
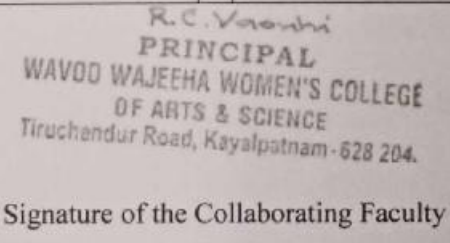
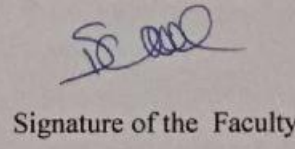




Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	S. Khaleel Ahamed, Assistant Professor of English, ATEN05
2	Name of the Collaborating Faculty with Designation	:	Dr. R.C. Vasuki Principal
3	Name of the Collaborating Organization	:	Wavoo Wajeetha Women's College of Arts and Science Kayalpatnam, Thoothukudi District
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Academic
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	Guest Lecture
6	Period of Collaboration	:	<u>16.04.2019</u>
7	Financial Involvement (if any)	:	Nil
8	Proof Attached	:	Yes / No : Yes
 Signature of Principal		<p align="center">R.C. Vasuki PRINCIPAL WAVOO WAJEEHA WOMEN'S COLLEGE OF ARTS & SCIENCE Tiruchendur Road, Kayalpatnam - 628 204.</p>  Signature of the Collaborating Faculty	
		 Signature of the Faculty	



WAVOO WAJEEHA WOMEN'S COLLEGE OF ARTS AND SCIENCE

(Run by: Wavoo SAR Educational Trust)

(Affiliated to Manonmaniam Sundaranar University)

Tiruchendur Road, Kayalpatnam-628 204, Thoothukudi Dist.

Phone: 04639-285900, Office: 04639-280900, Mobile: 99442 77939

E-mail: wavoo_college@yahoo.co.in

Mrs. R.C. VASUKI. M.A., Ph.D., DGT.
Principal

CERTIFICATE

This is to certify that **Mr.S.Khaleel Ahamed**, Assistant Coordinator – IQAC of , Sadakathullah Appa College, (Autonomous) Tirunelveli served as a mentor and guided us for the criteria IV and V on 16-04-2019 for NAAC Accreditation process in our institution.

Date: 16.04.2019.

Place: Kayalpatnam

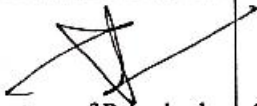
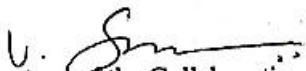
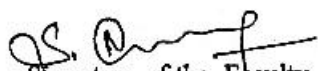
R.C. Vasuki
PRINCIPAL

WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS & SCIENCE
Tiruchendur Road, Kayalpatnam-628 204.





Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. S. Nazareth Begum
			Assistant Professor
			Department of Physics - STPhob
2	Name of the Collaborating Faculty with Designation	:	Dr. V. Sankar
			Associate Professor of Physics (Rtd)
3	Name of the Collaborating Organization	:	Sri KGS Arts & Science College SrivaiKundam
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	Publications
6	Period of Collaboration	:	From: 2017 To: 2018
7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes/No
 Signature of Principal		 Signature of the Collaborating Faculty	
		 Signature of the Faculty	

Nucleation Kinetics, Growth, PXRD, FTIR and Dielectric studies of Triglycine sulphate crystal admixed with Dihydrofumaric acid

Nazarath Begum^{1*}, M.Sivabharathy², U. Sankar³

^{1*} Sadakathullah appa college , Department of Physics, Tirunelveli-627011, India

² Sethu Institute of Technology , Department of Physics, Pulloor-626115, India

³ Sri KGS arts college , Department of Physics, Srivaikundam- 628619, India

nazarathphysics@gmail.com

Abstract:

Single crystals of Triglycine sulphate admixed with Dihydrofumaric acid (Triglycine sulpho succinate (TGSSu)) were grown by the low temperature solution growth technique. The nucleation parameters such as solubility, induction period, interfacial energy , metastable zone width, radius of critical nucleus, critical free energy barrier, number of molecules in the critical nucleus and energy per unit volume have been evaluated. Metastable and induction period values were determined experimentally in order to optimize the growth parameters. Transparent good quality single crystals are characterized by single crystal XRD, powder XRD FTIR and dielectric analysis. The results have been discussed in detail.

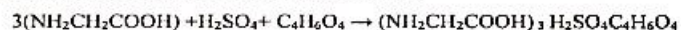
Key Words: Nucleation; Solution Growth; PXRD; Dielectric studies; FTIR;

I. INTRODUCTION

Triglycine sulphate (TGS) is a ferroelectric crystals with chemical formula $(\text{NH}_2\text{CH}_2\text{COOH})_3 \cdot (\text{H}_2\text{SO}_4)$ has found many applications in ferroelectric detection on a large spectral bandwidth. The ferroelectric crystals find important applications in optoelectronics such as capacitors, non-volatile memory devices [1], actuators, high-performance gate insulators, etc. All ferroelectric materials are pyroelectric, however, not all pyroelectric materials are ferroelectric. Below Curie temperature, ferroelectric and pyroelectric materials are polar and possess a spontaneous Polarization or electric dipole moment [2-5]. However, this polarity can be reoriented or reversed fully or partially through the application of an electric field with ferroelectric materials. The important phase for device fabrication is the (010) face which is perpendicular to the ferroelectric axis of the TGS crystal therefore, it is essential to know crystal orientation and habit. Hydrogen bonded ferroelectric crystals form a subclass of ferroelectrics in which hydrogen bonds plays an important role in determining the properties. Non linear optical (NLO) organic materials play a vital role for optical second harmonic generation (SIIG) due to their applications in the domain of optoelectronics and photonics. Amino acids are strong candidates for optical second harmonic generation (SHG) because they contain chiral carbon atom and crystallizes in non-centro symmetric space groups. Among twenty amino acids glycine is in centro symmetric space group, and hence to find the NLO property, pure glycine with sulphuric acid, and Dihydrofumaric acid (Succinic acid- $\text{C}_4\text{H}_6\text{O}_4$) combinations has been taken. This paper defines the crystal structure of Triglycine Sulpho Succinate (TGSSu) and the grown crystal has been investigated by the PXRD, FTIR and Dielectric Characterization.

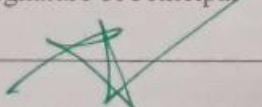
II. MATERIALS AND METHODS

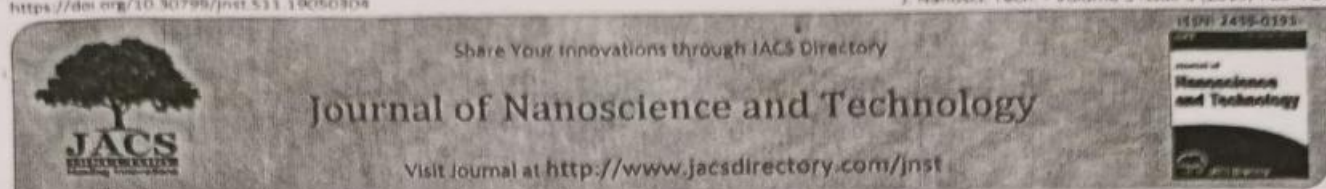
Tri Glycine Sulpho Succinate was synthesized by reacting pure Glycine, Sulphuric acid and Dihydrofumaric acid (Succinic acid- $\text{C}_4\text{H}_6\text{O}_4$) taken in the molar ratio of 3:09:01 in triple distilled water. All the basic chemicals used for the synthesis experiment were analytical reagents. The chemical reaction is





Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. D. Sathya, Assistant Professor in Physics, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli-11 STPH10
2	Name of the Collaborating Faculty with Designation	:	Dr. R. Murugesan, Associate Professor in Chemistry, TDMNS College, T. Kallikulam, Valliyur, Tamil Nadu
3	Name of the Collaborating Organization	:	Department of Chemistry, TDMNS College, T. Kallikulam, Valliyur, Tamil Nadu
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	Publications
6	Period of Collaboration	:	From : 2018 To: 2019
7	Financial Involvement (if any)	:	_____
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	Signature of the Faculty
		R. Murugesan	D. Sathya



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Photocatalytic and Antimicrobial Activities of Polyaniline Nanocomposites with Molybdates

S.J. Balamurugan¹, D. Sathya², S. Kalyanaraman³, A. Pushparaj⁴, R. Murugesan^{5,*}¹Research Scholar (Reg. No.: 8234), PG and Research Department of Physics, Sri Paramakalyani College affiliated to Manonmaniam Sundaranar University, Abishekapatti - 627 012, Tirunelveli, India.²Department of Physics, Sadakathullah Appa College, Palayamkottai, Tirunelveli- 627 002, Tamilnadu, India.³Department of Physics & Principal (Rtd), Sri Paramakalyani College, Alwarkurichi - 627 412, Tamilnadu, India.⁴Department of Zoology, TDMNS College, T. Kallikulam, Tirunelveli - 627 113, Tamilnadu, India.⁵Department of Chemistry, TDMNS College, T. Kallikulam, Tirunelveli - 627 113, Tamilnadu, India.

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ABSTRACT

The present study describes the process for the formation of PANI nanocomposite incorporated with metal (Cd, Bi, Ba) molybdates of binary metal oxide. The PANI and its nanocomposites were prepared by 0.1 M aniline in 100 mL of 1 M sulphuric acid in the presence or absence of 50 mg of metal molybdate by chemical polymerization using 0.1 M APS as oxidant in 100 mL of 1 M sulphuric acid. The polymerisation yields are increased due to incorporation of metal molybdates. The growth of polymerization is also enhanced. The interaction of metal molybdates into PANI matrix leads to increase in very high conductivity, heavy interaction between the two-polymer chain lead to increase in stability of the polymer. In the incorporation of metal molybdate into the polymer matrix leads to increase in conductivity of about 5, 4 and 2 times with respect to the original sample (PANI) as in PANI-CdMoO₄, PANI-BiMoO₄ and PANI-BaMoO₄ respectively. The incorporation of metal molybdates is confirmed by XRD and UV-VIS spectral studies. The XRD studies are also suggested the presence of chemical interaction between polymer chain and incorporated metal molybdates. The antimicrobial activity of the synthesized material PANI and PANI-nanocomposites were tested against four bacteria, *Escherichia coli*, *Staphylococcus aureus*, *P. aeruginosa* and *Proteus vulgaris* using disc diffusion method. The nanocomposite doped polymer possesses excellent antibacterial property. The results on MB dye degradation showed that PANI-SO₄²⁻/CdMoO₄ photocatalyst, under visible light degraded 80.2 % of MB dye after 180 min. The photo-degradation study, thus, suggests that the light absorption of PANI and catalytic role of CdMoO₄ could be coupled for high photo-catalytic functionality. This work opens a new avenue for the design of new modified photo-catalysts with high activity for the large-scale water treatment and other applications.

1. Introduction

Today the prospects in optical devices are closely related to highly efficient luminescent semiconductor nanomaterials, which possess unique electronic properties. Further progress in evolution of luminescent materials are associated with enhancement of their stability, simplification of synthetic methods, as well as development of novel procedures for preparation of nanostructures with predefined optical properties. In the same time the possibility to accurately control any functional properties of nanomaterials is affected by three governing factors: the size, shape and dispersity of nanomaterials, which possess the number of structural defects and the uniformity of chemical composition. Among the mixed metal oxides, some metal molybdates are found to be very interesting due to their structural, electronic and catalytic properties. Calcium molybdate with a scheelite structure has been of practical interest because of their attractive luminescence property [1]. Cobalt and nickel molybdates are important components of industrial catalysts for the partial oxidation of hydrocarbons [2]. The crucial microstructure-based properties of these metal molybdates are likely to be influenced by the dimensional manipulation of their grain-sizes and the grain boundary effects in a polycrystalline material. This study is aimed as a simple method of preparation of nanomaterials, metal molybdate systems and its incorporation of polymer matrix. The important advantage of implementation of matrix techniques is the possibility to accurately control dispersion of nanomaterials.

The incorporation of metal molybdate nanomaterials into the conducting polymer offers enhanced performance for both the host and the guest [3].

The applications of these nanocomposites have also been extended to various fields such as, sensors [4, 5], photovoltaic cells [6], memory devices [7], and supercapacitors [8]. The preparation of nanomaterial implanted conducting polymer composites have been described by various methods, including template method for growing metal nanoparticles and polymers into nanostructures and incorporation of preformed nanoparticles during polymerization of monomers. The main challenge is identifying the right combination of organic and inorganic molecular building blocks that enhances the properties of each component while reducing their limitations. This challenge provides a unique opportunity for synthetic material scientist for developing new materials with synergetic behaviour leading to improved performance or completely new properties.

Organic-inorganic polymer nanocomposites have potential applications depending upon their synthetic techniques and the nature of the inorganic materials. However, among various conducting polymers, polyaniline and its nanocomposites have scarcely been investigated. Cadmium molybdate, Bismuth molybdate and Barium molybdate nanomaterials have special physico-chemical properties arising from the size effect and high specific surface area, which may be different from their atomic or bulk counterparts.


