



கவிப் பொய்கையாக பொலிகையூர் ரேகா

உலகிலேயே மிக நீளமான பாதை, நினைவுப் பாதைதான். அந்த நெடு நீளப்பாதையில் மெய் தீண்டும் சின்னச் சின்ன மலர்களாக....

உயிர் தீண்டும் குழலிசையாக ரேகாவின் இந்த காதல் நினைவுக் குறிப்புகள்.....பூத்தும் இசைத்தும் ஓர் ஏகாந்தத்தைக் கொண்டாடுகின்றன.

பழநி பாரதி

(திரைப்படத்துறைப் பாடலாசிரியர் (இந்தியா))

பொலிகையூர் ரேகா

பொலிகையூர் ரேகா இலக்கியத் தடத்தில் தன் பெயரை நன்கு தடம் பதித்த ஒரு கவிஞர். வீறுகொண்ட ஒரு பெண்ணை ஒத்த உருவத்தை அவரது கவிதைகள் கண்முன் நிறுத்துகின்றன. காலத்தால் அடித்துச் செல்லப்படும் கவிஞர்கள் மத்தியில் எதிர்நீச்சல் போட்டு வாழ்க்கையில் உயர்ந்து நிற்கும் ஒரு பட்டாம்பூச்சியே பொலிகையூர் ரேகா. மனதில் தோன்றும் அன்பென்ற உணர்வுக்கு கவிதைகளால் அலங்கரித்திருக்கும் நூலாசிரியரின் முயற்சிகள் யாவும் வெற்றிபெற மனதார வாழ்த்துகின்றேன்.

வெலிகம ரிம்ஸா முஹம்மத்

பிரதம ஆசிரியர் - பூங்காவனம் கலை இலக்கிய சஞ்சிகை (இலங்கை)

வீச்சான கருத்துகளை மூச்சோடு சொல்லும் இளையோர் வரிசையில் நான் கண்ட திறன்மிகு மங்கை பொலிகையூர் ரேகா. எமது மொழிக்கான கண்ணியத்தைக் காப்பதில் முடிந்தவரை முயன்று பிற மொழிச் சொற்களைத் தவிர்த்து செந்தமிழில் செதுக்குவதில் இவர் சிறந்த முன்னோடி. சமூகமாற்றத்தை நோக்கிய இவரது படைப்புகள் காலப் பதிவுகளாய் நின்று நிலைக்கும் என்பது நிதர்சனம்.

திருமதி பா.ஜயீலா,

இணை ஆசிரியர், ஒளி அரசி, சஞ்சிகை.(இலங்கை)

கதை, கட்டுரை, கவிதை, என பல எழுதிக் குவித்தாலும், அவர்களது கருப் பொருளுக்கும் அவர்களுக்கும், எந்த இடத்திலும் பொருத்தம் இருக்காது. பிறரை நேசி, ஆதரவற்றவர்களை அரவணை, அன்புதான் நிரந்தரம், என கவிதைகள் எழுதலாம். ஆனால் ரேகா போன்ற ஒரு சில படைப்பாளிகளே சொல்வதையே வாழ்வாகவும் வாழ்பவர், என்பதனை சில வருடங்களுக்குள் நான் அறிந்த உண்மையாகும். இவரது முயற்சிகள் வெற்றிபெற வாழ்த்துகள்.

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நினைவுகள் துணையாக...



பொலிகையூர் ரேகா

Scheduling Algorithms in Grid Computing Environment

Nowadays parallel and distributed systems are revolutionized into grid computing systems. Grid computing is a set of dynamic, heterogeneous resources such as processors, sensors, data storage systems, applications and other devices. These resources are globally spread and connected via internet to provide resource sharing. These resources will be owned by different organizations or individuals and are shared by many users who demand faster rate of problem execution in an economical way. A grid is a hardware and software infrastructure that provides dependable, consistent, pervasive and inexpensive access to high end computational capabilities. The main objective of this research study is to schedule a parallel program on the grid system of heterogeneous resources such that the total completion time of the program is minimized and the resource utilization is maximized by balancing the load across resources.



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**Scheduling Algorithms in Grid
Computing Environment**
Scheduling Algorithms

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Design of Algorithms for Data Security in Cloud Environment

Computing becomes novel when the requirements are offered as services similar to the utilities like water, electricity, internet connection etc. which are leased on payment. Cloud computing started the innovation by provisioning the demands of the Information Technology (IT) structure. Apart from IT premises, the ordinary user can also hire the resources by pay-on-demand basis. The users desire to store their large volume of sensitive data in clouds than in the in-house storage without buying the large storage capacity devices. Even though the confidentiality of the data is preserved by the Cloud Service Providers, there is a provision for acquiring the knowledge about the users' data. Thus the chance of securing the data by the users is more than the Cloud Service Providers. The strength of the Cryptographic Security Algorithms basically lie on the keys used. Thus the proposed algorithms and the procedure concentrate on the key management. They are Key Generation Genetic Algorithm (KGGA), Asymmetric Addition Chaining Cryptographic Algorithm (ACCA) and Key Authentication and Authorization Procedure (KAAP). Hence this book offers Key Management tasks to secure user's data in cloud.

