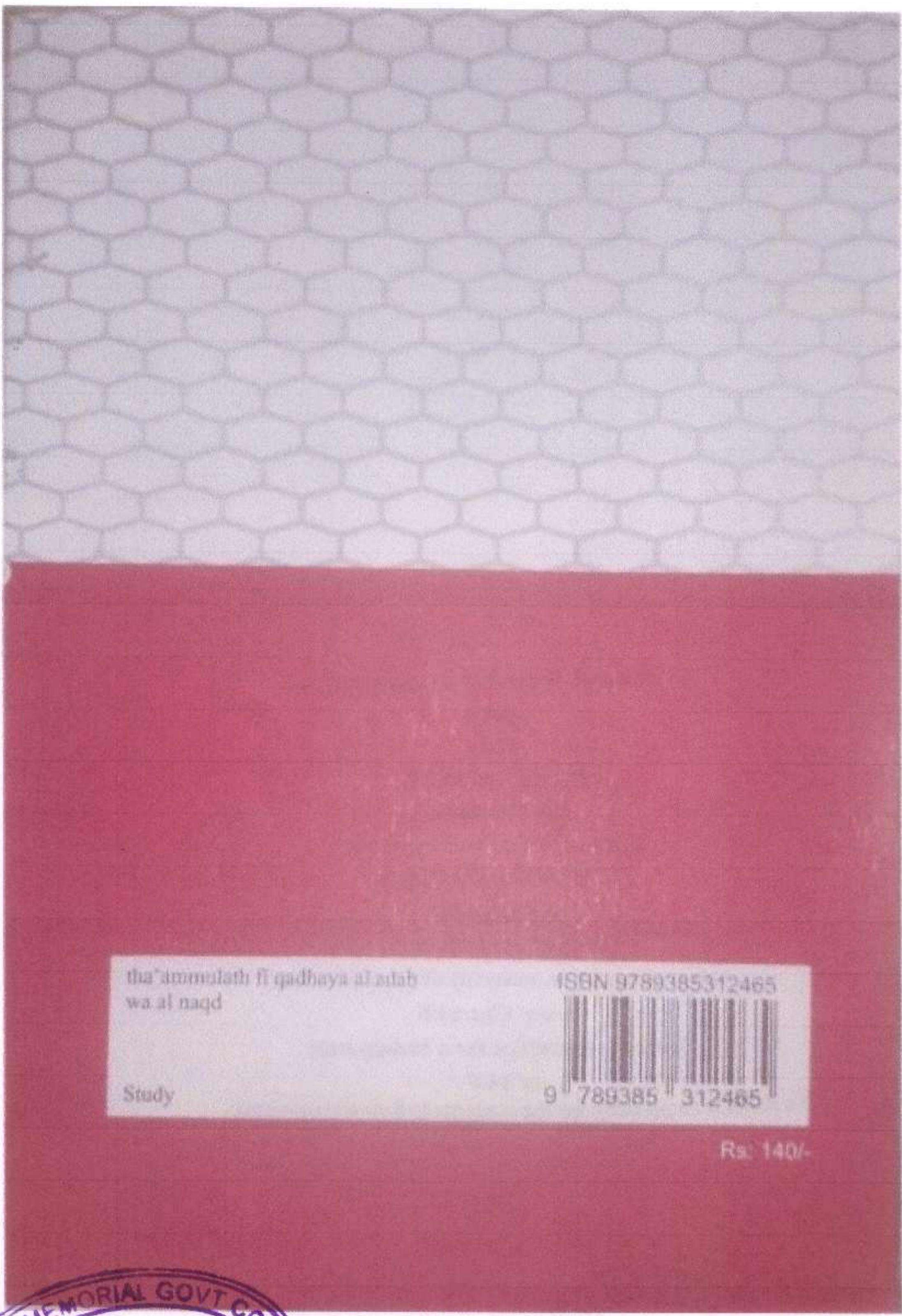
# تأملات في قضايا الأدب والنقد

الدكتور زين الدين بـ ت



44





45

tha'ammulath fi qadhaya al adab wa al naqd  
arabic  
study

Dr. Sainuddeen PT

2019 November

Copy right rests with Publisher

ISBN 97893853123465

Published by

alumni publishers

sree sankaracharya university of Sanskrit rc tirur

Cover: Chitra EK

Printed at Lipi offset Press Malappuram

rs. 140/-

The author is responsible for the contents and views expressed



46

30



الاستوارات

٩	الرواية العربية في الجزائر: تحلورها وملامحها
١٨	تحولات صور المرأة في الرواية العربية: قراءة مقارنة في زينب وزينة
٤٤	تجربة العرب في النقد الثقافي
٤٦	الثورة الجزائرية في الشعر السعودي
٥٤	الحنين في الشعر الجاهلي
٦٢	المفارقات والتهكم في شعر مصطفى وهبي التل
٨٢	الوطنية في الشعر السعودي
٨٢	التناص في العربية التراثية والحديثة
٩٦	مقومات الإبداع الفني في شعر حسن عبد الله القرشي