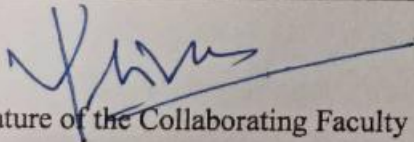
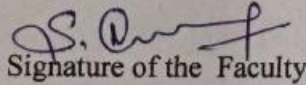
*Corresponding Author: rmu2006@yahoo.co.in (R. Murugesan)

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Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. S. Nazarath Begum Assistant Professor Department of Physics - STPH06
2	Name of the Collaborating Faculty with Designation	:	Dr. M. Siva Bharathy Research Associate Dean Department of Physics
3	Name of the Collaborating Organization	:	Sethu Institute of Technology, Pulloor - 626115
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	publications
6	Period of Collaboration	:	From: 2018 To: 2021
7	Financial Involvement (if any)	:	—
8	Proof Attached	:	Yes / No
 Signature of Principal		 Signature of the Collaborating Faculty	
		 Signature of the Faculty	

Nucleation Kinetics, Growth, PXRD, FTIR and Dielectric studies of Triglycine sulphate crystal admixed with Dihydrofumaric acid

Nazarath Begum^{1*}, M.Sivabharathy², U. Sankar³

^{1*} Sadakathullah appa college, Department of Physics, Tirunelveli-627011, India

² Sethu Institute of Technology, Department of Physics, Pulloor-626115, India

³ Sri KGS arts college, Department of Physics, Srivaikundam- 628619, India

nazarathphysics@gmail.com

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Single crystals of Triglycine sulphate admixed with Dihydrofumaric acid (Triglycine sulpho succinate (TGSSu)) were grown by the low temperature solution growth technique. The nucleation parameters such as solubility, induction period, interfacial energy, metastable zone width, radius of critical nucleus, critical free energy barrier, number of molecules in the critical nucleus and energy per unit volume have been evaluated. Metastable and induction period values were determined experimentally in order to optimize the growth parameters. Transparent good quality single crystals are characterized by single crystal XRD, powder XRD FTIR and dielectric analysis. The results have been discussed in detail.

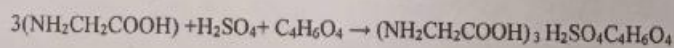
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I. INTRODUCTION

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II. MATERIALS AND METHODS

Tri Glycine Sulpho Succinate was synthesized by reacting pure Glycine, Sulphuric acid and Dihydrofumaric acid (Succinic acid- $\text{C}_4\text{H}_6\text{O}_4$) taken in the molar ratio of 3:09:01 in triple distilled water. All the basic chemicals used for the synthesis experiment were analytical reagents. The chemical reaction is





Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	: Dr.S.Angelin Kavitha Raj
		Assistant Professor, Department of Mathematics, Sadakathullah Appa College, Tirunelveli
		STMA07
2	Name of the Collaborating Faculty with Designation	: S.Robinson Chelladurai
		Associate Professor, Department of Mathematics, Scott Christian College, Nagercoil
3	Name of the Collaborating Organization	: Scott Christian College, Nagercoil
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	: Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	: Publications
6	Period of Collaboration	: 1.1.2018 – 31. 1. 2018
7	Financial Involvement (if any)	: -
8	Proof Attached	: Yes <input checked="" type="checkbox"/>
Signature of Principal		Signature of the Collaborating Faculty
		Dr. S. Robinson Chelladurai, Ph.D., ASSOCIATE PROFESSOR DEPARTMENT OF MATHEMATICS SCOTT CHRISTIAN COLLEGE (Autonomous) NAGERCOIL - 629 003 KANYAKUMARI DISTRICT.
		Signature of the Faculty

STRONG DOMINATION POLYNOMIAL OF STARS

S. AngelinKavitha Raj, Research Scholar / Department of Mathematics / Manonmaniam Sundaranar University, Abishekapatti, Tirumelveli, Tamil Nadu, India & Assistant Professor / Mathematics, Sadakathullah Appa College, Rahmath Nagar, Tirumelveli, Tamil Nadu, India

S. Robinson Chelladurai
 Associate Professor / Mathematics, Scott Christian College, Nagercoil.

Abstract: Let $G = (V, E)$ be a simple graph. A set $S \subseteq V$ is called a dominating set if every vertex $v \in V$ is either a member of S or adjacent to a member of S . A set $S \subseteq V$ is a strong dominating set of G if for every $u \in V - S$, there exists a $v \in S$ such that $uv \in E$ and $\deg(u) \leq \deg(v)$. Let S_m be a star graph with order m . Let $Sd(S_m^j)$ be the family of strong dominating sets of a star graph S_m with the number of elements in the set j , and let $Sd(S_m, j) = |Sd(S_m^j)|$. In this paper, we establish S_m and obtain an iterative formula for $Sd(S_m, j)$. Using this iterative formula, we consider the polynomial $SD(S_m, x) = \sum_{j=1}^m Sd(S_m, j) x^j$, we call strong domination polynomial of star graphs and obtain some examples of this polynomial.

1. Introduction

Let $G = (V, E)$ be a simple graph of order $|V| = m$. A set $S \subseteq V$ is called a dominating set if every vertex $v \in V$ is either a member of S or adjacent to a member of S . A set $S \subseteq V$ is a strong dominating set of G if for every $u \in V - S$ there $v \in S$ such that $uv \in E$ and $\deg(u) \leq \deg(v)$. The minimum cardinality of strong dominating set is called minimum strong domination number and is denoted by $\gamma_{sd}(G)$. Salub Sh. Kahat, Abdul Jalil M. Khalaf and Roslanfahmi found the dominating sets and domination polynomial of wheels [1]. Abdul Jalil M. Khalaf and Salub ShaggalKahat found the domination sets and domination polynomial of complete graph with missing edges [2]. Alkhani and Peng found the dominating sets and domination polynomial of cycles and certain graphs [3]. [4]. Gehet, Khalaf and Hasni found the dominating set and domination polynomial of stars [5]. Let H_m be a graph with order m and let H_m^j be the family of dominating sets of a graph H_m with the number of elements in the set j and let $d(H_m, j) = |H_m^j|$. We call the polynomial $D(H_m, x) = \sum_{j=1}^m d(H_m, j) x^j$, the domination polynomial of graph H_m [4]. Let S_m^j be the family of strong dominating sets of a star S_m with the number of elements in the set j and let $Sd(S_m, j) = |S_m^j|$. We call the polynomial $SD(S_m, x) = \sum_{j=1}^m Sd(S_m, j) x^j$, the strong domination polynomial of star. In the next section we establish the families of strong dominating sets of S_{m-1} with the number of elements j and $j - 1$. We explore the strong domination polynomial of star graph in next section. As usual we use $\binom{n}{i}$ or nC_i for the combination n to i and we denote the set $\{1, 2, \dots, m\}$ simply by $[m]$, and we denote $\deg(u)$ to degree of the vertex u and

$$\Delta(G) = \max \{ \deg(u) / \forall u \in V(G) \} \text{ and } \delta(G) = \min \{ \deg(u) / \forall u \in V(G) \}$$

2. Strong dominating sets of Star (S_m)

Let $S_m, m \geq 3$ be the star with m vertices $V(S_m) = [m]$ and $E(S_m) = \{(v, u) : \forall u, v \in V(S_m)\}$. Let S_m^j be the family of strong dominating sets of S_m with the number of elements in the set j . We shall explore the strong dominating sets of stars. To prove our main results we need the following Lemmas.

Lemma 1

The following properties hold for all graph H .

- (i) $|H_m^m| = 1$
- (ii) $|H_m^{m-1}| = m$
- (iii) $|H_m^j| = 0$ if $j > m$
- (iv) $|H_m^0| = 0$

Proof:

Let $H = (V, E)$ be a simple graph of order m , then

- (i) $H_m^m = \{H\}$. Therefore, $|H_m^m| = 1$
- (ii) $H_m^{m-1} = \{H - u | \forall u \in H\}$. Therefore, $|H_m^{m-1}| = m$
- (iii) There does not exist $K \subseteq H$ such that $|V(K)| > |V(H)|$. Therefore, $|H_m^j| = 0$ if $j > m$



SadakathullahAppa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627011

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			Assistant Professor, Department of Mathematics, SadakathullahAppa College, Tirunelveli
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7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes <input checked="" type="checkbox"/>
Signature of Principal		Signature of the Collaborating Faculty	
		Dr. S. ROBINSON CHELLADURAI, Ph.D., ASSOCIATE PROFESSOR DEPARTMENT OF MATHEMATICS SCOTT CHRISTIAN COLLEGE (Autonomous) NAGERCOIL - 629 003 KANYAKUMARI DISTRICT.	

Weak dominating sets and Weak Domination Polynomial of Complete Graphs

S. Angelin Kavitha Raj* and S. Robinson Chelladurai

Part time Research Scholar / Department of Mathematics,
Manonmaniam Sundaranar University,
Abishekapatti, Tirunelveli-627012, Tamilnadu, INDIA.
& Assistant Professor / Mathematics, Sadakathullah Appa College, Rahmath Nagar,
Tirunelveli-627006, Tamilnadu, INDIA.
Associate Professor / Department of Mathematics,
Scott Christian College, Nagercoil-629001, Tamilnadu, INDIA.
email: *angelinkavitha.sia@gmail.com

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ABSTRACT

Let $G = (V, E)$ be a simple graph. A set $S \subseteq V$ is called a dominating set if every vertex $v \in V$ is either a member of S or adjacent to a member of S . A set $S \subseteq V$ is a weak dominating set of G if for every $u \in V - S$, there exists a $v \in S$ such that $uv \in E$ and $\deg(u) \geq \deg(v)$. Let K_m be complete graph with order m . Let $Sd(K_m)$ be the family of weak dominating sets of a complete graph K_m with the number of elements in the set j , and let $Wd(K_m, j) = |Sd(K_m, j)|$. In this paper, we establish K_m and obtain a iterative formula for $Wd(K_m, j)$. Using this iterative formula, we consider the polynomial $WD(K_m, x) = \sum_{j=1}^m Wd(K_m, j) x^j$, which we call strong domination polynomial of complete graphs and obtain some examples of this polynomial.

Keywords: Weak Dominating set, Weak Domination Polynomial, Recursive formula.

1. INTRODUCTION

Let $G = (V, E)$ be a simple graph of order $|V| = m$. A set $S \subseteq V$ is called a dominating set if every vertex $v \in V$ is either a member of S or adjacent to a member of S . A set $S \subseteq V$ is

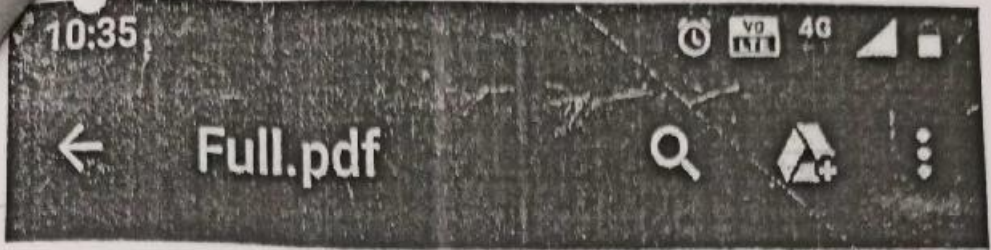


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2	Name of the Collaborating Faculty with Designation	:	Dr. M. Johnson, Assistant Professor, Department of Botany,
3	Name of the Collaborating Organization	:	St.Xaviers College, (Autonomous), Palayamkottai..
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ANTICANCER ACTIVITY OF *POUZOLZIA WIGHTII* BENN. STEM ETHANOLIC EXTRACTS AGAINST HELA CELL LINE

M. Johnson, M. Syed Ali Fathima* and A. Mohamed Ansar**

Centre for Plant Biotechnology, Department of Botany, St. Xavier's College
(Autonomous), Palayamkottai - 627 002.

*Department of Botany, Sadakathullah Appa College (Autonomous), Tirunelveli -
627 011.

**Department of Pharmaceutics, S.A. Raja Pharmacy College, Vadakkangulam.

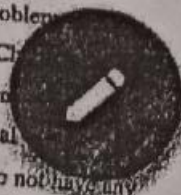
ABSTRACT

Medicinal plants are component and bundle of human society to struggle diseases, from dawn of civilization. Plants are the largest source of herbal medicines in the world. About 60-80 % of human beings still depend on plant based medicines as traditional human health care system. *Pouzolzia wightii* belongs to family: Utricaceae, a native of Southern Western Ghats. In India it is distributed in Tamilnadu and Kerala. Different parts of this plant have the various uses like anti inflammatory, wound healing, ulcers, boils. The present study reports that ethanolic extracts of *Pouzolzia wightii* stem have been tested for anticancer activity. *In-vitro* anticancer studies were performed against human cancer cell line (HeLa) and MTT assay was used to analyze the cell growth inhibition. The results showed that the ethanolic extracts of stem of *Pouzolzia wightii* possessed a moderate amount of anticancer activity with an IC_{50} value 187.1 μ g/ml.