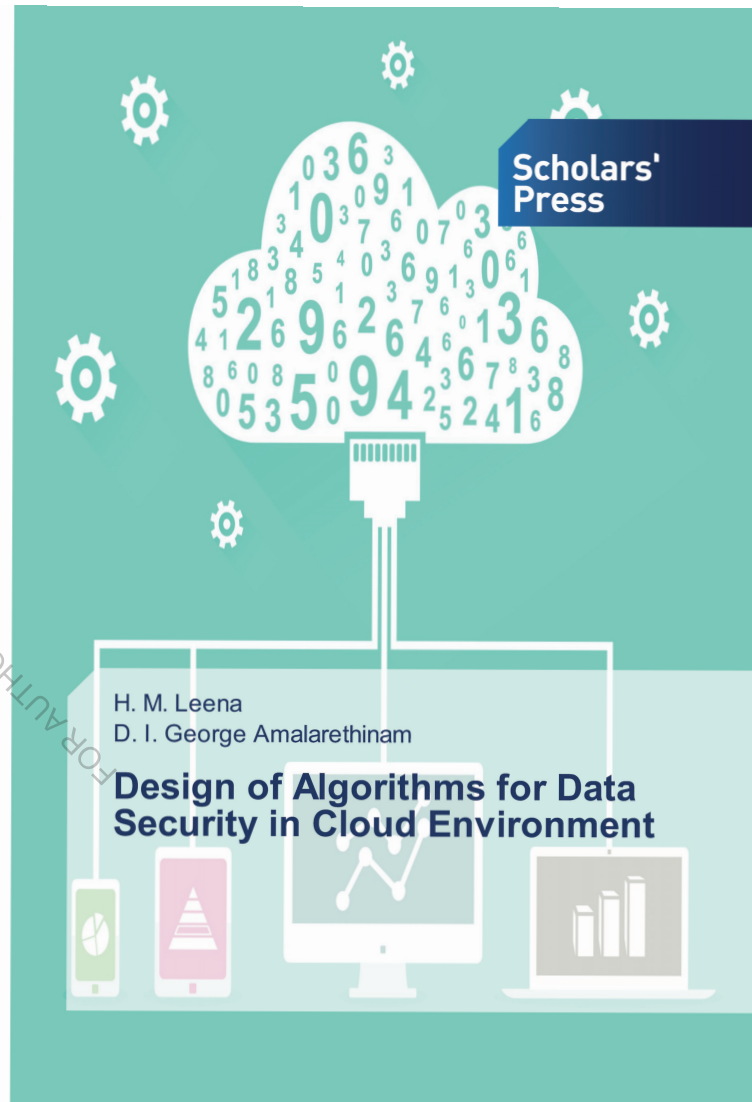
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Design of Algorithms for Data Security in Cloud Environment

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Enhancement of Data Storage Security in Public Cloud Environment

Data Security in Public Cloud

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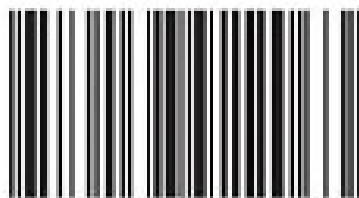
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Enhancement of Data Storage Security in Public Cloud Environment

Cloud is completely the internet dependent technology where client data is stored and maintained in the data centre of a Cloud Service Provider (CSP) like Google, Amazon, Salesforce.com and Microsoft etc. CSP is responsible for maintaining and monitoring the outsourced data. Limited control over the data may incur various security issues and threats which include data leakage, insecure interface, sharing of resources, data availability and inside attacks. The issues start from Security, Availability, Performance, Lack of Standards, Increased Usage Cost, and Struggle in integrating with on-premise IT resources. So many customers do not fully depend on the cloud environment because of their unawareness of the location where their data would be stored, its availability in their need, and data processing by others. For these reasons many of the researchers concentrates on the "Security" aspect of the cloud. Data security can be achieved by the parameters like confidentiality, integrity and availability. This research work fully concentrated on the parameter like confidentiality. In this book, various algorithms have been proposed to enhance the security of data at rest.

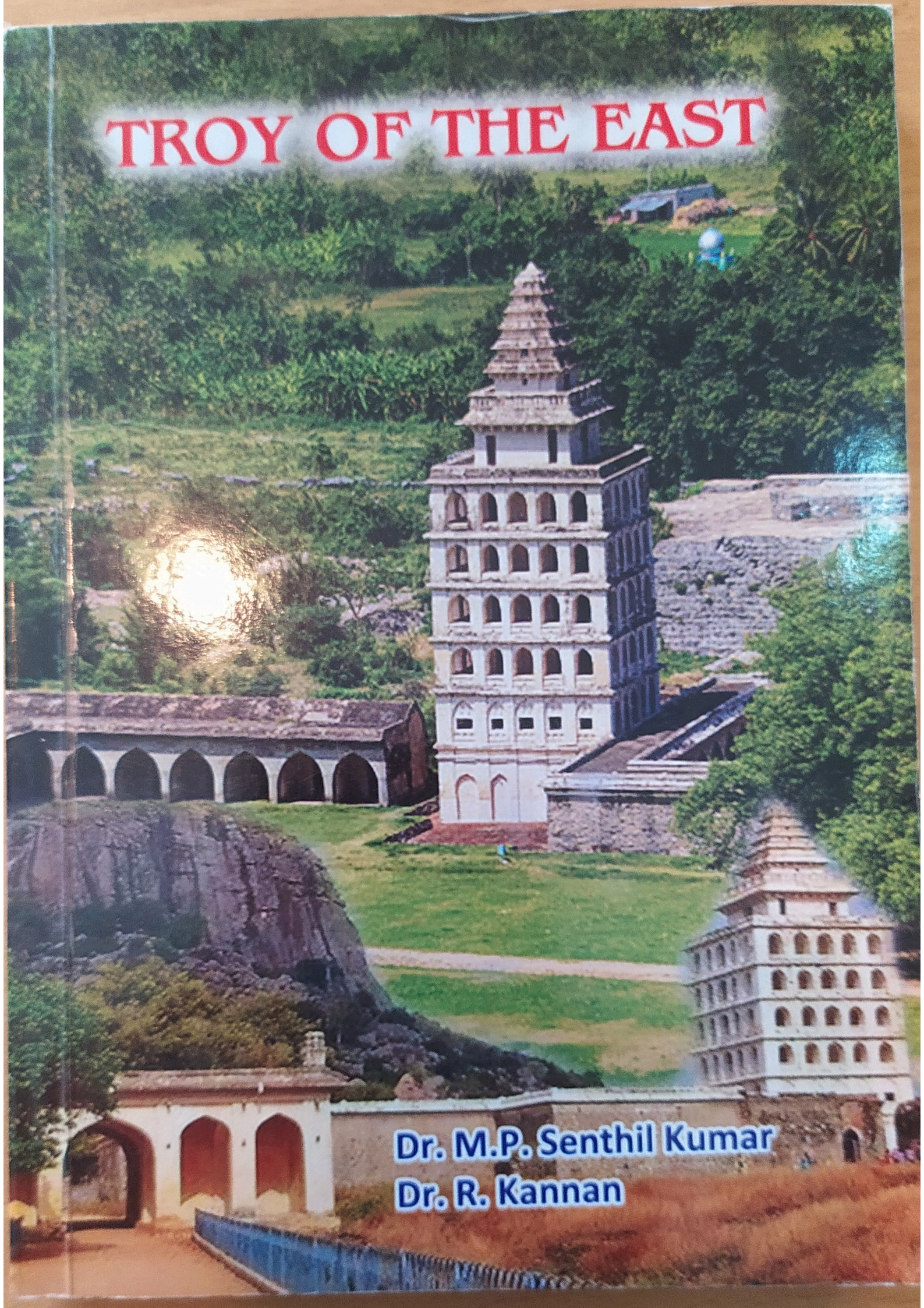
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TROY OF THE EAST