حسن عبد الله القرشي:  
شاعر القضايا السياسية



الدكتور حسن الدين بـ



حسن عبد الله القرشى أحد أعلام التئم القرىبي الحديث في  
الشعرية المدرسة ولد القرشى في هذه المكرمة سنة ١٩٦٧ واستغل في  
سلك السياسى السعودى ومتقلداً من منصب السفير في الوزارة  
الخارجية السعودية مفريع لأعمال الثقافية ولنشر الكتب وكان عضواً  
في سمع اللغة العربية في القاهرة وفي عمان في الأردن وفي دمشق في  
سوريا واستغل إلى حوارية سنة ٢٠٠٣م نازكاً إلينا ضحاماً من الأدب  
شاعراً وشاعراً لامرأة الدارسين والباحثون متصدر قصائده كأن القرشى  
شاعراً وكائناً وقائماً وباهتاً وبناقاً ومرحباً هذا الكتاب يقدّمه هذه  
النقطة الأدبية من المملكة العربية السعودية، إلى القراء، ويقرب  
أبواب الأدب ونظراته الشعرية وتجاربها من محي اللغة  
العربية وأدابها، مما يجعل بعثت الطريق إلى دراسة الأدب القرشى  
السعودى الذي ينبع بطبيعة الخاص بين أدب اللغة العربية في  
مختلف أقطار الوطن العربي