Keywords: HeLa, MTT assay, IC_{50}

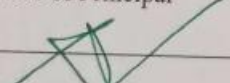
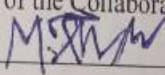
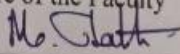
INTRODUCTION

Now a day's utility of medicinal plants has been increasing day by day in the present world. Compounds which are naturally derived from the herbs are safer and easily biodegradable than the synthetic compounds. So that the problem of resistance observed in synthetic drugs is also reduced (Chandrasekhar, Balasubramaniam, 2011). Higher plants, a source of many plant derived compounds, have an important role in health cure of human beings. Therefore medicinal plants have received a significant interest in anti-cancer therapy. Medicinal herbs do not have any





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Rahmath Nagar, Tirunelveli - 627011

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ANTICANCER ACTIVITY OF *POUZOLZIA WIGHTII* BENN. LEAVES ETHANOLIC EXTRACT

2018

M. Johnson

Centre for Plant Biotechnology, Department of Botany
St. Xavier's College (Autonomous), Palayamkottai

M. Syed Ali Fathima

Department of Botany
Sadakathullah Appa College (Autonomous), Tirunelveli

A. Mohamed Ansar

Department of Pharmaceutics
S.A. Raja College of Pharmacy, Vadakangulam

Abstract

Medicinal plants are component and bundle of human society to struggle diseases, from dawn of civilization. Plants are the largest source of herbal medicines in the world. About 60-80% of human beings still depend on plant based medicines as traditional human health care system. *Pouzolzia wightii* belongs to family : *Utricaceae*, a native of Southern Western Ghats. In India it is distributed in Tamilnadu and Kerala. Different parts of this plant have the various uses like anti inflammatory, wound healing, ulcers, boils. The present study reports that ethanolic extracts of *Pouzolzia wightii* leaves have been tested for anticancer activity. In-vitro anticancer studies were performed against human cancer cell line (HeLa) and MTT assay was used to analyze the cell growth inhibition. The results showed that the ethanolic extracts of leaves of *Pouzolzia wightii* possessed a moderate amount of anticancer activity with an IC_{50} value 193.8 μ g/ml.

Keywords: HeLa, MTT assay, IC_{50}

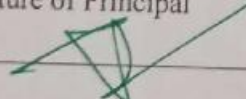
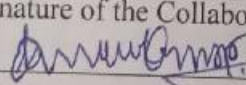
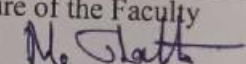
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Now a day's utility of medicinal plants has been increasing day by day in the present world. Compounds which are naturally derived from the herbs are safer and easily biodegradable than the synthetic compounds. So that the problem of drug resistance observed in synthetic drugs is also reduced (Chanchal and Balasubramaniam, 2011). Higher plants, a source of many plant derivatives, play a important role in health care of human beings. Therefore medicinal herbs have received a significant interest in anti-cancer therapy. Medicinal herbs do not have any of these drawbacks. Medicinal plants provide natural products have valuable sources for anticancer drug discovery (Schwartzmann *et al.*, 2002). Plants, vegetables and herbs used in traditional and folk medicine as one of the important source of cancer chemoprevention drug discovery and development (Abdullaev *et al.*, 2000). Many anticancer drugs derived from natural plant sources (Tan *et al.*, 2006). Dietary substances from natural products have played a vital role in creating new chemopreventive agents (Surh, 2008). Cragg and Newman states that over 50 % of the



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Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. M. Syed Ali Fathima Assistant Professor & Head, Department of Botany, ATBO01
2	Name of the Collaborating Faculty with Designation	:	Prof. A. Mohamed Ansar, Associate Professor,
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2018

M. Johnson

Centre for Plant Biotechnology, Department of Botany
St. Xavier's College (Autonomous), Palayamkottai

M. Syed Ali Fathima

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Rahmath Nagar, Tirunelveli - 627011

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2	Name of the Collaborating Faculty with Designation	:	Prof. A. Mohamed Ansar, Associate Professor,
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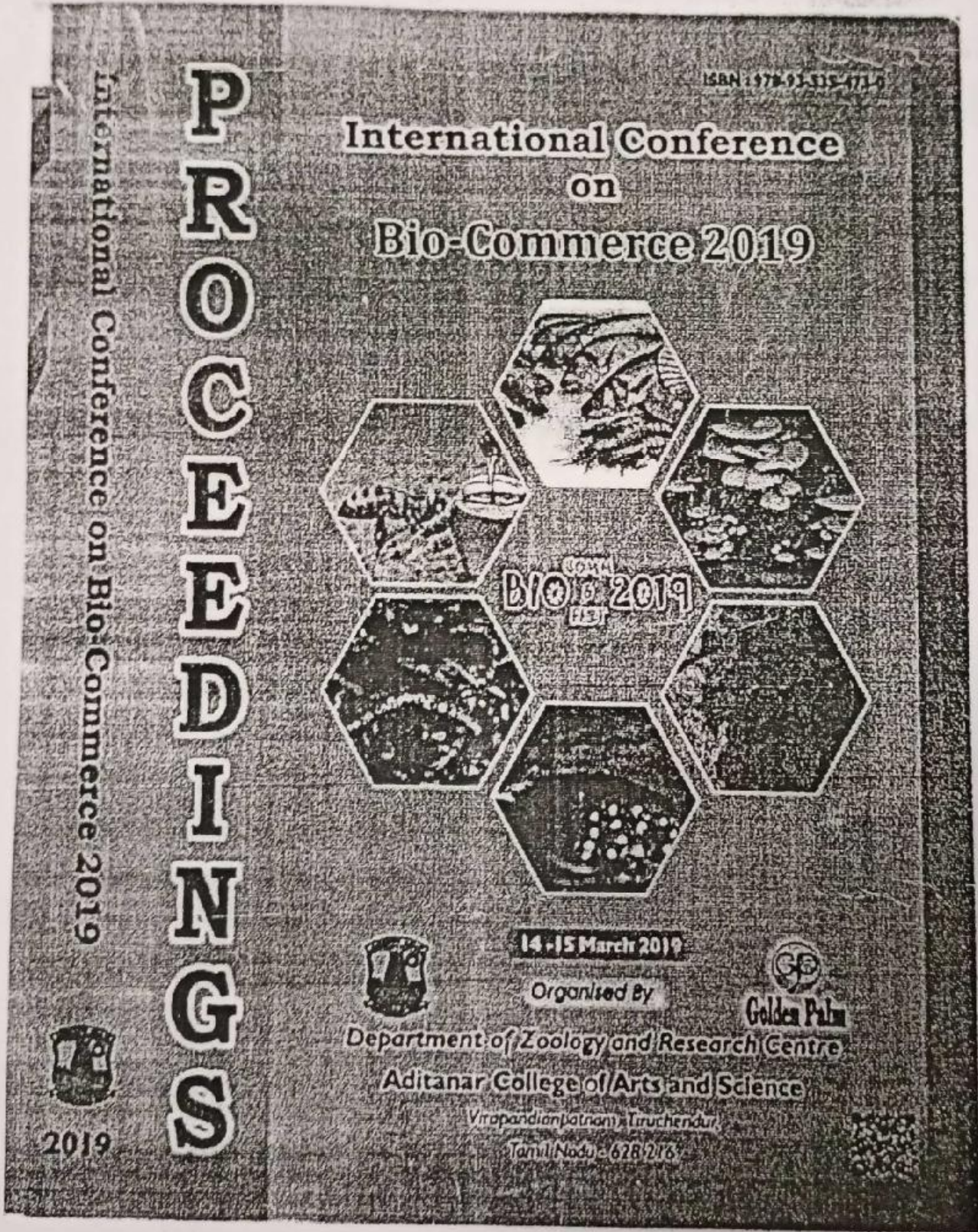
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ANTICANCER ACTIVITY OF *POUZOLZIA WIGHTII* BENN. STEM ETHANOLIC EXTRACTS AGAINST HELA CELL LINE

M. Johnson, M. Syed Ali Fathima* and A. Mohamed Ansar**

Centre for Plant Biotechnology, Department of Botany, St. Xavier's College (Autonomous), Palayamkottai -627 002.

*Department of Botany, Sadakathullah Appa College (Autonomous), Tirunelveli - 627 011.

**Department of Pharmaceutics, S.A. Raja Pharmacy College, Vadakkangulam.

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Sadakathullah Appa College (Autonomous)
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1	Name of the Faculty with Designation, Staff ID	:	Dr. J. ABDUL KHADER ATCO09 Assistant Professor of Commerce Sadakathullah Appa College
2	Name of the Collaborating Faculty with Designation	:	Dr. M. SIRAJUDEEN Assistant Professor of Commerce
3	Name of the Collaborating Organization	:	Jamal Mohamed College
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
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AN OVERVIEW OF GOODS AND SERVICES TAX AND ITS IMPACT ON INFLATION

Dr.M.Sirajudeen¹, Dr.M.Mohammed Majid² & J.Abdul Khader³

¹Assistant Professor, PG & Research Department of Commerce, Jamal Mohamed College, Trichy

²Assistant Professor, PG & Research Department of Commerce, Khadir Mohideen College, Adirampattinam.

³Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli..

Abstract:

This study attempts to examine the impact of Goods and Services Tax on inflation. Gross Domestic Product, inflation, agriculture, interest rates etc., are the important indicators for the growth of the economy. The Consumer Price Index in particular reflects more on inflation. The Goods and Services Tax was expected to be a game changer in the country's economy. But, after the implementation of GST many traders in Surat has protested against the government for implementing GST. Initially, the central government of India planned to introduce single slab on all the goods and services. Later, the government introduced nearly five slabs viz., 0% for some goods, 5%, 12%, 18% and 28%. Majority of the goods and services were levied under 18% and only few and some luxury products and services were came under 28%. For instance, for buying a new Sports Utility Vehicle like Toyota's Innova cars levied with nearly 53% of indirect taxes with 28% GST plus 25% Cess and other surcharges. In this study, we tries to find out the impact of Goods and Services Tax on Inflation. Inflation is good for the economy but hyper inflation is not healthier for the country's growth. Substantial people of the country are below middle income. Inflation affects those people on their day to day life even for every basic needs.

Key words: *Goods and Services Tax (GST), Inflation, Consumer Price Index, Cess, Surcharges etc.,*

Introduction:

The Goods and Services Tax (GST) is an indirect tax that is applied on both goods and services. The GST is added to the sales price of the goods and services and to be forwarded by the businessmen to the government .

In 1954, France introduced GST firstly among the world countries and presently nearly 160 countries are following this system of indirect taxation. Some of the countries with GST include Canada, Vietnam, Australia, Singapore, UK, Monaco, Spain, Italy, Nigeria, Brazil, and



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Rahmath Nagar, Tirunelveli - 627011

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BUSINESS PERSPECTIVES AND ECONOMIC DEVELOPMENTS

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52

GST AND ITS IMPACT ON RETAILERS IN TIRUNELVELI CITY

J. Abdul Khader,

Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli and Ph.D. Scholar, PG & Research Department of Commerce, Jamal Mohamed College, Trichy.

Dr. M. Sirajudeen,

Assistant Professor, PG & Research Department of Commerce, Jamal Mohamed College, Trichy.

Introduction:

Taxes are generally classified into direct and indirect taxes. Direct taxes are taxes on income [individual, corporate, real estate, stamp duty], while indirect taxes are taxes on goods [sales] and services [custom duties and exercise duties]. Of the above-mentioned taxes GST is included in the second type, where it is a system of taxation of expenses or use of goods and services. GST is a mechanism for collecting revenue from individuals, companies and other bodies for the purpose of financing government spending especially in socio economic development programs. According to the experts, It is a mandatory fee imposed by the government on individuals, firms or organisation and concern, where the money will be reused or spent by the government on the activities and project that provide mutual benefit to the community. It was brought to eradicate the multiple cascading taxes levied by the central and state governments. It was introduced as a [122nd] constitutional amendment bill. It is governed by GST council and its chairman is the finance minister of India. Government has promised that GST will reduce the compliance burdens at present. One of the aims of introducing GST is to reduce the cascading effects of taxes which are primary focus of VAT, but VAT system is not comprehensive enough to do so. It would be applicable to all transactions of goods and service. It is to be paid to the accounts of the Centre and the States separately. The rules for taking and utilization of credit for the central GST and the State GST would be aligned. Cross utilization of input tax credit between the Central GST (CGST) and the State GST (SGST) would not be allowed except in case of inter-state supply of goods.

Different Taxes:

India is the hub of taxes where people pay many taxes which create confusion for them. Presently we pay two types of taxes i.e. Direct and Indirect in various sectors. Direct Tax paid directly to the government by the taxpayer i.e. Income Tax, Wealth Tax, and Corporation Tax. Indirect Tax is a tax levied on goods and services rather than on income or profits. It is not directly paid to government but collected from intermediaries (such as retail stores) from the person who bears the ultimate economic burden of the tax (such as consumers). The intermediary later files a tax return and forwards the tax proceeds to government with the return for example, Sales Tax, VAT, Excise



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	Dr. J. ABDUL KHADER ATCO09 Assistant Professor of Commerce Sadakathullah Appa College
2	Name of the Collaborating Faculty with Designation	Dr. M. Mohamed Majid Assistant Professor of Commerce
3	Name of the Collaborating Organization	Khadir Mohideen College Adirampattinam
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	Research
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CONSUMER SATISFACTION OF MARUTI SUZUKI CARS IN TIRUNELVELI CITY

¹ Dr.M.Mohammed Majid, ² J.Abdul Khader and ³ A.I.Shakul Hameed

¹(Assistant Professor, PG & Research Department of Commerce, Khadir Mohideen College, Adirampattinam)

²(Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli)

³(Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli)

Abstract: *In this modern era, everything moves faster and faster. Introduction of new and latest technologies helps the human community in a wider way. Vehicles play a very crucial role in the day to day life of the human beings. Innovation of motor vehicles helps the people to move faster and to move the goods faster from the place of origin to the place of destination. Maruti Suzuki – Indo-Japanese collaboration in the Indian economy occupies the role of market leader in Automobile Passenger vehicle segment. The dozens of competitors in the market are struggling to compete with Maruti Suzuki over the decades. Hence, Maruti Suzuki is pronounced as people's car. This study titled "CONSUMER SATISFACTION TOWARDS MARUTI SUZUKI CARS IN TIRUNELVELI CITY" attempts to identify the factors that contributed for the great success of the company in Indian market.*

Keywords: *Consumer satisfaction, Passenger Vehicle Segment, modern market etc.*

INTRODUCTION

In this modern world every human has the right to lead to long and healthy life to be educated, to enjoy good standard of living and to be pollution, free. When the basic needs of food, shelter, health, protection, education, clothing etc., are fulfilled he likes to enjoy the luxuries of like such as owning a passenger car. Buying a car may be purpose of transportation, employment, safety or prestige, luxuries life, business or profession, tour etc.