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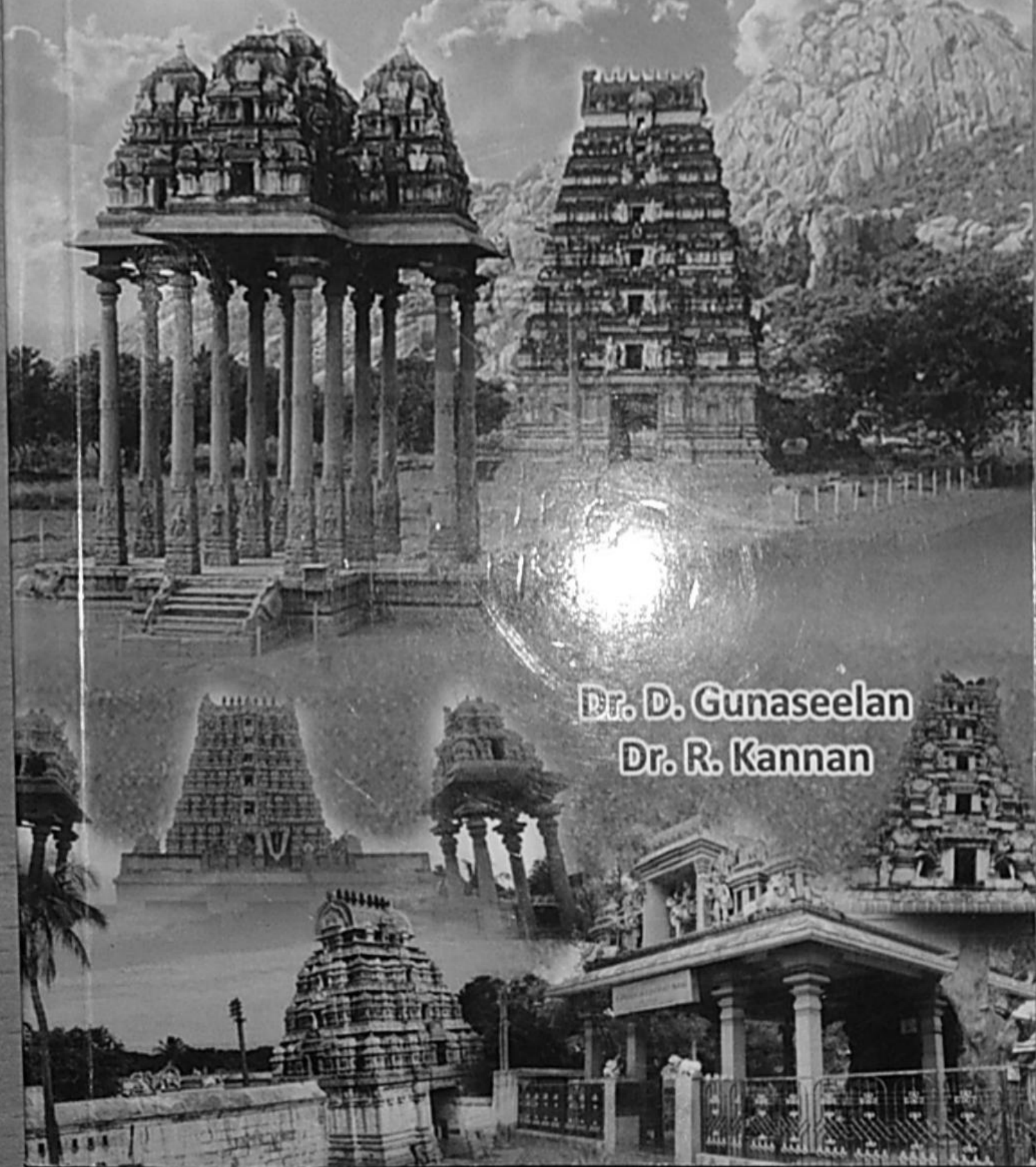
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Mungo Bean



Arumugam Sangeetha and Rangarajan Jagan Mohan

Introduction

In India, most of the people are vegetarian, and they depend on grains and beans. Every human requires a large amount of protein for a healthy life, and the mungo bean is a great source of protein. The mungo bean is also famous as a “Urad Dal” and is mainly used in foods for making dal. The scientific name of the mungo bean is *Vigna mungo* (Avinash and Patil 2018). Mungo [*Vigna mungo* (L.) Hepper; syn. *Phaseolus mungo* L.], which belongs to the family Fabaceae, is one of the most important pulse crops grown in Bangladesh. Mungo bean is an annual food legume that is also grown in Southern Asia such as in India, Pakistan, Bangladesh, Afghanistan, and Myanmar: it is a member of the Asiatic *Vigna* crop group. It is mainly a day-neutral warm season crop commonly grown in semiarid to subhumid lowland tropics and subtropics (Alam 2010). Mungo bean originated in India where it has been in cultivation from ancient times. India is the 15th largest producer and consumer of mungo bean in the world. The most suitable climate to cultivate mungo beans is 27–30 °C with heavy rainfall. This annual crop prefers loamy soil which has a high water preservation capability. The mungo bean grows normally in 90–120 days, and it also enriches the soil with nitrogen (DAC & FW 2015–2016). According to the International Market Research Companies (IMARC) group, the global mungo bean market reached a volume of 2.8 million tons in 2016, growing at a compound and annual growth