hasan abdullah al qurasby : shair al  
qashaya al siyasiyya

ISBN 9788192639017



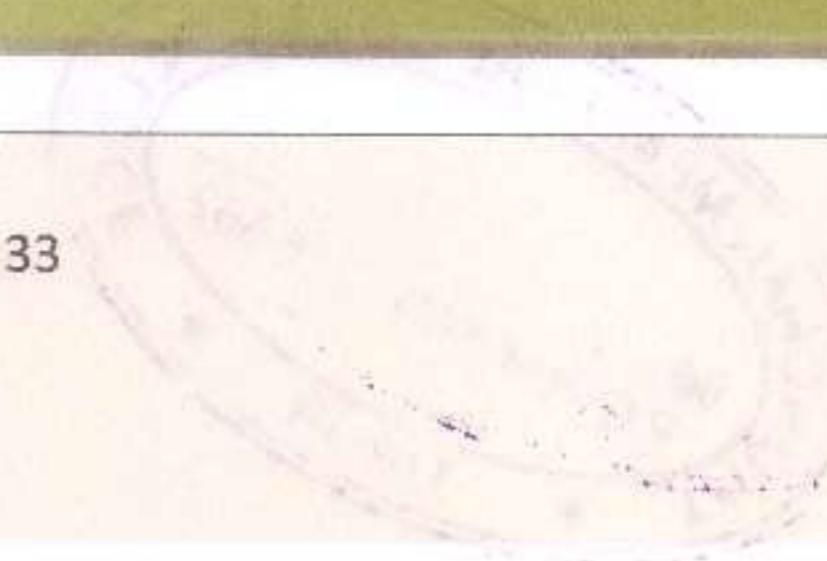
9 788192 639017

Study

Rs. 200/-

51

33



Ibn abdullah al qurashi: thar'ul qadriya al siyasiyya  
arabic  
study

Dr. Sunuddeen PT

2019 Aug

Copyright rests with Publisher

ISBN 978819263017

Published by

Alarmi publishers

see sarkaracharya university of Sanskrit te tirur

Cover: Chitra EK

Printed at Lipi offset Press Malappuram

rs. 200/-

The author is responsible for the contents and views expressed



34



المحتويات

الباب الأول

حسن عبد الله القرشى حياته وشعره

الباب الثاني

القرشى شاعر القضايا الوطنية

الباب الثالث

القرشى شاعر القضايا القومية

الباب الرابع

القرشى شاعر قضية فلسطين

الباب الخامس

القرشى شاعر القضايا السياسية العالمية



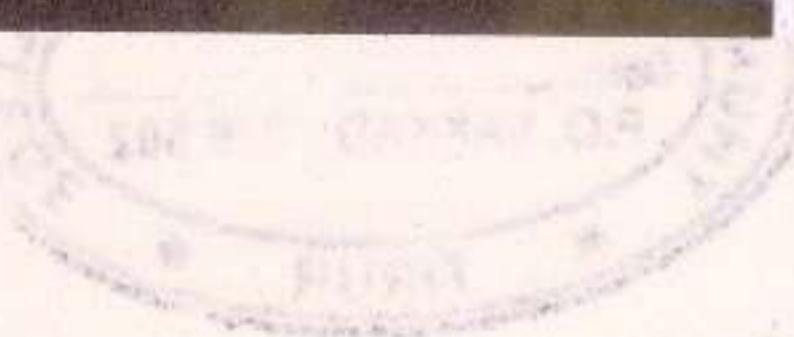
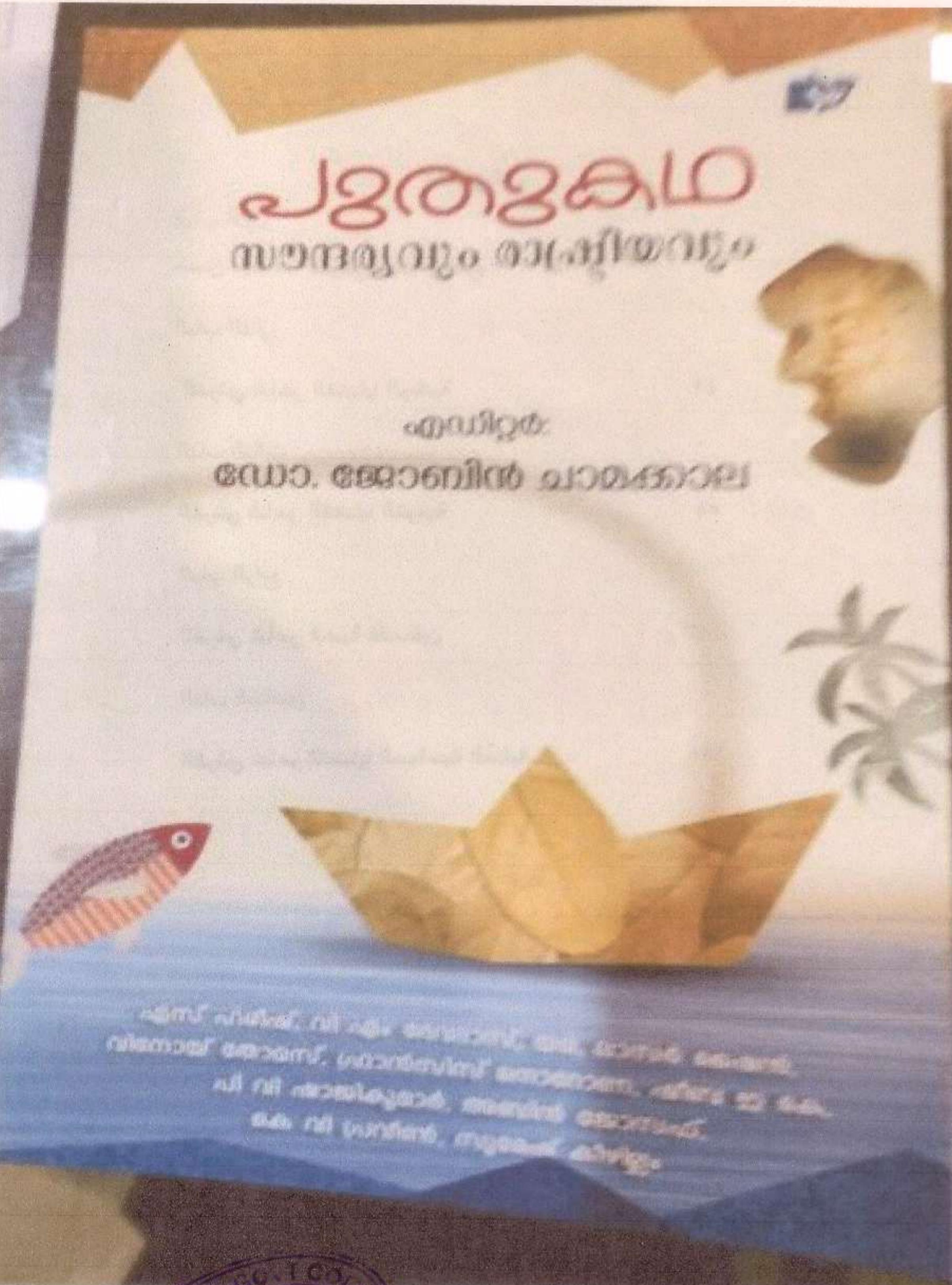
63