People's requirements increase day by day. Daily new products are being introduced in the market. Banking Sector improves the people's purchasing capacity. It provides more financial facilities like Personal loan, Housing loan, Vehicle loan and so on.

Now a day most of the people are having at least one Passenger car. In the modern market there are more Four Wheeler companies are available. They are introducing lot of models. The company wants to know how to reach the customers, want to know, and how to reach the company with Finance.

This research mainly focused its attention on Maruti Suzuki Passenger car in Tirunelveli city.

Automobile Industry in Tamilnadu

In the year 2008, Tamil Nadu had over 16 million 2 and 4-wheeled vehicle registrations. The 4-wheeler's vehicles in Chennai are the base of 30% of India's automobile industry and 35% of its automobile component industry. Chennai is the fourth largest metropolitan city of the country. A Heavy Vehicles Factory is also established in Avadi (23 km Northwest of Chennai) in collaboration with Russia to produce military related vehicles. Avadi also boasts of Combat Vehicle Research & Development (CVRDE), a new engine testing facility.

STATEMENT OF THE PROBLEM

The needs of the people are growing. Things which were considered as luxury have now become necessities of life. In this modern world car has become a must in everybody's life. The financial status of the people has gone up and there are many financial institutions to provide financial assistance. This enables the consumers to satisfy their needs i.e., owing a car.

Maruti Suzuki is one of the India's leading automobile manufacturers and the market leader in the car segment, both in terms of volume of vehicles sold and revenue earned. The company vouches for customer satisfaction. For its sincere efforts it has been rated (by customers) first in customer satisfaction among all car makers in India for nine years in a row in annual survey by J.D Power Asia Pacific. Service is a major revenue generator of the company. Other automobile companies have not been able to match the bench mark set by Maruti.

An attempt has been made by the researcher which to analyses customer satisfaction of Maruti Suzuki passenger car and the level of customer satisfaction in Tirunelveli city.

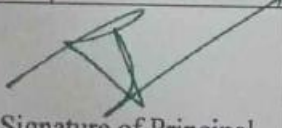
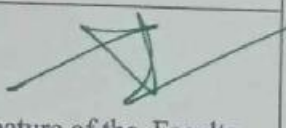
OBJECTIVES OF THE STUDY

The present study has the following objectives are:

1. To find out the factors that influences the people to buy Maruti Suzuki cars.
2. To know about the satisfactory levels of consumer in after sales services.
3. To bring out the opinions of consumers regarding the prices of spare parts available in market.



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	: Dr. M. Mohamed Sathik
		Associate Professor of Computer Science Prinicpal, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu
2	Name of the Collaborating Faculty with Designation	: Ms. Synthia Judith Gnanaselvi
		Research Scholar, Department of Computer Science Bharathiar University, Coimbatore
3	Name of the Collaborating Organization	: Research Scholar, Department of Computer Science Bharathiar University, Coimbatore
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A NOVEL APPROACH FOR SELF ORGANISATION BASED SEGMENTATION OF MRI BRAIN IMAGES

E. SYNTHIYA JUDITH GNANASELVI¹, Dr. M. MOHAMED SATHIK²

¹Research Scholar, Bharathiar University, Coimbatore, India

²Principal, Sadakathullah Appa College, Tirunelveli, India.

¹judithsynthiya@gmail.com

Abstract:

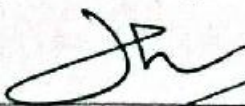
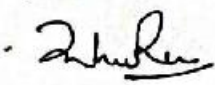

The detection of brain tumor in Magnetic Resonance Imaging (MRI) is very significant but intricate task, in which different segmentation techniques get evolved. In many of these techniques, segmentation is applied directly without any boundary detection which takes long time, large number of iterations and yields less accuracy result. This is a major drawback of existing segmentation methodologies. The goal of this paper is to overcome this drawback and proposed a novel approach for brain tumor segmentation. In this paper, there are three instances. In the first instance, a boundary is detected from the given MRI image and in the second instance, the segmentation techniques are applied within the detected boundary for better accuracy in reduced time. For this purpose, SOM method is used for predict a particular area of brain and then use geodesic, Chan vese and region based ACM method for segmentation. In the third instance, the morphological operation is carried out for removing the unwanted object and refills the missing elements. The result is compared with the techniques such as geodesic, Chan vese, region based ACM method, SOM & geodesic, SOM & Chan vese, SOM & region based ACM method. The result shows that the proposed system works better than existing techniques with the high accuracy, sensitivity, specificity, hamoude distance, hausdorff distance and it has less border error and mean square error than others.

Keywords: segmentation, Chan vese, SOM, region based ACM, Geodesic ACM.

II. Introduction:



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	M. Abdul Rahuman (ATCO07) Assistant Professor of Commerce Sadakatullah Appa College (Autonomous) Rahmath Nagar, Tirunelveli 627 011
2	Name of the Collaborating Faculty with Designation	:	Dr. A. Abdul Rahim Assistant Professor of Commerce Alagappa Government Arts College Karaikudi 630 003
3	Name of the Collaborating Organization	:	Alagappa Government Arts College Karaikudi 630 003
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
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A COMPARATIVE STUDY OF LOAN AND ADVANCES IN SELECTED PUBLIC
SECTOR AND PRIVATE SECTOR BANKS

M. Abdul Ruhuman¹ & Dr. A. Abdul Bahari²

¹Research Scholar Reg No. 10216, Muzammilam Sundararam University Tamil Nadu

²Assistant Professor of Commerce, Government Arts College, Karaikal

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ABSTRACT

This paper is a study on Public sector and Private sector banks customer's satisfaction towards banking services on loans and advances. The objective of this paper is to analyse the customer's awareness, perception and the level of satisfaction with regard to loan and advances provided by the public sector and private sector banks in the city of Tirunelveli. Banks have to connect with many customers and provide various types of services to its customers and if the customers are not satisfied with the same services offered by the banks. Banking sector plays an important major role in the development of a country, also it is very essential and difficult to find out a dissatisfied customer. The objective of this study is to compare the services on loan and advances towards customer satisfaction and to analyse the various variables of service factor using Likert scale. This survey declares that in comparison public sector bank customers are satisfied with regard to loans and advances. However, the study also suggests that private sector banks and preparing to take more steps on public sector banks in this regard.

KEYWORDS : Customer satisfaction, Loans and advances, Role of bank for lending activity comparison.

INTRODUCTION

The banking sector plays an important role in nation's economy. Banks have to connect with many customers every day and provide various types of services to its customer. The banking sector is facing a rapidly changing market, economic uncertainties, demanding customers new technologies, fierce competition and the changing climate has presented an unprecedented set of challenges. This study only focus on the customer satisfaction towards loans and advances. The Public and Private Sector banks accept deposits and also lend money to the public who needed it for their various purposes. Lending of loans and advances to businessmen, entrepreneurs, traders, industrial sectors, and individual. Loans and advances is the important activities of the banking sector. The major portion of the collected deposits received by banks is lent out and a major portion of their income is received from interest on such lending. The rate of interest depends upon the loan amount.

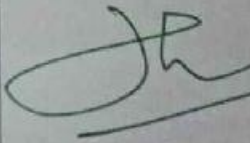

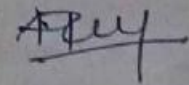
Loans and Advances

The term loan refers to the amount borrowed by one person from another person. The loan can be classified various types like home loan, education loan, vehicle loan, jewel loan etc. In general point of view borrower means it is borrowing, and from the view point of lending, it is meant by lending. Loan may be granted as credit facility where the money is disbursed, its recovery is made on a predetermined period. Loan is

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1	Name of the Faculty with Designation, Staff ID	:	Dr. A.I. SHAKU HAMEED
			Assistant Professor of commerce
			AT 00 04
2	Name of the Collaborating Faculty with Designation	:	Dr. M. Mohamed Majid
			Assistant Professor of commerce
3	Name of the Collaborating Organization	:	Khadir Mohideen college
			Adirama pattinam
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
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		Signature of the Faculty	
			

CONSUMER SATISFACTION OF MARUTI SUZUKI CARS IN TIRUNELVELI CITY

¹Dr.M.Mohammed Majid, ²J.Abdul Khader and ³A.I.Shakul Hameed

¹(Assistant Professor, PG & Research Department of Commerce, Khadir Mohideen College, Adirampattinam)

²(Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli)

³(Assistant Professor, PG & Research Department of Commerce, Sadakathullah Appa College, Tirunelveli)

Abstract: *In this modern era, everything moves faster and faster. Introduction of new and latest technologies helps the human community in a wider way. Vehicles play a very crucial role in the day to day life of the human beings. Innovation of motor vehicles helps the people to move faster and to move the goods faster from the place of origin to the place of destination. Maruti Suzuki - Indo-Japanese collaboration in the Indian economy occupies the role of market leader in Automobile Passenger vehicle segment. The dozens of competitors in the market are struggling to compete with Maruti Suzuki over the decades. Hence, Maruti Suzuki is pronounced as people's car. This study titled "CONSUMER SATISFACTION TOWARDS MARUTI SUZUKI CARS IN TIRUNELVELI CITY" attempts to identify the factors that contributed for the great success of the company in Indian market.*

Keywords: *Consumer satisfaction, Passenger Vehicle Segment, modern market etc.*

INTRODUCTION

In this modern world every human has the right to lead to long and healthy life to be educated, to enjoy good standard of living and to be pollution, free. When the basic needs of food, shelter, health, protection, education, clothing etc., are fulfilled he likes to enjoy the luxuries of like such as owning a passenger car. Buying a car may be purpose of transportation, employment, safety or prestige, luxuries life, business or profession, tour etc.

People's requirements increase day by day. Daily new products are being introduced in the market. Banking Sector improves the people's purchasing capacity. It provides more financial facilities like Personal loan, Housing loan, Vehicle loan and so on.

Now a day most of the people are having at least one Passenger car. In the modern market there are more Four Wheeler companies are available. They are introducing lot of models. The company wants to know how to reach the customers, want to know, and how to reach the company with Finance.

This research mainly focused its attention on Maruti Suzuki Passenger car in Tirunelveli city.

Automobile Industry in Tamilnadu

wheeler's vehicles in Chennai are the base of 30% of India's automobile industry and 35% of its automobile component industry. Chennai is the fourth largest metropolitan city of the country. A Heavy Vehicles Factory is also established in Avadi (23 km Northwest of Chennai) in collaboration with Russia to produce military related vehicles. Avadi also boasts of Combat Vehicle Research & Development (CVRDE), a new engine testing facility.

STATEMENT OF THE PROBLEM

The needs of the people are growing. Things which were considered as luxury have now become necessities of life. In this modern world car has become a must in everybody's life. The financial status of the people has gone up and there are many financial institutions to provide financial assistance. This enables the consumers to satisfy their needs i.e., owing a car.

Maruti Suzuki is one of the India's leading automobile manufacturers and the market leader in the car segment, both in terms of volume of vehicles sold and revenue earned. The company vouches for customer satisfaction. For its sincere efforts it has been rated (by customers) first in customer satisfaction among all car makers in India for nine years in a row in annual survey by J.D Power Asia Pacific. Service is a major revenue generator of the company. Other automobile companies have not been able to match the bench mark set by Maruti.

An attempt has been made by the researcher which to analyses customer satisfaction of Maruti Suzuki passenger car and the level of customer satisfaction in Tirunelveli city.

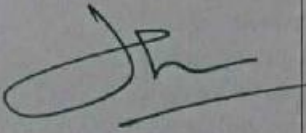
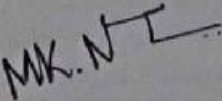
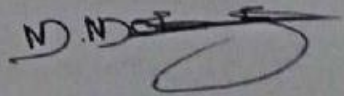
OBJECTIVES OF THE STUDY

The present study has the following objectives:

1. To identify the factors that contribute to the success of Maruti Suzuki in Tirunelveli city.
2. To identify the factors that contribute to the success of Maruti Suzuki in Tirunelveli city.
3. To bring out the opinions of consumers regarding the prices of spare parts available in market.



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. M. Mohamed Siddik Assistant Professor of Commerce ATCO 06
2	Name of the Collaborating Faculty with Designation	:	Ms. M. Kamalambal Assistant Professor of Management Studies
3	Name of the Collaborating Organization	:	Rajjiri Dawood Betehe College, Perambalur, Thanjavur
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	Publication
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A STUDY ON PROFIT GROWTH RATE OR INVESTMENT IN DELTA DISTRICTS OF TAMILNADU

Ms.M.Kamarun Nihar[1]

Research Scholar,

Department of Management Studies,

Rajagiri Dawood Batcha College of Arts and Science, Papanasam.

kamarunnihar04311018@gmail.com

Dr.M.Mohamed Siddik,[2]

Assistant Professor,

PG & Research Department of Commerce,

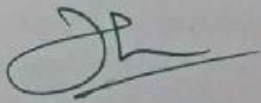
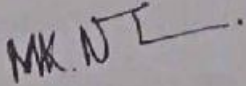

Sadakathullah Appa College (Autonomous),

Tirunelveli.- 627011 mohsi25@gmail.com

Abstract – To study the investment growth prediction is very crucial in any part of investments regarding on capital, liquidity, income stability, appreciation and easy transferability. A variety of Investment avenues are available such as Agriculture, fish farm, coconut farm, cucumber farm, sugarcane ,peanut and so on.. Investment is the requirement of funds which have been saved from current consumption with the hope that some benefits will be received in future. Through this study, an analysis has been made to know awareness and preference of stake holders towards Investment avenues in Tamil Nadu State. All the stake holders invest their surplus money in the above mentioned avenues based on their risk taking attitude. In this fast moving world, we can earn more and more money. More risk leads to more profit with conscious step ahead in any type of investment. Stake holders cannot avoid risk but they can minimize the risk by investing their money in various forms of Investments so that they can get a moderate profit. Hence the researcher has concluded that most of the stake holders prefer invest their capital in Agriculture and agriculture based by-products in delta districts of Tamilnadu.