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நிறுவனங்கள்



ஜனாப். N.M. காளாமியான் ராவுத்தர்



எனக்கு ஜமால் வெறும் கட்டிடமல்ல
ஒரு ஜீவ ஆலயம்
மனதுக்குள் ஆயிரம் முறை
நான் வணங்கும் திருவரங்கம்
நான் அதன் மடிப்பிள்ளை
அதைவிடப் பெருமை
வேறு எனக்கு இல்லை

– கவிஞர் சிற்பி

சாகித்ய அகாடமி விருதுபெற்ற எழுத்தாளர்
(ஜமால் முகமது கல்லூரி மேனாள் மாணவர்)

இன்று ஆல் போல் தழைத்து உயர்ந்து நிற்கும் நமது கல்வி – கோயிலான ஜமால், சாதாரண மத்தியதர அதனினும் குறைந்த வசதிமிக்கவர்களின்கடும் உழைப்பினால் வரலாறு படைத்தது. எனது இலக்கிய பயணத்தின் உன்னத விதைகள் அங்கேதான் பேராசான்களால் விதைக்கப்பட்டது. 2014-ல் சாகித்ய அகாடமியின் குழந்தைகள் இலக்கியத்திற்கான விருது – பெற்ற அந்த நிகழ்வில் நான் படித்த என் தாய் கல்லூரியான ஜமால் முகமது கல்லூரியின் பெயரை குறிப்பிட்டார்கள். கூடவே அகாடமியின் செயலர் சீனிவாச ராவ் ஜி ஜமால் முகமது கல்லூரியில் பயின்றவர்களில் வழங்கும் மூன்றாவது சாகித்ய அகாடமி விருதாளர் என என்னை குறிப்பிட்டார்.

– முனைவர் ஆயிஷா இரா. நடராசன்,
சாகித்ய அகாடமி விருது பெற்ற எழுத்தாளர்
(ஜமால் முகமது கல்லூரி மேனாள் மாணவர்)



J M C

வெளியீடு :

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வாழ்த்துரை



‘தாலாற்றித் தந்த பொருளெல்லாம் தக்கார்க்கு வேளாண்மை செய்தல் பொருட்டு’ என்ற வள்ளுவரின் வாக்கிற்கு ஏற்ப, இஸ்லாமிய நெறி நின்று தான் ஈட்டிய பொருளை தனது சந்ததியினருக்கு மட்டுமே விட்டுவிடாமல், கல்விச்சாலைகள் மூலம் சமுதாயத்தையும் மேம்படுத்த வேண்டுமென்ற பெரிய நோக்கத்துடன் எங்களது பாட்டனார் மேன்மைமிகு காஜாமியான் ராவுத்தர் அவர்கள் தொலைநோக்குப் பார்வையுடன் 1951-ல் தொடங்கிய ஜமால் முகமது கல்லூரி ஆயிரக்கணக்கானவர்களுக்கு அறிவொளியை ஏற்றி வைத்து அவர்களது குடும்பங்கள் வளமுடன் வாழ வழிவகுத்துள்ளது.

தன்னலம் பாராத இந்தக் கொடையாளர்கள் தனக்குச் சொந்தமான சுமார் 120 ஏக்கர் நிலத்தை கல்லூரி தொடங்க அளித்து, தமிழகத்தின் மற்றுமொரு கொடையாளியான ஹாஜி ஜமால் முகமது சாஹிப் அவர்களின் பெயரை கல்லூரிக்குச் சூட்டி அழகுபார்த்திருப்பது அந்த வள்ளலின் மகுடத்தில் மற்றுமொரு வைரக்கல்.

இன்று 12,000-க்கும் மேற்பட்டவர்கள் உயர்கல்வி பெறுவதற்குக் காரணமாகத் திகழும் வள்ளல்களின் வாழ்க்கை வரலாற்று நிகழ்வுகளைத் தொகுத்து நூலாக வெளியிடுவதில் மிகுந்த மகிழ்ச்சி அடைகிறேன். அனைவரும் படித்து பயன்பெற வேண்டுமென்பது நமது அவா.

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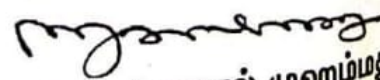
ஹாஜி M.J. ஜமால் முஹம்மது
பொருளாளர்



வாழ்த்துரை

வாழ்ந்தவர் கோடி. ஆனால் மக்கள் மனதில் நிற்பவர்கள் சிலர் மட்டுமே. அந்த வரிசையில் என்றும் மக்களின் மனதில் நிலைபெற்றிருப்பவர்கள் வள்ளல் ஹாஜி ஜமால் முகமது சாஹிப் மற்றும் காஜாமியான் ராவுத்தர் ஆகியோர். ஏழைக்கு எழுத்தறிவித்தல் இறைப்பணியாகும் என்பதற்கேற்ப ஜமால் முகமது அவர்கள் சென்னையில் ஜமாலியா அரபிக் கல்வி நிறுவனத்தைத் தொடங்கி, இஸ்லாமிய கல்வி பலருக்கும் எளிதில் கிடைக்க ஆவனச் செய்தார். தொடர்ந்து தனது நண்பர் வள்ளல் காஜாமியான் ராவுத்தர் அவர்களுடன் இணைந்து ஒரு கல்லூரி தொடங்கும் திட்டம், அவருக்குப்பின் அவரது மகனார் எம்.ஜே.ஜமால் மொகிதின் அவர்களாலேயே நிறைவேற இறையருள் கிட்டியது. 1951-ல் தொடங்கப்பட்ட கல்லூரிக்கு வள்ளல் ஜமால் முகமது அவர்களின் பெயரைச் சூட்டியது பெருமைக்குரியதாகும்.