# പ്രത്യേകം

## സ്കോളർഷിപ്പ്

ഫോറെ

www.scholarships.com



Malayalam Language  
**Puthukadha: Saundharyavum Rashtreeyavum**  
(Literary Criticism)  
By Dr. Jobin Chamakkala  
First Published : April 2019

Cover Design : Sujith Chandran  
Lay Out : Savitha Santhosh

Although every precaution has been taken in the preparation of this book, the publisher and the author assume no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of information contained herein.

*Printed At :*  
Nirmala Offset Printers, Chalakkudy

© Rights reserved. No Part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law.

*Publishers :*  
**Yes Press Books, Perumbavoor – 683542**  
Phone : 91425 77778, 91420 88887, 90485 88887.  
Email : [yespresbooks@gmail.com](mailto:yespresbooks@gmail.com)

187-C1000/LC-3/2019





# പ്രതികള് സാഹിത്യരൂപം കമ്മ്പിൽ

അപോധിക്കം ചെയ്യാം. സ്വന്തമാക്കി എത്രക്കുണ്ട്



и вспомогательные ткани почвы, а также грунты и почвенные  
растительные остатки, находящиеся в почве в виде мелких  
частиц, взвешенных в почве. Третий тип почвенных  
веществ — это почвенные организмы, состоящие из бактерий,  
грибов, водорослей и других микроорганизмов, а также из  
животных, включая насекомых, моллюсков, ракообразных и  
других животных, находящихся в почве.



ବ୍ୟାପକ ଅନୁଷ୍ଠାନ  
ଫି ୯୧୪୩୮୭୭୭୮, ୨୧୪୩୮୯୦୭



1584-8123(200008)10:8;1-8



[www.yourprestigebook.com](http://www.yourprestigebook.com)

#### **REFERENCES**

I also like to...

A circular purple ink stamp. The outer ring contains the text "THULINCHAN MEMORIAL GOVT COLLEGE" at the top and "TIRUR" at the bottom, separated by small stars. The inner circle contains the text "Date: 10-12-2011" and "P.C. VAKKARU" above it, followed by a large serial number "3502" and another star.

◎ 1985.09

卷之四



Logo

മനക്കാലേന്മാരും വിനോദത്തിൽ  
പരിപാലിക്കാനോടെ



# പബ്ലിക് സേവാബന്ധ

സ്കൂള്  
സി.എ. ഫോറേസ്റ്റ്



40



# പ്രധാന ഭേദങ്ങൾ

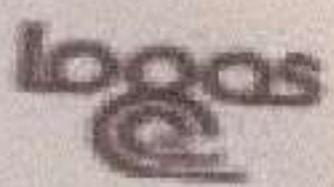
സംഘക്കാരി വാദപ്പാടുകളിൽ  
വർദ്ധിച്ചിരിക്കുന്ന അടിസ്ഥാനങ്ങൾ

എഴുപ്പ്:  
മേഖല, എൽ. അലക്സ്

logos  
ഡാക്ടറു

മോഹൻ ബാബു





Pachayude Desam  
(Easay Malayalam)