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	DR. M. MOHAMED SIDDIK ASST. PROF. OF COMMERCE ATCOOB
2	Name of the Collaborating Faculty with Designation	:	MS. M. KAMARUN NIZAR ASST. PROF OF MANAGEMENT STUDIES
3	Name of the Collaborating Organization	:	RAJAGIRI DAWOOD BAREHA COLLEGE OF ARTS & SCIENCE, PAPANASAM, THANJAVUR
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		Signature of the Faculty	
			

A STUDY ON INVESTMENT PREFERENCES AMONG URBAN STAKE HOLDERS IN DELTA DISTRICTS OF TAMILNADU

^[1]Ms.M.Kamarun Niha, ^[2]Dr.M.Mohamed Siddik.

^[1]Research Scholar, Department of Management Studies,
Rajagiri Dawood Batcha College of Arts and Science, Papanasam.
kamarunnihar04311018@gmail.com.

^[2]Assistant Professor, PG & Research Department of Commerce,
Sadakathullah Appa College (Autonomous), Tirunelveli - 627011
mohsi25@gmail.com

Abstract – Money plays a significant role in human's life. In order to overcome the difficulties in future they have to invest their money. Investment of hard earned money is a crucial activity of every human being. The importance of an investment is safety of principal total, liquidity, income stability, appreciation and easy transferability. A variety of investment avenues are available such as Agriculture, fish farm, coconut farm, cucumber farm, sugarcane, peanut and so on. Investment is the obligation of funds which have been saved from current consumption with the hope that some benefits will be received in future. Through this study, an analysis has been made to know awareness and preference of stakeholders towards investment avenues in Tamil Nadu State. All the stakeholders invest their surplus money in the above mentioned avenues based on their risk taking attitude. In this fast moving world, we can earn more and more money. More risk leads to more profit. Stakeholders cannot avoid risk but they can minimize the risk by investing their money in various forms of investments so that they can get a moderate profit. Hence the researcher has concluded that most of the stakeholders prefer followed by Agriculture investment in the study area.


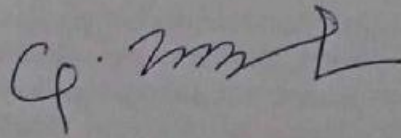

Keywords: Stakeholders towards, Total, Liquidity, Income Stability, Appreciation and Easy Transferability

1. INTRODUCTION

Investment is time, energy, or matter spent in the hope of future benefits actualized within a specified date or time frame. This article concerns investment in agriculture. In agriculture investment is buying or creating an investment with the expectation of farming, yielding and selling various items or some combination of the returns. This may or may not be backed by research and analysis. Most or all forms of investment involve some form of risk, such as



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. M. MOHAMMED SUDDIK ASST PROFESSOR OF COMMERCE ATCO 06
2	Name of the Collaborating Faculty with Designation	:	G. MURUGARAJ ASST. PROF. OF COMMERCE
3	Name of the Collaborating Organization	:	RAJAGURU DANWOOD BASTHA COLLEGE OF ARTS & SCIENCE, PAPANATHAN
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7	Financial Involvement (if any)	:	
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Signature of Principal		Signature of the Collaborating Faculty	Signature of the Faculty
			

A STUDY ON ONLINE BANKING SERVICE QUALITY WITH SPECIAL REFERENCE TO PUBLIC SECTOR BANKS IN TAMILNADU

¹Ms. G. MURUGARAJ; ²DR. M. MOHAMED SIDDIK

¹RESEARCH SCHOLAR, DEPARTMENT OF COMMERCE, RAJAGIRI
DAWOOD BATCHA COLLEGE OF ARTS & SCIENCE

²ASSISTANT PROFESSOR PG & RESEARCH DEPT. OF COMMERCE,
SADAKATHULLAHAPPA COLLEGE

ABSTRACT

Service quality has become an important factor among the customers in retail banking. The emergence of new banking technology creates highly competitive market conditions, which have a critical impact upon customer behavior. Hence, it is the need of the hour for the banking sector, to better understand their customers and their attitudes toward technology in general, to enhance increased satisfaction of their customers using online banking. If they succeed, banks will be able to influence and even determine customer behavior, which will become a major issue in creating competitive advantage in the future. Mainly four objectives are involved in this study. The study focused on the online banking services of public sector banks operating in Tamil Nadu.

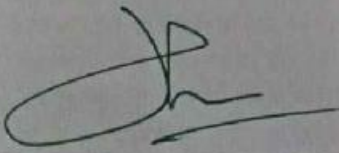
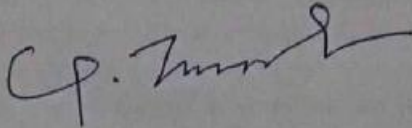
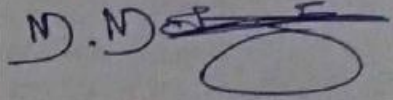
Keywords: Banking technology, customer behavior, online banking services, public sector banks and strategic decisions

1. INTRODUCTION

Banks are the most important service institutions in the economy of any country and the backbone of any financial and economy. Internet banking uses the Internet as the delivery channel by which to conduct banking services accessed via the internet's World Wide Web. It uses the global network of computer networks without any "brick and mortar" branch offices. By eliminating the overhead expenses of conventional banks, Internet banking theoretically can pay customers higher interest rates on savings than the national average. Internet Banking can provide speedier, faster and reliable services to the customers for which they are relatively happy. At present, the total internet users in the country are estimated at 9 lakh. However, this is expected to grow exponentially to 900 lakh by 2025 (N.Ajjan, 2012) [1].



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. M. Mohamad Siddik Asst. Prof. of Commerce ATCO06
2	Name of the Collaborating Faculty with Designation	:	G. MURUGARAJ Asst. Professor of Commerce
3	Name of the Collaborating Organization	:	Rajgiri Dawood Bakhia College of Arts & Science, Perambalur.
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
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		Signature of the Faculty	
			

A STUDY ON HOUSING FINANCE SERVICE QUALITY WITH SPECIAL REFERENCE TO PUBLIC SECTOR BANKS IN TAMILNADU

Mr. G. MURUGARAJ, DR. M. MOHAMED SIDDIK

¹RESEARCH SCHOLAR, DEPARTMENT OF COMMERCE, RAJAGIRI
DAWOOD BATCHA COLLEGE OF ARTS & SCIENCE

²ASSISTANT PROFESSOR PG & RESEARCH DEPT. OF COMMERCE,
SADAKATHULLAHAPPA COLLEGE

ABSTRACT

Housing finance as a financial service is relatively young in India . The growth in housing and housing finance activities in recent years reflect the buoyant state of the housing finance market in India . The real estate sector is the second largest employment generator in the country. In 1970, the state set up the Housing and Urban Development Corporation (HUDCO) to finance housing and urban infrastructure activities, in 1977, the Housing Development Finance Corporation (HDFC) was the first housing finance company in the private sector to be set up in India . For the success and survival in the banking sector, provision of high service quality is necessary in meeting several requirements such as customer satisfaction and its consequent loyalty, attracting new customers and to increase the market share and profitability. Services are intangible and are also not easily duplicated.

Keywords: Awaaz, Green homes, Housing finance, Hudco, Housing loans

INTRODUCTION

The basic needs of mankind are food, clothing and shelter. Of these, housing is not only a basic need but it also provides a sustainable base for the up gradation of the economic status and quality of the life of people. The arithmetic progression of population and also the migration of people from rural areas to urban for employment have increased the housing demand day by day. Against the milieu of rapid urbanization and a changing socio- economic scenario, the demand for housing has grown explosively, due to change in economic and social status, people now have a desire to own a house. A house is generally the single largest investment an individual makes in his life time. Moreover, the emotional dimension of a house makes it intrinsically safer for lender. Another factor that adds to the safety of the loan is that most borrowers have a



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2	Name of the Collaborating Faculty with Designation	:	S. LAVAKUMAR Asst. Professor of Management Studies
3	Name of the Collaborating Organization	:	Regional Institute of Advanced College of Arts & Science
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	RESEARCH
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**A STUDY ON ADVERTISEMENT LOYALTY AND ITS EFFECT ON
BUYING BEHAVIOUR IN CASE OF SELECTED COSMETICS
PRODUCTS IN THE STATE OF TAMIL NADU**

¹Mr. S. LAVAKUMAR, ²DR.M.MOHAMED SIDDIK

¹RESEARCH SCHOLAR, DEPT. OF MANAGEMENT STUDIES,
RAJAGIRI DAWOOD BATCHA COLLEGE OF ARTS & SCIENCE

²ASSISTANT PROFESSOR PG & RESEARCH DEPT.OF COMMERCE,
SADAKATHULLAHAPPA COLLEGE

ABSTRACT

In the modern marketing environment consumers are becoming more and more demanding since the market is glutted with endless product advertisements and their countless brands and offering them rich choices. The purchase behaviour of the consumers for such advertisements is of special interest to the marketer since these items are purchased repeatedly and it is this purchase that results in generating volumes and profits. Advertisements loyal consumers as a matter of fact, provide the basis for a stable and growing market share of a company. Therefore, interest of marketers hover around the ways and means to develop and sustain advertisement allegiance for their products and services. Creating advertisement loyalty in an overcrowded category is an onerous task. However, in the Indian market it is not altogether impossible, if the success of Hindustan Unilever, Titan, Amul, Maruti- Suzuki, Nirma, Airtel and many others is of any indication. Against such a backdrop, the researcher has decided to undertake a study entailing a comprehensive examination of the advertisement loyalty behavioural pattern of the women skincare cosmetics consumers in the state of Tamilnadu.

Keywords: Advertisement loyalty, Consumer behaviour, Cosmetics products, Tamil nadu

INTRODUCTION

Consumer behaviour reflects the totality of client's selections with admires to acquisition, consumption and disposition of items, offerings, time and idea by (human) decision making models (over time). It also includes whether, why, when, where, how, how much and how often and how long consumer will use or dispose of an offering. Thus, in this condition consumer's awareness and attitude towards wide range of products would be the key element for



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	DR. M. MOHAMED SIDDIK ASSISTANT PROFESSOR OF COMMERCE - ATCO 06
2	Name of the Collaborating Faculty with Designation	:	S. LAVAKUMAR ASSISTANT PROFESSOR OF MANAGEMENT STUDIES
3	Name of the Collaborating Organization	:	RAJANIRI DAWOOD BATHA COLLEGE
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**A STUDY ON BRAND LOYALTY AND ITS EFFECT ON BUYING
BEHAVIOUR IN CASE OF SELECTED COSMETICS PRODUCTS IN THE
STATE OF TAMIL NADU**

¹S. LAVAKUMAR, ²DR. M. MOHAMED SIDDIK

¹RESEARCH SCHOLAR, DEPT. OF MANAGEMENT STUDIES,
RAJAGIRI DAWOOD BATCHA COLLEGE OF ARTS & SCIENCE

²ASSISTANT PROFESSOR PG & RESEARCH DEPT. OF COMMERCE,
SADAKATHULLAHAPPA COLLEGE

ABSTRACT

In the modern marketing environment consumers are becoming more and more demanding since the market is glutted with endless products and countless brands and offering them rich choices. The purchase behaviour of the consumers for such products is of special interest to the marketer since these items are purchased repeatedly and it is this purchase that results in generating volumes and profits. Brand loyal consumers as a matter of fact, provide the basis for a stable and growing market share of a company. Therefore, interest of marketers hover around the ways and means to develop and sustain brand allegiance for their products and services. However, retaining customers in a highly competitive and volatile market place is indeed a difficult proposition. Creating brand loyalty in an overcrowded category is an onerous task. However, in the Indian market it is not altogether impossible, if the success of Hindustan Unilever, Titan, Amul, Maruti- Suzuki , Nirma, Airtel and many others is of any indication. Against such a backdrop, the researcher has decided to undertake a study that extends over a wide canvas entailing a comprehensive examination of the brand loyalty behavioural pattern of the women skincare cosmetics consumers in the state of Tamilnadu.

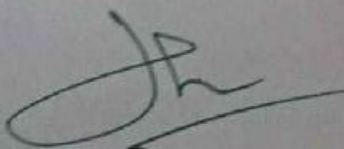
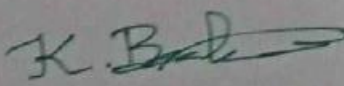

Keywords: Brand loyalty, Buying behaviour, Cosmetics products, Tamil nadu

INTRODUCTION

Consumer behaviour reflects the totality of client's selections with admires to acquisition, consumption and disposition of items, offerings, time and idea by (human) decision making models (over time). It also includes whether, why, when, where, how, how much and how often and how long consumer will use or dispose of an offering. Thus, in this condition



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	DR. M. MOHAMMED SIDDIK Asst. Prof. of Commerce ATCO 06
2	Name of the Collaborating Faculty with Designation	:	DR. K. BALASUBRAMANIAN PRINCIPAL & DIRECTOR
3	Name of the Collaborating Organization	:	R.D.B INSTITUTE OF MANAGEMENT
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	ACADEMIC
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	GUEST LECTURE
6	Period of Collaboration	:	From: 17/03/2018 To:
7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	Signature of the Faculty
			



RAJAGIRI DAWOOD BATCHA COLLEGE OF ARTS AND SCIENCE

(AFFILIATED TO BHARATHIDASAN UNIVERSITY)

ISO 9001-2000 CERTIFIED INSTITUTION

POST BAG No.4

PAPANASAM - 614 205, THANJAVUR Dt.