ஆயிரக்கணக்கானவர்களின் வாழ்வில் ஒளி ஏற்றி வைக்கக் காரணமாக இருக்கும் ஜமால் முகமது கல்லூரியின் நிறுவனர்கள் இருவரது வாழ்க்கை வரலாறு கூறும் இந்த நூலினை வெளியிடுவதில் மிக்க மகிழ்ச்சி அடைகிறோம்.


ஹாஜி M.J. ஜமால் முஹம்மது
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துணைச் செயலாளர்



வாழ்த்துரை

முன்னோர் வரலாறு நிகழ்காலத் தலைமுறையினருக்கு வழிகாட்டியாக அமையும். எங்களது முன்னோர் கொடைவள்ளல் காஜாமியான் ராவுத்தர் அவர்களும், மற்றுமொரு வள்ளலான ஜமால் முகமது சாஹிப் ஆகிய இருபெரும் மனிதர்களின் நற்சிந்தனையில் உதித்ததுதான் இந்த ஜமால் முகமது கல்லூரி. கல்வி, அதிலும் உயர்கல்வி அனைவருக்கும் தடையின்றிக் கிடைக்கவேண்டி தொடங்கப்பட்ட இந்தக் கல்லூரி தனது பணியினை செவ்வனே செய்து வருகிறது.

ஜமால் முகமது கல்லூரி அமைய காரணமான வள்ளல்கள் என்.எம். காஜாமியான் ராவுத்தர் மற்றும் வள்ளல் ஜமால் முகமது சாஹிப் ஆகிய இருவரின் வாழ்க்கை வரலாறு இந்த நூலில் பல கட்டுரைகளாகக் கொடுக்கப்பட்டிருக்கின்றன. வளர்ந்து வரும் தலைமுறையினர் நூலைப் படித்து வள்ளல்களின் அறப்பணியினைப் போற்றுவதோடு அவர்களது அடிச்சுவட்டில் பயணிப்பதும் சமுதாயம் பீடு நடைபோட ஏதுவாகும். இந்த நூலைச் சிறப்பாக ஆக்கிக் கொடுத்திருக்கும் ஆசிரியர் குழுவினரைப் பாராட்டுகிறேன். வையகம் உள்ளவரை வள்ளல்களின் புகழ் வாழ இறையருள் வேண்டுகிறேன். வாழ்த்துக்கள்.

K. Abdus Samad

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துணைச் செயலாளர்



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முனைவர் S. இஸ்மாயில் முகைதீன்
முதல்வர்



வாழ்த்துரை

கல்வி அழிவில்லாத செல்வமாகும். அதனைப் பிறருக்கு அளிப்பது மிகப்பெரிய அறமாகும். வறுமையிலும், அறியாமையிலும் மூழ்கிக்கிடந்த மக்களைத் தட்டி எழுப்ப கல்வி ஒரு சாதனமாகும். கல்வி பரவலாக்கப்படாத காலமது. வசதி படைத்தவர்கள், சமுதாயத்தில் உயர் அந்தஸ்து உடையவர்களுக்கே கல்வி கிடைத்துக் கொண்டிருந்த நிலையைக் கண்டு மக்கள் அனைவரும் சாதிமத பேதமின்றி உயர்கல்வி கற்க வேண்டுமென்ற உயரிய நோக்கத்துடன் இருபெரும் வள்ளல்களான ஹாஜி ஜமால் முகமது சாஹிப் அவர்களும் ஜனாப் காஜாமியான் ராவுத்தர் அவர்களும் ஜமால் முகமது கல்லூரி துவங்க முயன்று 1951-ல் ஆரம்பிக்கப்பட்ட இக்கல்லூரி இன்று சுமார் 12,000 மாணவ மாணவிகளுக்கு தரமான உயர்கல்வி அளித்து வருகிறது.

பெருமைக்குரிய இந்த இருபெரும் வள்ளல்களின் வாழ்க்கை வரலாறு அவர்களுடன் தொடர்பு கொண்டிருந்தவர்களின் நினைவலைகள். இக்கல்லூரியில் பயின்று வாழ்வில் உன்னத நிலையடைந்த பழைய மாணவர்களின் பசுமை நிறைந்த கடந்த காலம் போன்ற அருமையான செய்திகளை உள்ளடக்கிய இந்த நூலினை எமது கல்லூரியின் சார்பாக வெளியிடுவதில் மிகுந்த மகிழ்ச்சி அடைகின்றேன். இனைய தலைமுறையினர் படித்து அறிந்து கொள்ள வேண்டிய நூல். இதனைத் தொகுத்து வழங்கியுள்ள குழுவினருக்குப் பாராட்டுகள்.

முனைவர் S. இஸ்மாயில் முகைதீன்
முதல்வர்

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1	آراء الفلاسفة و الحكمة في شعر امام الشافعي	الدكتور. أي. محمد إسماعيل	عباس بن أبي بكر
2	انباتات في القرآن	الدكتور. عبد الرشيد	قادر محي الدين
3	ذكر الحيوان في ضوء القرآن	الدكتور. عبد الرشيد	صدام بن محمد يونس
4	المظاهر التفاضلية في أشعار لمطاهر التفاضلية في أشعار إيليا أبو ماضي	الأستاذ محمد إسماعيل الحسني	إسحاق ك. بي
5	تاريخ الشعر العربي القديم و مواده - دراسة تحليلية	الدكتور . يم . عبد القادر	أمير م. ك
6	مناجى تدريس اللغة العربية للناطقين بغيرها في سريلانكا مع إشارة خاصة إلى جامعة الفلاح العربية	الدكتور . يم . عبد القادر	ميرا محي الدين بن حسن ظافر
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8	مساهمة أبي الحسن علي الندوي في الأدب العربي الحديث مع إشارة خاصة إلى الصحافة العربية	الدكتور. ح. محبوب علي خان	رافة . بي
9	المرأة في ضوء القرآن والسنة	الدكتور. ح. محبوب علي خان	محمد إنعام الحسن . ح
10	مساهمات زين الدين المخدم الصغير في مجتمع الاسلامي	الدكتور. ح. محبوب علي خان	لقمان الحكيم وي ب سي