Edited by: Dr. L. Alex

Cover: Pressed Tamburatti

Type Setting: K. S. Suresh

Printed at: Manipal Technologies Limited, Manipal

Price: Rs 280/-

ISBN: 978-93-8655-00-1

First Edition: January 2020

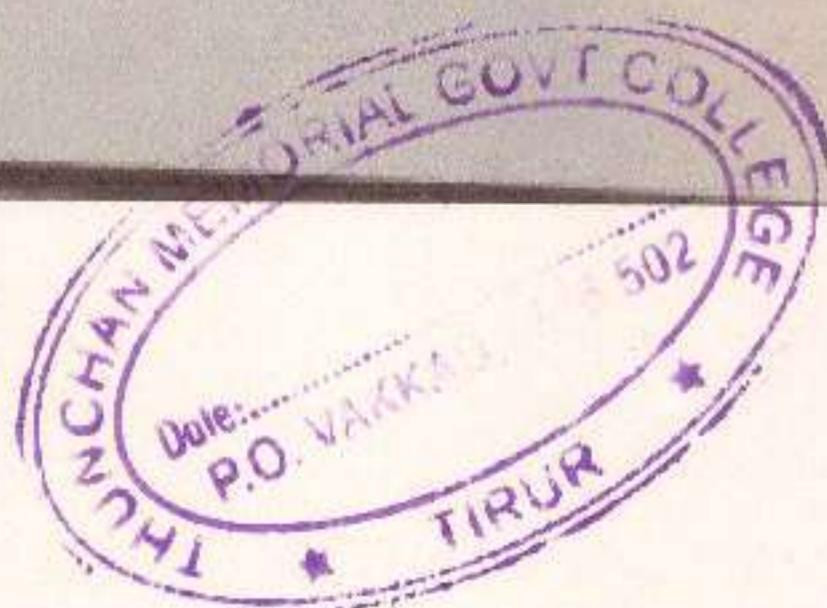
Published by: Logos Books Pvt. Ltd.

near Govt. High School, Mysuru P.O.

Published On: Kanata - 420099 Helpline: 8006128024

E-mail: [logosbooks@gmail.com](mailto:logosbooks@gmail.com), [www.logosbooks.in](http://www.logosbooks.in)

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the publisher.



ISBN: 978-9385657-19-1

August 2019

# Advances in Pure and Applied Mathematics

*Proceedings of the KSCSTE sponsored National Seminar  
St. Peter's College, Kolenchery, Kerala-682 311, India  
04-05 July, 2019*

Chief Editor : Dr. Raji George  
Editors : Dr. Salini S. Nair  
Smt. Anu V.

P.G. & Research Department of Mathematics  
St. Peter's College, Kolenchery, Kerala, India



## Advances in Pure and Applied Mathematics

*Proceedings of the  
KSCSTE Sponsored National Seminar on  
Pure and Applied Mathematics  
(04-05 July, 2019)*



Chief Editor: Dr. Raji George

Editors: Dr. Salini S. Nair  
Smt. Anu V.

P. G. & Research Department of Mathematics  
St. Peter's College, Kolenchery  
Ernakulam - 682 311, Kerala, India.

August 2019



KSCSTE Sponsored National Seminar on  
Pure and Applied Mathematics  
(04-05 July, 2019)

Organised by

P. G. & Research Department of Mathematics  
St. Peter's College, Kolenchery  
Ernakulam - 682 311, Kerala, India.

Proceedings of the National Seminar  
ISBN 978-93-85657-19-1

Chief Editor:

Dr. Raji George  
(Associate Professor, P. G. & Research Dept. of Mathematics,  
St. Peter's College, Kolenchery, Kerala, India.)

Editors:

Dr. Salini S. Nair  
(Assistant Professor, P. G. & Research Dept. of Mathematics,  
St. Peter's College, Kolenchery, Kerala, India.)

Smt. Amu V.

(Assistant Professor, P. G. & Research Dept. of Mathematics,  
St. Peter's College, Kolenchery, Kerala, India.)

Published by

The Principal  
St. Peter's College, Kolenchery  
Ernakulam - 682 311, Kerala, India  
Published with the help of Publication Division  
Sacred Heart College (Autonomous) Kochi, Thevara-682 013

August 2019



## CONTENTS

	Page No.
1. Geo/Geo/1 Inventory Systems with Closed Form Solution <i>Anukumar M.P &amp; K.P. Jose</i>	11
2. Types of Derivations on Pacey Graphs <i>John Jacob &amp; Thomas Abraham</i>	11
3. A Discrete Time Inventory Model with Different Life Times <i>Jijo Jose &amp; K.P. Jose</i>	18
4. Rough Sets in Groups <i>Latha S. Nair</i>	24
5. On Prime and Regular Nets in Finites <i>Elisabeth Hedstrom M.T</i>	31
6. On the Projective Flatness of Randers Conformally Changed Finsler Spaces with Ingarden-Tartakov ( $\alpha, \beta$ )-metric <i>Srujan Akila Boly</i>	41



46



# INVENTORY DETERMINATION THROUGH A GEOMETRIC FORM

## Geo/Geo/1 Inventory System with Closed Form Solution

Anilkumar M.P. and K. P. Jose

<sup>1</sup>Research Scholar, P.G & Research Deptt. of Mathematics,  
St. Peter's College, Kolenchery, Kerala.