☎ (04374) 221267, 222123.

Prof. Dr. M.A. DAWOOD BATCHA.,
M.Sc., M.B.A., B.Lib.Sc., A.Doc., PGDMM., Ph.D.,
Founder, Chairman,
Secretary & Correspondent.

Date: _____

17-03-2018

CERTIFICATE

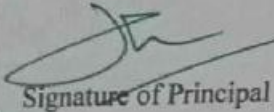
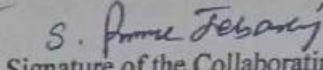
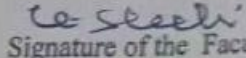
This is to certify that **Dr. M. MOHAMMED SIDDIK**, Assistant Professor
PG & Research Dept of Commerce, Sadakathullah Appa College (Autonomous),
Tirunelveli – 627 011 has chaired the seminar as **Chief Guest on 17-03-2018** in
our college organized by PG Research Department of Commerce & PG Research
Department of Management. The Theme of the Seminar **GST – The Impact of
GST on Development in Business and Finance.**

J. B. Dawood
17/03/2018
PRINCIPAL

PRINCIPAL
RAJAGIRI DAWOOD BATCHA
COLLEGE OF ARTS AND SCIENCE
PAPANASAM - 614 205,
THANJAVUR DISTRICT.



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. K. SHEIK MYDEEN Assistant Professor Dept of Commerce Finance STBA 01
2	Name of the Collaborating Faculty with Designation	:	Dr. S. PRINCE JEBARAJ Assistant Professor in Commerce Dept of Commerce
3	Name of the Collaborating Organization	:	St. Xavier's College (Autonomous) Palayamkottai Tirunelveli
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	DC member
6	Period of Collaboration	:	From : 7 th July 2018 . To:
7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes / No Yes
 Signature of Principal		 Signature of the Collaborating Faculty	
		 Signature of the Faculty	



Dr.K.SENTHAMARAI KANNAN
DIRECTOR

REF:MSU/RES/R1/JULY 2018

Date : 05-July-2018

Ph.D., Programme Commencement Order

To
MATHAN KUMAR P
1532, NORTH STREET, JOTHIPURAM, PALAYAMKOTTAI
Thirunelveli Tamil Nadu 627002
Mobile No : 9442419131 , Email Id : prof.mathankumar@gmail.com

Sir/Madam,
Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work - Intimation-Reg
Ref: Counseling attended by the candidate.

With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

- * * * * *
- | | |
|--|--|
| 1. Name of the Scholar | : MATHAN KUMAR P |
| 2. Registration No | : 18221281011017 |
| 3. Discipline | : Commerce |
| 4. Gender | : Male |
| 5. Social Category (Community) | : SC |
| 6. Nationality | : INDIAN |
| 7. PWD Status | : Not Applicable |
| 8. Admission Based On | : M.Phil |
| 9. Name of the Supervisor | : DR S PRINCE JEBARAJ |
| 10. Name of the Co-Supervisor | : NIL |
| 11. Mode | : PART TIME INTERNAL |
| 12. Research Centre | : ST. XAVIER'S COLLEGE, PALAYAMKOTTAI |
| 13. Date of Commencement | : 05.07.2018 |
| 14. Proposed Title | : A STUDY ON IMPACT OF SOCIAL MEDIA FOR TEENAGERS BUYING BEHAVIOUR - AN EMPRICAL STUDY IN KANYAKUMARI DISTRICT |
| 15. Doctoral Committee Members Details | : 1. DR F X ROBERT BELLARMINE
ASST PROF OF COMMERCE ST XAVIERS COLLEGE PALAYAMKOTTAI |
| | : 2. DR K SHEIK MYDEEN
ASST PROF OF BUSINESS ADMIN S A COLLEGE PALAYAMKOTTAI |

ASSISTANT


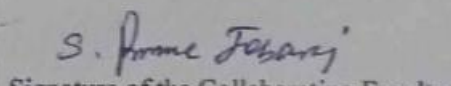
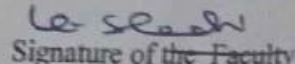
SUPERINDENT

ASSISTANT REGISTRAR

DIRECTOR



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. K SHEIK MYD EGA ASSISTANT PROFESSOR Dept. of Commerce Finance ST BAOI
2	Name of the Collaborating Faculty with Designation	:	Dr. S. PRINCE JEBARAJ Assistant Professor in Commerce
3	Name of the Collaborating Organization	:	St. Xavier's College (Autonomous) Palayamkottai Tirunelveli
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	DC member
6	Period of Collaboration	:	From : Jan 2018 To:
7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes / No Yes
 Signature of Principal		 Signature of the Collaborating Faculty	
		 Signature of the Faculty	



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/R1/JANUARY2018

Date : January 10, 2018

Ph.D., Programme Commencement Order

To

VANITHA P
2-63 thiruvalluvar west street, ammanpuram, tiruchendur, 2-63 thiruvalluvar west
street, ammanpuram, tiruchendur
Tamil Nadu, Thoothukudi, Pincode - 628201
Mobile No. : 9486220461, Email ID : vanitha87.mcom@gmail.com

Sir/Madam,

Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg

Ref: Counseling attended by the candidate.

With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

1. Name of the Scholar : VANITHA P
2. Registration No. : 18121281012019
3. Discipline : Commerce
4. Gender : Female
5. Social Category (Community) : SC
6. Nationality : India
7. PWD Status : Not Applicable
8. Admission Based On : M.Phil
9. Name of the Supervisor : DR S PRINCE JEBARAJ
10. Name of the Co-Supervisor : NIL
11. Mode : PART TIME INTERNAL
12. Research Centre : St. Xavier's College (Autonomous), Palayamkottai
13. Date of Commencement : 10.01.2018
14. Proposed Title : A STUDY ON SERVICE QUALITY PERCEPTION AND PREFERENCE OF PATIENTS OF SELECTED PRIVATE HOSPITALS IN TUTICORIN DISTRICT
15. Doctoral Committee Members Details :
 1. DR K SHEIK MYDEEN
head and assistant professor bba sadakathullah appa college
tirunelveli
Mobile No. : 9442082638, Email ID : sheiksatwanil@gmail.com
 2. DR A AROCKIADASS
associate professor department of commerce st xavier college
tirunelveli
Mobile No. : 9443419480, Email ID : aruldosd@gmail.com

[Signature]
10/1/18
ASST

[Signature]
10/1/18
SUPDT

[Signature]
10/1/18
AR

[Signature]
10/01/18
DIRECTOR



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	DR. R. JANET RANI ASSISTANT PROFESSOR AND HEAD STMB01
2	Name of the Collaborating Faculty with Designation	:	DR. M.I.ZAHIR HUSSAIN ASSISTANT PROFESSOR
3	Name of the Collaborating Organization	:	SADAKATHULLAH APPA COLLEGE TIRUNELVELI- 627011
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	ACADEMIC
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	DC MEMBER
6	Period of Collaboration	:	From : 2019 To: 2019
7	Financial Involvement (if any)	:	NO
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	
		Signature of the Faculty	



PG and Research Centre of Zoology
Sadakathullah Appa College (Autonomous)

(Reaccredited by NAAC at an 'A' Grade with a CGPA of 3.40: An ISO 9001:2015 certified Institution)
Rahmath Nagar, Tirunelveli- 627 011

Dr. M.I. ZAHIR HUSSAIN
Assistant Professor and Head (PG)

Ref: ZH/Ph.D./Marivignesh/Doc.Com.Met/01/2019

To

Dr.R. Janet Rani

Assistant Professor and Head
Department of Microbiology
Sadakathullah Appa College (Autonomous)
Rahmath nagar, Tirunelveli-627 011

Dear Sir,

Sub: Request to conduct Doctoral Committee Meeting for Mr.R.Marivignesh (Reg. No.1911192201006) -reg.

Proposed Title: Studies on Endophytic Microorganism on the Growth of Indian Major Carp

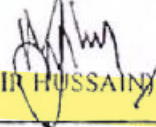
Warm Greetings from PG and Research Department of Zoology

We would like to conduct the first doctoral committee meeting of Mr.R.MARIVIGNESH (Reg. No. 1911192201006) on 08-01-2019 at 2.00am in the PG and Research Department of Zoology, Sadakathullah Appa College, Tirunelveli. I request you to kindly make your convenient to attend the meeting.

Thanking you,

Yours Sincerely,

Place : Tirunelveli
Date : 08-01-2019


(M.I.ZAHIR HUSSAIN)

Cell No. 9443615236 Off: 0462-2540763 Fax: 0462-2540033 Email: mizahirhussain@gmail.com



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	DR. R. JANET RANI ASSISTANT PROFESSOR AND HEAD STMB01
2	Name of the Collaborating Faculty with Designation	:	DR. J. THAMPI THANKA KUMARAN PRINCIPAL
3	Name of the Collaborating Organization	:	MALAKARA CATHOLIC COLLEGE, KANYAKUMARI- 629153
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	ACADEMIC
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	DC MEMBER
6	Period of Collaboration	:	From : 2019 To: 2019
7	Financial Involvement (if any)	:	NO
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	
		Signature of the Faculty	



**MALANKARA
CATHOLIC
COLLEGE**

MARIAGIRI, KALIAKKAVILAI-629153
KANYAKUMARI DISTRICT, SOUTH INDIA
Tel : 04651 - 244158, 244064
E-mail : malankaracollege@gmail.com
Web : www.malankara.edu.in

Dr. J. Thampi Thanka Kumaran
Principal

05.01.2019

ATTENDANCE CERTIFICATE

This is to certify that **Dr. R. Janet Rani**, Head and Asst. Professor in **Microbiology**, Sadakathullah Appa College, Tirunelveli, had served as member for the first **Doctoral committee meeting** of **Mrs. Andrewsln Jani. V** (Reg. No: 19123082272001), Ph.D Part time Internal Scholar in Microbiology, Manonmaniam Sundaranar University, Thirunelveli; on **05.01.2019** at **11.00am** in the Inter Disciplinary Research center, Department of Biotechnology, **Malankara Catholic College, Mariagiri.**




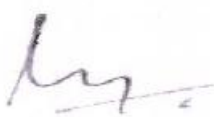
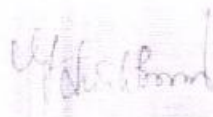
Principal
MALANKARA CATHOLIC COLLEGE
MARIAGIRI, KALIAKKAVILAI - 629 153
K.K.DIST, TAMILNADU, SOUTH INDIA

TO SERVE

VISION : Transformation of Society through Human Resources.
MISSION : Excellence in Value based Education and Research for the Development of Human Resources.



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	: DR. R. JANET RANI ASSISTANT PROFESSOR AND HEAD STMB01	
2	Name of the Collaborating Faculty with Designation	: DR. V. SAMUEL GANA PRAKASH PROFESSOR AND HEAD	
3	Name of the Collaborating Organization	: MANONMANIUM SUNDARANAR UNIVERSITY RAJAKAMANGALAM- 629502	
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	: ACADEMIC	
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	: BOARD OF STUDIES	
6	Period of Collaboration	: From : 2018 To: 2018	
7	Financial Involvement (if any)	: NO	
8	Proof Attached	: Yes / No	
Signature of Principal		Signature of the Collaborating Faculty	Signature of the Faculty
			



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
MANONMANIAM SUNDARANAR UNIVERSITY
(ACCREDITED WITH B GRADE BY NAAC)



(Please quote this reference number)

No. MSU/

Date

From 54/CMST/VSGP/18-19

01.08.18.

Dr. V. Samuel Gnana Prakash,
Prof & Head
CMST, M. S. University
Rajakkamangalam - 629 502

To
Dr.R. Janet Rani, Assistant Professor,
Dept. of Microbiology,
Sadakathulla Appa College,
Tirunelveli.

Sir

Sub: CMST, M.S. University - M.Phil. /Ph.D. - Board of Studies meeting - reg.

I am happy to invite you as a member - 8 (Co-opted Member) nominated by our Honourable Vice-Chancellor for conducting the Board of Studies (BOS) meeting to frame the syllabus for Ph.D Course work study papers in Microbiology. In this regard, it is scheduled to conduct the BOS on 9th August 2018 by 10 A.M at Centre for Marine Science & Technology, M.S. University, Rajakkamangalam. I request you to kindly make it convenient to attend the same and you will be paid usual TA & honorarium as per the University norms.