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1	IN VITRO STUDIES ON PEDALIUM MUREX L. A VALUABLE MEDICINAL PLANT	M. GHOUSE BASHA	R. VANAJA
2	IN VITRO STUDIES ON ANDROGRAPHIS ECHIOIDES (L.) NEES	Dr. M. GHOUSE BASHA	G. RAJENDRAN
3	OBSERVATION OF POLLEN CELL WALL IN SELECTED SPECIES OF SOLANACEAE	Dr. A. ASLAM	R. CHITHRA
4	PHYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ACTIVITY OF FLOWER OF AZADIRACHTA INDICA L.	Dr. M. KAMARAJ	A. KAMAL
5	ETHNOBOTANICAL STUDIES IN KALVARAYAN HILLS, VILLUPURAM DISTRICT, TAMIL NADU, INDIA	Dr. M. KAMARAJ	S. SIVAMURUGAN

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1.	DENGUE DRUG DESIGNING AND SiO ₂ NANO PARTICLES ASSESSMENT FOR THE SELECTED PLANT COMPOUNDS AGAINST DENGUE VECTOR	Dr. J.SEBASTIN RAJ	B.MAHESWARAN

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Compendium of Pre-Doctoral Dissertations: Chemistry-2019

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2	FLUOROMETRIC DETECTION OF Fe ³⁺ IONS USING CARBON NANODOTS	Dr. M. ANWAR SATHIQ	I. JOHN BRITTO JOSEPH
3	INHIBITION OF CORROSION OF MILD STEEL IN 3.5 % NaCl BY N-(MORPHOLINO(3-NITROPHENYL)METHYL) BENZAMIDE	Dr. M. ANWAR SATHIQ	S. BEGUM BARA
4	INHIBITION OF CORROSION OF MILD STEEL IN 3.5 % NaCl BY N-(MORPHOLINO(3-NITROPHENYL) METHYL)ETHANETHIOMIDE	Dr. M. ANWAR SATHIQ	G. SOUNDARYA
5	PHYSICO - CHEMICAL CHARACTERISTICS OF GROUND WATER AROUND PETTAVAITHALAI AREA, TIRUCHIRAPPALLI DISTRICT, TAMIL NADU	Dr. J. SIRAJUDEEN	A. MAYILVANAN
6	SYNTHESIS, CHARACTERISATION AND DOCKING STUDY OF 2-(4- IODOPHENYL)AZO-4,6- DIACETYLRESORCINOL	Dr. K. LOGANATHAN	R. PATHAGARAMUTHU
7	SYNTHESIS, CHARACTERISATION AND DOCKING STUDY OF 2-(3- NITROPHENYL)AZO-4,6- DIACETYLRESORCINOL	Dr. K. LOGANATHAN	S.DURGA DEVI
8	SYNTHESIS, CHARACTERISATION AND DOCKING STUDY OF 2-(2-ETHYL-6- METHYLPHENYL)AZO-4,6- DIACETYLRESORCINOL	Dr. K. LOGANATHAN	P. MUTHULAKSHMI
9	GREEN SYNTHESIS OF PURE AND Mg DOPED ZnO NANOPARTICLES AND THEIR STRUCTURAL AND OPTICAL PROPERTIES	Dr. A. JAFAR AHAMED	S. ANITHA

10	SYNTHESIS AND CHARACTERISATION OF 2-AMINO-3-CYANO- 7-HYDROXY-4-(SUBSTITUTEDPHENYL)-4H-BENZO[1,2-b]PYRAN	Dr. M. PURUSHOTHAMAN	K. RAMKUMAR
11	SYNTHESIS AND CHARACTERISATION OF 2-AMINO-7-HYDROXY-5-METHYL-4-(SUBSTITUTEDPHENYL)-4H-CHROMENE-3-CARBONITRILE	Dr. M. PURUSHOTHAMAN	K. SARAVANAN
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Compendium of Pre-Doctoral Dissertations: Commerce – 2019

S. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	A Study On Effectiveness Of Online Advertisement In Trichy City	Dr. A. KHALEELUR RAHMAN	A. HARINI
2	A Study On Employees' Training And Development In Billed Rights Health Care Solution Pvt.Ltd In Trichy City	Dr. M. SIRAJUDEEN	B. JARINA BANU

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Compendium of Pre-Doctoral Dissertations : Computer Science -2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	PERFORMANCE ANALYSIS OF DATA CLUSTERING PROBLEM USING HYBRID ANT COLONY OPTIMIZATION AND K-MEANS ALGORITHM	Dr. O.A. MOHAMED JAFAR	G. AHAMED ALI ABDUL KADER
2	RETINAL IMAGE SEGMENTATION IN DIABETIC RETINOPATHY	Dr S. A. JAMEEL	A. LEVINS
3	ACCELERATE THE CLOUD TASK SCHEDULING WITH MIN-MAX ANT SYSTEM	Dr. O.S. ABDUL QADIR	N.DEEPIKA
4	FUZZY LOGIC BASED EDGE DETECTION ON NOISY IMAGE FRAMES IN SURVEILLANCE VIDEO	Dr. S. ABDUL SALEEM	G. VINITHA
5	SENTIMENT ANALYSIS ON FACEBOOK POST USING CLASSIFICATION TECHNIQUES	Dr. K.SYED KOPUSAR NIASI	S. SAFINA BANU
6	HEART DISEASE PREDICTION USING HYBRID K-MEANS++ AND RUS BOOST TREE ENSEMBLE ALGORITHM	Dr. O.A.MOHAMED JAFAR	V. VIJAY
7	PREDICTING THE REASONS FOR STUDENTS FAILURE RATES IN ACADEMIC PERFORMANCE	A. BASHEER AHAMED	J. DHILRAS ROSHINI