<sup>2</sup>Deg. of Mathematics, T.M. Govt. College, Tirur  
<sup>3</sup>P.G. & Research Deptt. of Mathematics  
St. Peter's College, Kolenchery, Kerala  
Email: anilkumarmp77@gmail.com  
Email: kppjose@gmail.com

### Abstract

This paper considers an inventory system in which demand occurs according to a Bernoulli process and service time follows geometric distribution. Maximum level of inventory is 5. In order to obtain the closed form solution in the steady state, we assume zero lead time. We obtained explicit expression for steady state probability vector. We analyzed the inventory cycle and obtained some important performance measures. Financial cost analysis is also included.

**Keywords:** Bernoulli Process, Discrete Time Inventory, Geometric Distribution, Matrix Analysis Method

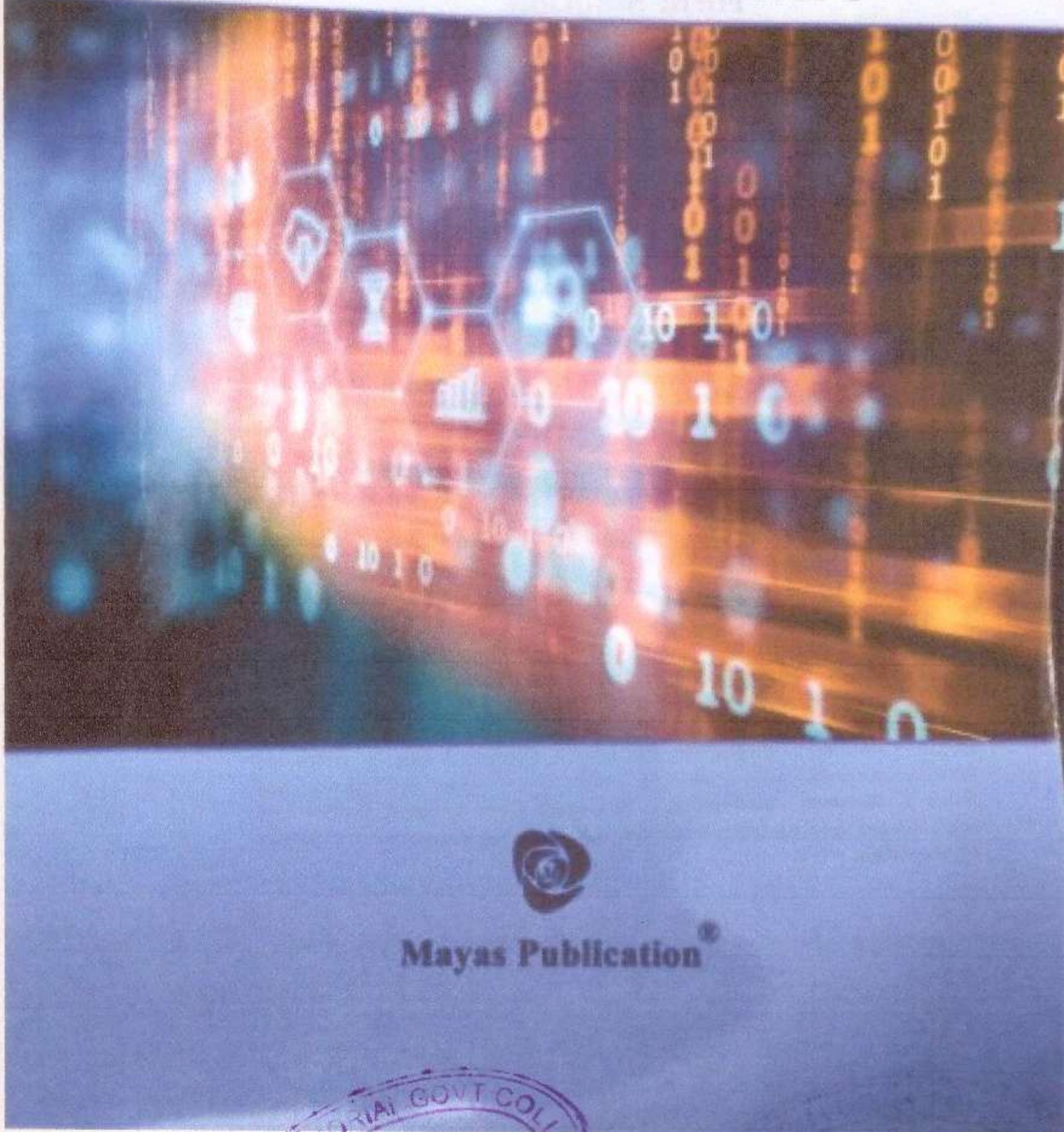
### 1 Introduction

Almost all queuing models in literature before 1980 were discussed on the basis of continuous time Markov chain. The only models such as M/G/1 and GI/M/1 were studied on the basis of embedded Markov chain as discrete time models. Such kind of models were discussed in Kendall [7] and [8]. The other discrete time models later studied by Galtier and Wheeler [6]. Deffuant and Nette [4] discussed a basic example of a single server queue in discrete time and analyzed the time dependent behavior of the queue in terms of a bivariate Markov chain.