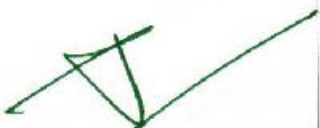


Thanking You,

Yours faithfully,

V. SAMUEL GNANA PRAKASH



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	: DR. R. JANET RANI ASSISTANT PROFESSOR AND HEAD STMB01
2	Name of the Collaborating Faculty with Designation	: DR. K. MURUGAN PRINCIPAL
3	Name of the Collaborating Organization	: SARDAR RAJA ARTS AND SCIENCE COLLEGE, VADAKANGULAM- 627116
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	: ACADEMIC
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	: GUEST LECTURE
6	Period of Collaboration	: From : 2017 To: 2017
7	Financial Involvement (if any)	: NO
8	Proof Attached	: Yes / No
Signature of Principal		Signature of the Collaborating Faculty
		
		Signature of the Faculty
		



SARDAR RAJA ARTS AND SCIENCE COLLEGE

RAJA NAGAR, VADAKANGULAM - 627 116.
TIRUNELVELI DISTRICT, TAMILNADU

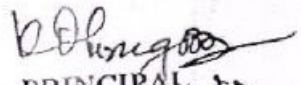
Ref

Date
23-08-2017

Dr. K. Murugan M.Com., M.Phil., Ph.D
PRINCIPAL

CERTIFICATE

This is to certify that **Dr. R. Janet Rani**, Assistant Professor & Head, Department of Microbiology, Sadakkathullah Appa College, Palayamcottai, visited our college to inaugurate the Microbiology Association on 23.08.2017. She has delivered a very good lecture on Microbiology which is very much useful to our students.


PRINCIPAL
PRINCIPAL
SARDAR RAJA ARTS & SCIENCE COLLEGE
RAJA NAGAR
VADAKANGULAM - 627 116
Tirunelveli Dist

Phone : Reception : 232021, 232022
College : 231311
Fax : 04637-232023

<http://WWW.rajas.edu>

STD : 04637
Grams : Lovelandia
E-mail : info@rajas.edu



Sadakathullah Appa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	<p style="background-color: yellow;">Dr. K. Hema</p> <p>Assistant Prof. of English</p> <p>Staff ID : ATEN04</p>
2	Name of the Collaborating Faculty with Designation	:	<p style="background-color: yellow;">Dr. S. Viji</p> <p>Assistant Prof. of English</p>
3	Name of the Collaborating Organization	:	<p>Sri Sarada College,</p> <p>Tirunelveli</p>
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	<p>Research</p>
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	<p>Publication</p> <p>"Social Realism & Resilience in Terry Macmillan's Mama"</p>
6	Period of Collaboration	:	<p>From : 14.3.2017 To: 31.01.2022</p>
7	Financial Involvement (if any)	:	-
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	
		Signature of the Faculty	

Ms. S. Viji

Ph. D. Reg. No. 12542

Assistant Professor of English,

Sri Sarada College for Women, Sadakathulla Appa College,

Tirunelveli, Tamil Nadu, India

Dr. K. Hena

Research Supervisor, Asst. Prof. of English,

Sadakathulla Appa College.

Tirunelveli, Tamil Nadu, India

vijishri37@gmail.com

Social Realism and Resiliency in Terry McMillan's *Mama*

Abstract: African American Literature has become an irrevocable part of American Literature and culture. Slave narratives label the initiation of African-American Literature in United States. The yesteryear of slavery and the import of Africans as slaves to America was the main reason for the rise of African American writers. The continuous evolution of some novels of women writers made many black women to turn to better contemplative and accepting of Black women's problems. Black women writers began to examine and expose female identity apart from female experience and they focused mainly on black experience. Women's writing became a tool of feminism in the works of Alice Walker, Toni Morrison and Terry McMillan. In contemporary African American women's fiction Terry McMillan's novels are considered as a remarkable inventive force. Her novels abandon intellectual interests of race which is a supreme threat found throughout African American Literature. She focuses mainly on Black

experiences and particularly the racial and feminist issues. As Terry has mapped urban experiences of African American men and women, her novels are notably popular. This paper investigates the issues such as motherhood, child rearing and mother-daughter rivalry in Terry McMillan's *Mama* which footmarks her heroine's struggles through hopeless realities. The novel is permeated with social realism and not is merely a woman's wrangle in a patriarchal society.

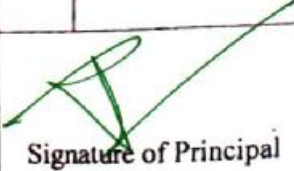


Key words: female identity, female experience, motherhood, child rearing, mother-daughter rivalry

McMillan is acknowledged as a remarkable force in contemporary African American Women's fiction. Her first novel *Mama* gained amicable critical attention and deep-rooted her distinction as an inventive new voice of middle class black America. Her engaging stories, attractive characters and conscious commentary on resent African American experiences are considered, a vital contribution to contemporary popular Literature. Her portrayal of women is more sympathetic. The attention she gives to male-female rifts within the African American community seems at odds with the black solidarity she otherwise implicitly approves.

McMillan's work reflects not only the history of Black women but also a labour force by portraying relationships of romantic love. McMillan's fiction defies modern critics' expectation that African American literature must privilege racial conflict. Romantic relationships between black women and black men lie at the centre of McMillan's most popular novels. Romance is often seen as a theme antithetical to the critical agenda advanced by modern African American literary studies. Ann duCille argues, for instance, that "until recently, love and marriage were all but dismissed as female, or, at least feminized themes little worthy of study when juxtaposed to the masculinised racial and freedom discourse assumed to characterize the African American novel" (duCille 3).



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. K. Hema, Assistant Prof. of English, Staff ID : ATEND4
2	Name of the Collaborating Faculty with Designation	:	Dr. K. Shanmuga Sundar Raj Assistant Prof. of English Government Arts & Science College
3	Name of the Collaborating Organization	:	Kovilpatti. Government Arts & Science College.
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Co-guide (Research)
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	Co-guide (1 scholar)
6	Period of Collaboration	:	From : August 2017 To: till date
7	Financial Involvement (if any)	:	—
8	Proof Attached	:	Yes / No ✓
 Signature of Principal		 Signature of the Collaborating Faculty	
		 Signature of the Faculty	



MANONMANIAM SUNDARANAR UNIVERSITY
CENTRE FOR RESEARCH
ABISHEKAPATTI, TIRUNELVELI - 627 012, TAMILNADU, INDIA



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/R1/JUNE2017

Date : August 10, 2017

Ph.D., Programme Commencement Order

To

SUMATHY M
48A, Sudalaimadan Koil Street, Tirunelveli Town
Tamil Nadu, Thirunelveli, Pincode - 627006
Mobile No. : 9952485854, Email ID : msg2suma@gmail.com

Sir/Madam,

Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg

Ref: Counseling attended by the candidate.

With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

1. Name of the Scholar : SUMATHY M
2. Registration No. : 17211194012008
3. Discipline : English
4. Gender : Female
5. Social Category (Community) : OC
6. Nationality : Indian
7. PWD Status : Not Applicable
8. Admission Based On : M.Phil
9. Name of the Supervisor : DR K SHANMUGA SUNDARA RAJ
10. Name of the Co-Supervisor : Dr K HEMA
11. Mode : FULL TIME
12. Research Centre : Sadakathullah Appa College, Tirunelveli.
13. Date of Commencement : 10.08.2017
14. Proposed Title : SLAVERY, CRUELTY, AND THE RISE OF HUMANITARIANISM IN SLAVE NARRATIVES
15. Doctoral Committee Members Details :
 1. DR KANNA MUTHIAH
Assistant Professor & Research Head, Department of English,
Sadakathullah Appa College, Tirunelveli
Mobile No. : 9629245342, Email ID :
kanna25naga@yahoo.co.in
 2. DR R JEYASUNDARAJ
Associate Professor, Department of English, St. John's College,
Tirunelveli
Mobile No. : 9994192448, Email ID :
rajjayasundar@gmail.com

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10/8/17
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K. Senthamarai Kannan
10/8/17
DIRECTOR



MANONMANIAM SUNDARANAR UNIVERSITY
CENTRE FOR RESEARCH
ABISHEKAPATTI, TIRUNELVELI - 627 012, TAMILNADU, INDIA



DR. K. SENTHAMARAI KANNAN
DIRECTOR

Copy to :

<p>Guide : DR K SHANMUGA SUNDARA RAJ Assistant Professor Department of English Government Arts and Science College, Kovilpatti Tamil Nadu Thoothukudi, Pincode - 628503 Mobile No. : 8903426664 Email ID : drckssraj@gmail.com</p>	<p>Co-Guide : Dr K HEMA Assistant Professor Department of English Sadakathullah Appa College Tamil Nadu, Thirunelveli Pincode - 627011 Mobile No. : 9486379448 Email ID : hemaselvan11@gmail.com</p>
<p>DC Member 1 : DR KANNA MUTHIAH Assistant Professor & Research Head, Department of English, Sadakathullah Appa College, Tirunelveli</p>	<p>DC Member 2 : DR R JEYASUNDARAJ Associate Professor, Department of English, St. John's College, Tirunelveli</p>
<p>The Principal, Sadakathullah Appa College, Tirunelveli.</p>	

Instructions

- All communication (letter) to this University should be forwarded by Supervisor / Co-Supervisor (wherever applicable)
- Candidates with M.Phil., qualification should earn 8 credits in the following options: 2 course works of 4 credits each (or) one course work of 4 credits and 1 mini project of 4 credits
- Research Centre Fee of Rs. 2400/- (per annum) to be paid to the Research Centre
- Fee of Rs. 5000/- for every sitting of Doctoral Committee meeting should be paid to the University before the conduct of every meeting
- TA / DA payable to the Doctoral Committee member by the Scholar/Supervisor/Co-Supervisor is to and fro II AC Railway fare and sitting fee of Rs. 500/- and refreshment / contingency cost of Rs.500/- (Bills to be submitted) which will be reimbursed on submission of bills.
- You should pay the Research fee of Rs. 12000 /- per annum on or before June 30th of every year till the submission of thesis to the University through Demand Draft drawn in favour of "The Registrar Manonmaniam Sundaranar University", payable at Tirunelveli issued by any nationalised bank or through challan in Indian Bank. M.S University branch or through challan in state bank of India, Power Jothi account to MSU A/c 32723606944.
- For full-time scholars with M.Phil. qualification minimum period of the programme is 2 years and for PG holders 3 years.
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- It is also informed that the entire duration of the Ph.D., Research work is governed by the Ph.D., Regulations of 01.07.2016.
- For Details of functions of Doctoral Committee refer revised Ph.D., Research Guidelines w.e.f 01.07.2016 under the Head Doctoral committee(1.7)

Phone : 0462 - 2333741, 2338721, 9487999692, 9487907000, FAX: 2322973, Website : msuniv.ac.in

http://www.msupayment.in/admission/PhDcounseladmission/print_app.php?RealRegistrationNo=202305



Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	<u>Dr. K. Hema,</u> Assistant Prof. of English, Staff ID : ATENO4
2	Name of the Collaborating Faculty with Designation	:	<u>Dr. D. Nalina Paulin</u> Assistant Prof. of English,
3	Name of the Collaborating Organization	:	St. John's College, Palayamkottai, Tirunelveli
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	<u>DC Member (1 scholar)</u>
6	Period of Collaboration	:	From : 07.02.2018 To: fill date
7	Financial Involvement (if any)	:	—
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty	
Signature of the Faculty		Signature of the Faculty	



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/R1/JANUARY2018

Date : January 10, 2018

Ph.D., Programme Commencement Order

To

SYED ALI FATHIMA R
32 PERINBAM STREET, SAMADHANAPURAM
PALAYAMKOTTAI
Tamil Nadu, Thirunelveli, Pincode - 627002
Mobile No. : 8754301141, Email ID : amihtafas@gmail.com

Sir/Madam,

Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg

Ref: Counseling attended by the candidate.


With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

1. Name of the Scholar : SYED ALI FATHIMA R
2. Registration No. : 18121274012013
3. Discipline : English
4. Gender : Female
5. Social Category (Community) : BCM
6. Nationality : INDIAN
7. PWD Status : Not Applicable
8. Admission Based On : PG
9. Name of the Supervisor : Dr.D.Nalina Palin
10. Name of the Co-Supervisor : NIL
11. Mode : PART TIME INTERNAL
12. Research Centre : St. John's College, Palayamkottai
13. Date of Commencement : 10.01.2018
14. Proposed Title : RESISTANCE TOWARDS IDEOLOGICAL CONSTRUCTION OF
IDENTITY AND DYSTOPIAN STATE OF POWER : A POST-COLONIAL
READING OF THE HUNGER GAMES AND DIVERGENT
15. Doctoral Committee Members Details : 1. B BENESON THILAGAR CHRISTADOSS
ASSOCIATE PROFESSOR / ENGLISH , ST. JOHNS COLLEGE,
PALAYAMKOTTAI-627002
Mobile No. : 9366700261, Email ID :
godisgood1968@gmail.com
2. K HEMA
ASSISTANT PROFESSOR / ENGLISH, SADAKATHULLA APPA
COLLEGE, TIRUNELVELI-627011
Mobile No. : 9486379448, Email ID :
hemaselvan11@gmail.com


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10/1/18
DIRECTOR



DR. K. SENTHAMARAI KANNAN
DIRECTOR

Copy to :

Guide : Dr.D.Nalina Palin ASSOCIATE PROFESSOR, DEPARTMENT OF ENGLISH ST JOHNS COLLEGE Tamil Nadu Thirunelveli, Pincode - 627002 Mobile No. : 9944217195 Email ID : nallinaarulraj@gmail.com	Co-Guide : NIL
DC Member 1 : B BENESON THILAGAR CHRISTADOSS ASSOCIATE PROFESSOR / ENGLISH , ST. JOHNS COLLEGE, PALAYAMKOTTAI-627002	DC Member 2 : K HEMA ASSISTANT PROFESSOR / ENGLISH, SADAKATHULLA APPA COLLEGE, TIRUNELVELI-627011
The Principal, St. John's College, Palayamkottai	

Instructions

- All communication (letter) to this University should be forwarded by Supervisor / Co-Supervisor (wherever applicable)
- Candidates with PG qualification should earn 16 credits in the following option. 4 course works of 4 credits each (or) 3 course works of 4 credits each and 1 mini project of 4 credits
- Research Centre Fee of Rs. 3000/- (per annum) to be paid to the Research Centre
- Fee of Rs. 5000/- for every sitting of Doctoral Committee meeting should be paid to the University before the conduct of every meeting
- TA / DA payable to the Doctoral Committee member by the Scholar/Supervisor/Co-Supervisor is to and fro II AC Railway fare and sitting fee of Rs. 500/- (Bills to be submitted) which will be reimbursed on submission of bills.
- You should pay the Research fee of Rs. 11000 /- per annum on or before January 31st of every year till the submission of thesis to the University through Demand Draft drawn in favour of "The Registrar Manonmaniam Sundaranar University", payable at Tirunelveli issued by any nationalised bank or through challan in Indian Bank, M.S University branch or through challan in state bank of India, Power Jothi account to MSU A/c 6595950914.
- For full-time scholars with M.Phil. qualification minimum period of the programme is 2 years and for PG holders 3 years.
- For part-time scholars with M.Phil. qualification minimum period is 3 years and for PG holders 4 years. The maximum period for all scholars is 6 years.
- It is also informed that the entire duration of the Ph.D., Research work is governed by the Ph.D., Regulations of 01.07.2016.
- For Details of functions of Doctoral Committee refer revised Ph.D., Research Guidelines w.e.f 01.07.2016 under the Head Doctoral committee(1.7)
- First Doctoral Committee meeting should be convened within two week from the date of Registration.