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Compendium of Pre-Doctoral Dissertations: Economics 2019

Chapter	Title of Dissertation	Research Supervisor	Research Scholar
1	A STUDY ON CHILD LABOUR WORKING IN FIRE WORKS INDUSTRY AT SIVAKASI TALUK IN VIRUDHUNAGAR DISTRICT	Dr. A.KHAN MOHAMED	P.ALAGARSAMY
2	A STUDY ON THE PROBLEMS OF AGRICULTURAL LABOURERS WITH REFERENCE TO MELANEELITHANALLUR BLOCK, TIRUNELVELI DISTRICT, TAMIL NADU	Dr.J.KHADER SHARIEF	T.H.ALPAL
3	A STUDY ON THE ECONOMIC STATUS OF AGRICULTURAL WOMEN LABOURERS IN BILIYANUR PANCHAYAT, PENNAGARAM TALUK, DHARMAPURI DISTRICT	Dr.J.MOHAMED ZEYAVUDHEEN	P.KANNAN
4	A STUDY ON THE CULTIVATION OF NON FOOD CROPS AND FARMERS' LIVELIHOOD IN VILLUPURAM DISTRICT	Dr. K.N. MOHAMED FAZIL	V.SENGENI
5	A STUDY ON THE INCOME AND NON-INCOME DIMENSIONS OF POVERTY IN THEDAVOOR TOWN PANCHAYAT, GANGAVALLI TALUK, SALEM DISTRICT, TAMIL NADU	DR. J. KHADER SHARIEF	A. SUMATHI
6	A STUDY OF ENTREPRENEURSHIP DEVELOPMENT AMONG WOMEN IN SIVAGANGAI DISTRICT OF TAMIL NADU	Dr.J.MOHAMED ZEYAVUDHEEN	N.PADMAVATHI

7	AN ECONOMIC ANALYSIS OF HEALTH CARE SERVICES IN ATHIPATTI TOWN, ARUPPUKOTTAI BLOCK OF VIRUDHUNAGAR DISTRICT	Dr. A. KHAN MOHAMED	V. RADHA
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Compendium of the Pre-Doctoral Dissertations: English

S. No.	Title of the Dissertation	Research Supervisor	Research Scholar	Month & Year
1	The Quest for the Power in Margaret Atwood's Cat's Eye and Surfacing	Dr. M. Shajahan Sait	A. Juwaharnisha	June 2019
2	Deconstruction Of Patriarchal Society In Anita Nair's <i>Ladies Coupe And Lessons In Forgetting</i>	Dr. Y. Parvas Sharif (PS)	S. Kowsalya	August 2019
3	The Art Of Bildungsroman In Llyod Alexander's Taran Wanderer	Dr. Y. Parvas Sharif (PS)	B. Dhiva	August 2019

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DISSERTATIONS : *History***



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**Tiruchirappalli - 620 020
Tamil Nadu, India**

Compendium of Pre-Doctoral Dissertation: History-2019

S.No	Title of the Dissertation	Research Supervisor	Research Scholar
1.	HINDU TEMPLES OF MADURAI – A HISTORICAL STUDY	Dr. T. UMAR SADIQ	N DEEPA
2.	A STUDY ON ISLAMIC WOMEN EDUCATION IN TAMIL NADU WITH SPECIAL REFERENCE TO TIRUCHIRAPPALLI	Dr.A.AKBAR HUSSAIN	M.FARJANA BEGAM
3.	SELF – RESPECT MOVEMENT IN TAMILNADU WITH SPECIAL REFERENCE TO TIRUCHIRAPALLI	Dr.T.UMAR SADIQ	R.GOMATHI
4.	HISTORICAL MONUMENTS IN PUDUKKOTTAI -A STUDY	Dr.T.UMAR SADIQ	G.INDUJA
5.	A HISTORICAL STUDY ON WOMEN EMPOWERMENT IN TAMIL NADU	Dr.A.AKBAR HUSSAIN	R.ISVARYA
6.	PANCHAYAT RAJ SYSTEM IN TAMIL NADU WITH SPECIAL REFERENCE TO DINDIGUL DISTRICT– A STUDY	Dr.M.MOHAMED TAJDEEN	P.KUMARESAN
7.	WOMEN SELF HELP GROUPS IN TAMIL NADU WITH SPECIAL REFERENCE TO PERAMBALUR DISTRICT – A STUDY	Dr.A.AKBAR HUSSAIN	M.ASUMABI
8.	RELIGIOUS IMPORTANCE OF SRI KAYANIMALESWARER TEMPLE AND SRI KAMANATHEESWARER TEMPLE OF ATTUR TALUK – A STUDY	Dr.A.AKBAR HUSSAIN	P.BALAMURUGAN
9.	A HISTORICAL STUDY ON TOURIST PLACES IN KANCHIPURAM DISTRICT	Dr.M.MOHAMED TAJDEEN	M.PANDIMURUGAN