# **EMERGING TRENDS IN COMMERCE & MANAGEMENT**

**Dr. UMESH U**



## About the Editor...



Dr.Umesh.U is currently working as Assistant Professor (Grade II), in Department of Commerce and Management Studies, "Amal College of Advanced Studies" (aided by Government of Kerala state & affiliated to University of Calicut), College under section 2 (f) & 12 (B) of the UGC Act 1956, Accredited with NAAC 'A' Grade, An ISO 9001:2015 Certified Institution, Myladi, Nilambur, Kerala. Dr.Umesh.U attained his

M.Phil in Commerce from Department of Commerce and Management Studies, University of Calicut. He took PhD also from Department of Commerce and Management Studies, University of Calicut and did PGDBA from Pondicherry Central University, and MBA from IKGPTU, Jalandhar. He is author of number of research articles in national and international journals of repute and presented papers in various national and international conferences like in Dubai, Hong Kong, Bangkok, Hanoi, Salalah, Maldives, Thimphu etc. Dr.Umesh U is also a Research Guide and Chief Editor of an ISSN research journal as well as Associate Editor for three different ISSN research journals. He has been a prominent resource person at several training programmes, seminars and workshops. He has attended several training programmes like Orientation Programme held at UGC Academic Staff College, Pandit Ravishankar Shukla University, Raipur, (Chhattisgarh), Refresher Course in Commerce & Management held at UGC Academic Staff College, Maulana Azad National Urdu University (Central University), Hyderabad, (Telangana), Refresher Course in Commerce & Business Management held at UGC Academic Staff College, Jamia Millia Islamia (Central University), New Delhi, UGC sponsored Refresher Course in Economics, Commerce, and Management held at UGC Academic Staff College (HRDC), Guru Jambheshwar University of Science and Technology, Hisar, Haryana, Interdisciplinary refresher course in Advancement in Social Sciences from UGC-HRDC, Sardar Patel University, V.V.Nagar, Gujarat; respectively. He was also a Programme Officer in the National Service Scheme (NSS) for four years. His areas of interest include organizational behavior, human resource management, behavioral finance, neuromarketing.



Mayas Publication  
Trivandrum | Kerala | Karnataka | New Delhi  
[www.mayaspublishing.com](http://www.mayaspublishing.com)  
[www.mayajm.com](http://www.mayajm.com)



978938507393

9 78938 507393



**Published In First**



**Published by**  
**Mayas Publication®**

Tamil Nadu | Kerala | Karnataka | New Delhi  
Maya1984Kannan@gmail.com  
www.mayaspublishation.com  
www.eijfmr.com

**Disclaimer:**

The findings/views/opinions expressed in this book are solely those of the authors and do not necessarily reflect the views of the publisher

**© Copyright: Mayas Publication**

**ALL RIGHTS RESERVED**

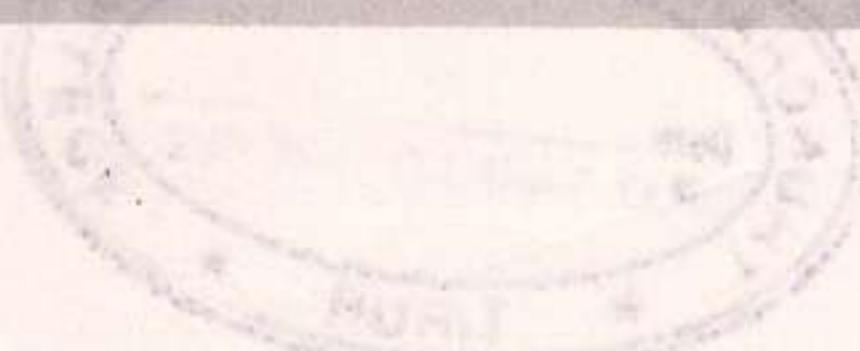
No part of this publication can be reproduced in any form by any means without the prior written permission from the publisher. All the contents, data, information, views opinions, charts tables, figures, graphs etc. that are published in this book are the sole responsibility of the authors. Neither the publishers nor the editor in anyway are responsible for the same.