Sadakathullah Appa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	<p style="background-color: yellow;">Dr. K. Iema</p> <p>Assistant Prof. of English</p> <p>Staff ID : ATEND4</p>
2	Name of the Collaborating Faculty with Designation	:	<p style="background-color: yellow;">Dr. P. Premalatha</p> <p>Associate Prof. of English</p>
3	Name of the Collaborating Organization	:	<p>Kumara Guru Swamikal Arts & Science College</p> <p>Srivaikundam, Tirunelveli</p>
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	<p>Research</p>
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	<p style="background-color: yellow;">DC Member of (2 scholars)</p> <p style="background-color: yellow;">Geo Pragatha. E</p> <p>Reg. No: 172240140126</p>
6	Period of Collaboration	:	<p>From : 10.8.2017 To: till date</p>
7	Financial Involvement (if any)	:	—
8	Proof Attached	:	Yes / No
<p style="font-size: 2em; color: green;">✓</p> <p>Signature of Principal</p>		<p style="font-size: 1.5em; color: green;">P. Premalatha</p> <p>Signature of the Collaborating Faculty</p> <p style="font-weight: bold;">DR. P. PREMALATHA</p> <p>HEAD & ASSOCIATE PROFESSOR</p> <p>DEPARTMENT OF ENGLISH</p> <p>SRI KGS ARTS COLLEGE</p> <p>SRIVAIKUNTAM.</p>	
		<p style="font-size: 1.5em; color: green;">Iema</p> <p>Signature of the Faculty</p> <p style="font-weight: bold;">04/02/2022</p>	



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/R1/JUNE2017

Date : August 10, 2017

Ph.D., Programme Commencement Order

To

GEO PRAGATHA E
14-2-25 St Antonys Church Street, Agarakattu
Kadayanallur Taluk
Tamil Nadu, Thirunelveli, Pincode - 627852
Mobile No. : 9360616216, Email ID : remijoe27@gmail.com


Sir/Madam,

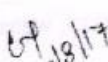
Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg


Ref: Counseling attended by the candidate.

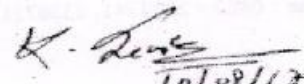
With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

- | | |
|---|---|
| 1. Name of the Scholar | : GEO PRAGATHA E |
| 2. Registration No. | : 17224014012126 |
| 3. Discipline | : English |
| 4. Gender | : Female |
| 5. Social Category (Community) | : BC |
| 6. Nationality | : INDIAN |
| 7. PWD Status | : Not Applicable |
| 8. Admission Based On | : PG |
| 9. Name of the Supervisor | : DR P PREMLATHA |
| 10. Name of the Co-Supervisor | : DR R VASUHI |
| 11. Mode | : PART TIME INTERNAL |
| 12. Research Centre | : Manonmaniam Sundaranar University, Tirunelveli. |
| 13. Date of Commencement | : 10.08.2017 |
| 14. Proposed Title | : RELIGION AND LITERATURE: THE THEME OF TAGORE'S GITANJALI
AS THE REVELATION OF THE RELATION OF LOVE BETWEEN THE
ABSOLUTE AND THE INDIVIDUAL SELF |
| 15. Doctoral Committee
Members Details | : 1. DR SELVI
Associate Professor, Department of English, S.T.C,
Palayamkottai.
Mobile No. : 9443378738, Email ID : selviarum09@yahoo.com
2. DR K HEMA
Assistant Professor, Department of English, Sadakathullah
Appa College, Tirunelveli
Mobile No. : 9486379448, Email ID :
hemaselvan11@gmail.com |


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10/8/17
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10/08/17
DIRECTOR



DR. K. SENTHAMARAI KANNAN
DIRECTOR

Copy to :

Guide : DR P PREMLATHA Associate Professor Department of English Sri KGS Arts College, Srivaikuntam Tamil Nadu Thoothukudi, Pincode - 628619 Mobile No. : 9486777704 Email ID : premlatha68@gmail.com	Co-Guide : DR R VASUHI Assistant Professor Department of English Manonmaniam Sundaranar University Tamil Nadu, Thirunelveli Pincode - 627012 Mobile No. : 8870019491 Email ID : rvasuhi@gmail.com
DC Member 1 : DR SELVI Associate Professor, Department of English, S.T.C, Palayamkottai.	DC Member 2 : DR K HEMA Assistant Professor, Department of English, Sadakathullah Appa College, Tirunelveli
Head of Department, English	

Instructions

- I D C - 21/12/2017
- All communication (letter) to this University should be forwarded by Supervisor / Co-Supervisor (wherever applicable)
 - Candidates with PG qualification should earn 16 credits in the following option. 4 course works of 4 credits each (or) 3 course works of 4 credits each and 1 mini project of 4 credits
 - Fee of Rs. 5000/- for every sitting of Doctoral Committee meeting should be paid to the University before the conduct of every meeting
 - TA / DA payable to the Doctoral Committee member by the Scholar/Supervisor/Co-Supervisor is to and fro II AC Railway fare and sitting fee of Rs. 500/- and refreshment / contingency cost of Rs.500/- (Bills to be submitted) which will be reimbursed on submission of bills.
 - You should pay the Research fee of Rs. 14000 /- per annum on or before June 30th of every year till the submission of thesis to the University through Demand Draft drawn in favour of "The Registrar Manonmaniam Sundaranar University", payable at Tirunelveli issued by any nationalised bank or through challan in Indian Bank. M.S University branch or through challan in state bank of India, Power Jothi account to MSU A/c 32723606944.
 - For full-time scholars with M.Phil. qualification minimum period of the programme is 2 years and for PG holders 3 years.
 - For part-time scholars with M.Phil. qualification minimum period is 3 years and for PG holders 4 years. The maximum period for all scholars is 6 years.
 - It is also informed that the entire duration of the Ph.D., Research work is governed by the Ph.D., Regulations of 01.07.2016.
 - For Details of functions of Doctoral Committee refer revised Ph.D., Research Guidelines w.e.f 01.07.2016 under the Head Doctoral committee(1.7)



3.7.1/ Collaborative Activities/2018-19/ 72

Sadakathullah Appa College (Autonomous)
Rahmath Nagar, Tirunelveli - 627011

1	Name of the Faculty with Designation, Staff ID	:	Dr. K. Hema Assistant Prof. of English Staff ID: ATEN04
2	Name of the Collaborating Faculty with Designation	:	Dr. P. Premalatha Associate Prof. of English
3	Name of the Collaborating Organization	:	Kumara Guru Swamikal Arts & Science College, Srivaikundam, Tirunelveli.
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Student Exchange / Project / Internship / On-the Job Training)	:	Research
5	Nature / Details of Outcome (Guest Lecture / DC member / Co-guide / Project Reports / Other Reports/Publications)	:	DC Member for Karpagavalli.T Reg.No: 17224014012043
6	Period of Collaboration	:	From : To:
7	Financial Involvement (if any)	:	—
8	Proof Attached	:	Yes / No
Signature of Principal		Signature of the Collaborating Faculty Dr. P. Premalatha HEAD & ASSOCIATE PROFESSOR DEPARTMENT OF ENGLISH SRI KGS ARTS COLLEGE SRIVAIKUNTAM.	
		Signature of the Faculty Dr. K. Hema	



MANONMANIAM SUNDARANAR UNIVERSITY
CENTRE FOR RESEARCH
ABISHEKAPATTI, TIRUNELVELI - 627 012, TAMILNADU, INDIA



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/R1/JUNE2017

Date : August 10, 2017

Ph.D., Programme Commencement Order

To

KARPAGAVALLI T
324, George Road
Tamil Nadu, Thoothukudi, Pincode - 628002
Mobile No. : 9487049284, Email ID : karpaga_hari@yahoo.com

Sir/Madam,

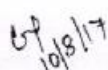
Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg

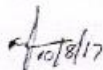
Ref: Counseling attended by the candidate.

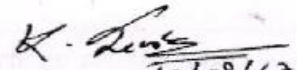
With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

- | | | |
|---|--|------------------|
| 1. Name of the Scholar | : KARPAGAVALLI T | IDC - 21/12/2017 |
| 2. Registration No. | : 17224014012043 | |
| 3. Discipline | : English | |
| 4. Gender | : Female | |
| 5. Social Category (Community) | : BC | |
| 6. Nationality | : Indian | |
| 7. PWD Status | : Not Applicable | |
| 8. Admission Based On | : M.Phil | |
| 9. Name of the Supervisor | : Dr P Premalatha | |
| 10. Name of the Co-Supervisor | : Dr R Vasuhi | |
| 11. Mode | : PART TIME INTERNAL | |
| 12. Research Centre | : Manonmaniam Sundaranar University, Tirunelveli. | |
| 13. Date of Commencement | : 10.08.2017 | |
| 14. Proposed Title | : INTERIOR ODYSSEY- LIFE SUSTAINING MATRIX OF THE
PROTAGONISTS IN THE SELECT NOVELS OF BHARATHI
MUKHERJEE AND NERGIS DALAL | |
| 15. Doctoral Committee
Members Details | : 1. DR JEYASUNDARRAJ
Associate Professor, Department of English, St. Johns College,
Tirunelveli.
Mobile No. : 9994192448, Email ID :
rajjeysundar@gmail.com
2. DR K HEMA
Assistant Professor, Department of English, Sadakathullah
Appa College, Palayamkottai.
Mobile No. : 9486379448, Email ID : NIL | |


10.8.17
ASST


10/8/17
SUPDT


10/8/17
AR


10/08/17
DIRECTOR



MANONMANIAM SUNDARANAR UNIVERSITY

CENTRE FOR RESEARCH

ABISHEKAPATTI, TIRUNELVELI - 627 012, TAMILNADU, INDIA



DR. K. SENTHAMARAI KANNAN
DIRECTOR

Copy to :

Guide : Dr P Premalatha Associate Professor Department of English Sri KGS Arts College, Sri Vaikuntam Tamil Nadu Thoothukudi, Pincode - 628619 Mobile No. : 9486777704 Email ID : premlatha68@gmail.com	Co-Guide : Dr R Vasuhi Assistant Professor and Head ic Department of English Manonmaniam Sundaranar University Tamil Nadu, Thirunelveli Pincode - 627012 Mobile No. : 8870019491 Email ID : rvasuhi@gmail.com
DC Member 1 : DR JEYASUNDARRAJ Associate Professor, Department of English, St. Johns College, Tirunelveli.	DC Member 2 : DR K HEMA Assistant Professor, Department of English, Sadakathullah Appa College, Palayamkottai.
Head of Department, English	

Instructions

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- All communication (letter) to this University should be forwarded by Supervisor / Co-Supervisor (wherever applicable)
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- TA / DA payable to the Doctoral Committee member by the Scholar/Supervisor/Co-Supervisor is to and fro II AC Railway fare and sitting fee of Rs. 500/- and refreshment / contingency cost of Rs.500/- (Bills to be submitted) which will be reimbursed on submission of bills.
- You should pay the Research fee of Rs. 14,000 /- per annum on or before June 30th of every year till the submission of thesis to the University through Demand Draft drawn in favour of "The Registrar Manonmaniam Sundaranar University", payable at Tirunelveli issued by any nationalised bank or through challan in Indian Bank. M.S University branch or through challan in state bank of India, Power Jothi account to MSU A/c 32723606944.
- For full-time scholars with M.Phil. qualification minimum period of the programme is 2 years and for PG holders 3 years.
- For part-time scholars with M.Phil. qualification minimum period is 3 years and for PG holders 4 years. The maximum period for all scholars is 6 years.
- It is also informed that the entire duration of the Ph.D., Research work is governed by the Ph.D., Regulations of 01.07.2016.
- For Details of functions of Doctoral Committee refer revised Ph.D., Research Guidelines w.e.f 01.07.2016 under the Head Doctoral committee(1.7)

Phone : 0462 - 2333741, 2338721, 9487999692, 9487907000, FAX: 2322973, Website : msuniv.ac.in