**Book Name: EMERGING TRENDS IN COMMERCE & MANAGEMENT**

**Editor: Dr. UMESH U**

**ISBN: "978- 93- 89507- 39-3"**

**Edition: December 2019**



## CONTENTS

S. No.	Title	P.No.
1.	Amalgamation in Banking Sector and its impact on Share Prices - A Case Study of Bank of Baroda <b>Mohammed Anees Y.C.</b>	1-8
2.	Status Quo Bias among Public and the Association with Socio Economic Variables <b>Ashitha A.N. &amp; Dr.Vineeth. K. M.</b>	9-13
3.	Performance of Pmmy in India – A Comparative Study Based on its NPA <b>Aswathinath T</b>	14-21
4.	Customer Relationship Competence of Stock Brokers in Kerala – An Empirical Study <b>Dr. Abbas Vattoli</b>	22-29
5.	Emotional Finance: Financial Anxiety among College Teachers In With Special Reference to Life Insurance <b>Devina Mohan &amp; Dr. Vineeth. K. M.</b>	30-35
6.	Business Metamorphosis: A Paradigm Shift towards Sustainable Development <b>Dr. Dhanya K A</b>	36-43
7.	A Study on Employees Resilience and Employee Performance among it Sector Employees with special reference to Mysore City <b>Dr. Rethy B.Menon &amp; Dr. Preethy B Menon</b>	44-53
8.	Electronic Payment Systems: An Overview <b>Mohammed Jaish N P &amp; Fasala Rahman.K</b>	54-62
9.	Emotional Finance: Financial Anxiety among College Teachers in Kerala with special reference to Health Insurance <b>Dr. Felice Joy &amp; Dr. Vineeth. K. M.</b>	63-69
10.	The Impact of Social Media Network in the Tourism Industry <b>Mr. Hafees V.K &amp; Dr. Zobetha</b>	70-85
11.	Contemporary Trends and Satisfaction of Youngsters on Housing Finance: A Comparative Inquiry on the Nationalized and New Generation Banks in Nilambur Grama Panchayat (Kerala) <b>Jayapriya C.K &amp; Dr. R Sathyadevi</b>	86-101
12.	Janmanrega - An Interface to Connect Citizens (MGNREGS) <b>Mahija .K &amp; Dr. Mahalakshmi .N</b>	102-108
13.	Effectiveness of Animated Advertisement in Building Brand Loyalty on Fast Moving Consumer Goods and Consumer Durable <b>Dr. Madhusoodanan Kartha N.V &amp; Dr. Jojomon N.A</b>	109-120
14.	Role of FDI in A Liberalized Economy: An Experience From India <b>Abdul Majeed. K &amp; Sabidha Mohammed</b>	121-130



**A STUDY ON EMPLOYEES RESILIENCE AND EMPLOYEE  
PERFORMANCE AMONG IT SECTOR EMPLOYEES WITH  
SPECIAL REFERENCE TO MYSORE CITY**

**Dr. Rethy B. Menon,**  
Assistant Professor

Department of Management and Commerce  
Amrita School of Arts and Sciences, Mysore  
Amrita VishwaVidyaapeetham, India  
Email id: rethyncera@gmail.com

**Dr. Preethy B Menon**  
Assistant Professor

P.G Dept. of Commerce  
Thunchan Memorial Govt College  
Vakkad, Tirur, Malappuram

**ABSTRACT**

In accordance with the developing countries, employee resilience plays a vital role in deciding the satisfaction level of employees working in an organization. Managing one's stress and facing the actual situation in a positively way entirely depends upon the resilience level of an employee. The aim of the study is to find out the level of employee resilience and employee performance among employees of IT sector and to find out the relationship between employee resilience and employee performance. It is a survey study which used simple random sampling techniques for collecting the data from the sample. The sample for the study includes 100 employees from IT sector with special reference to Mysore. Tools used for data collection includes Employee Resilience Scale and Employee Performance Scale. The statistical techniques used are mean, standard deviation, and correlation. Findings showed that there exists a high level of resilience and employee performance among the employees of IT sector. It revealed that there exists a positive correlation between the employee resilience and employee performance.

**Keywords:** employee resilience and employee performance, stress, IT sector

**1. INTRODUCTION**

The concept of employee resilience has recently received increased attention. Any organisation can flourish and succeed only if they can satisfy its employee who is the major contributors of the sustainability of any organisation. Employee resilience is a ability of employees working in an organization to positively adjust, accommodate and adopt in challenging

xx