Part A : Physical, Mathematical & Computer Science

Vol - 1 (Spl) :2019

Issue - 1 : Section(C) - Mathematics

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*Mathematics***



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Compendium of Pre-Doctoral Dissertations : Mathematics -2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	A STUDY ON EDGE DOMINATION AND VERTEX DOMINATION IN FUZZY GRAPH	Dr. S. ISMAIL MOHIDEEN	K. H. HAJJUL FATHIMA
2	A STUDY ON THE MIXED DOMINATIONS IN SOME GRAPHS	MAJOR N. ABDUL ALI	S. M. THANGALAKSHMI
3	ON FUZZY MULTIGROUPS AND FUZZY SUBMULTIGROUPS	Dr. A. SOLAI RAJU	SATHYA .G
4	A STUDY ON FUZZY PS- IDEALS OF PS-ALGEBRA	Dr.A. SOLAI RAJU	R.ARIVANANDAM
5	VARIOUS DOMINATION PARAMETERS OF JUMP GRAPH	Dr. A. SOLAI RAJU	R. VIGNESH
6	A STUDY ON SOME SPECIAL TYPES OF EQUITABLE DOMINATION ON GRAPHS	Dr. R. JAHIR HUSSAIN	M. ABDUL KADER
7	WIENER INDEX OF GRAPHS	Dr. R. JAHIR HUSSAIN	J. JAMILA ANNA SELVI
8	A STUDY ON SOME TYPES OF DOMINATION IN ADVANCE GRAPH THEORY	Dr. A. MOHAMED ISMAYIL	M. KUMAR
9	A STUDY ON SOME SPECIAL TYPES OF NUMERICAL SOLUTION OF BOUNDARY VALUE PROBLEMS	Dr.A. NAGOOR GANI	G. NAVAPPAN
10	A STUDY ON MEAN SUM SQUARE PRIMELABELING	Dr. A. NAGOOR GANI	A. MANJULA
11	A STUDY ON FIXED POINT THEOREMS ON (ϕ, ψ) TYPE MULTI VALUED MAPPINGS IN b-METRIC SPACES	Dr. S. MOHAMED YUSUFF ANSARI	K.MAHESHWARAN
12	A STUDY ON SOME LABELINGS ON SQUARE GRAPH OF COMB AND LADDER	Dr. S. MOHAMED YUSUFF ANSARI	V. SUDHA
13	A STUDY ON INTUITIONISTIC FUZZY CYCLES AND TREES	Dr. M. MOHAMMED JABARULLA	A. SHAHUL HAMEED
14	A STUDY ON ANTI INTUITIONISTIC FUZZY GRAPHS	Dr. M. MOHAMMED JABARULLA	S.S.HEMANILAH
15	A STUDY ON STRONG INTERVAL - VALUED INTUITIONISTIC FUZZY GRAPHS OF SECOND TYPE	Dr. M. MOHAMMED JABARULLA	N. RASHMA SAFRIN
16	A STUDY ON VARIOUS TYPES OF DOMINATIONS IN FUZZY SOFT GRAPHS	Dr. A. PRASANNA	T.C. MUJEEBURAHMAN
17	A STUDY ON NUMERICAL TECHNIQUES FOR SINGULARLY PERTURBED BOUNDARYVALUE PROBLEMS	Dr. A. PRASANNA	B. KARPAGAM
18	SPECTRUM AND ENERGY OF SOME SPECIAL GRAPHS	Dr. P.MURUGANANTHAM	M. MARIA BERNARD RAJA

Part B : Management Studies

Vol - 1 (Spl) :2019

Issue - 1 : Section(A) - Management Studies

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**JARJ: COMPENDIUM OF
PREDOCTORAL
DISSERTATIONS : MBA**



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Tamil Nadu, India

Compendium of Pre-Doctoral Dissertations : MBA -2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	GREEN HUMAN RESOURCE MANAGEMENT PRACTICES IN INFORMATION TECHNOLOGY SECTOR	Dr. U. SYED AKTHARSHA	Y. FAIZA TARNAM
2	A STUDY ON CUSTOMERS' SATISFACTION TOWARDS SUN DTH SERVICE IN TIRUCHIRAPPALLI CITY	Dr. U. SYED AKTHARSHA	C. KASIRAJAN
3	A STUDY ON EMOTIONAL INTELLIGENCE AND ITS IMPACT ON EMPLOYEE LOYALTY AND JOB SATISFACTION IN INFORMATION TECHNOLOGY SECTOR	Dr. U. SYED AKTHARSHA	K. RADHAKRISHNAN

Part A : Life Sciences

Vol - 1 (Spl) :2019

Issue - 1 : Section(C) - Microbiology

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DISSERTATIONS :
*Microbiology***



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COMPENDIUM OF PRE-DOCTORAL DISSERTATIONS : MICROBIOLOGY -2019

S.No	Title of the Dissertation	Research Supervisor	Research Scholar
1.	ISOLATION AND CHARACTERIZATION OF PHOSPHATE SOLUBILIZING BACTERIA FROM RHIZOSPHERE SOIL AND ITS EFFECT ON <i>Abelmoschus esculent</i> PLANT	Dr. N. PACKIALAKSHMI	S.KARTHIKA
2.	EVALUATION OF PROBIOTIC BACTERIA AS ANTIFUNGAL AGENT AGAINST <i>Candida albicans</i>	Dr. N. REEHANA	R. LAVANYA

Part A : Life Sciences

Vol - 1 (Spl) :2019

Issue - 1 : Section(D) - Nutrition & Dietetics

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**JARJ: COMPENDIUM OF
PREDOCTORAL
DISSERTATIONS :
*Nutrition & Dietetics***



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Compendium of Pre-Doctoral Dissertations : Nutrition and Dietetics -2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	BREAST CANCER CELL LINE STUDY ON RUTA GRAVEOLENS AND ORGANELOPTIC EVALUTION OF RUTA GRAVEOLENS INCORPORATED RECIPES	Dr. A. SANGEETHA	G.DEENASRI

Part A : Physical, Mathematical & Computer Science

Vol - 1 (Spl) :2019

Issue - 1 : Section(A) - Physics

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**JARJ: COMPENDIUM OF
PREDOCTORAL
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Compendium of Pre-Doctoral Dissertations : Physics - 2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	BIFURCATIONS, CHAOS AND CONTROL OF CHAOS IN A MURALI-LAKSHMANAN-CHUA CIRCUIT	Dr. A. Ishaq Ahamed	R. Arun
2	Structural, Optical and Antibacterial Properties of SnO ₂ and Ca doped SnO ₂ Nanoparticles Prepared by Microwave Assisted Method	Dr. J. EBENEZAR	N. Anitha
3	Synthesis, Characterization and Antibacterial Properties of SnO ₂ and Sr doped SnO ₂ Nanoparticles Prepared by Microwave Assisted Method	Dr. J. EBENEZAR	T. Christal Suja
4	SPRAY DEPOSITED V ₂ O ₅ THIN FLIM FOR ELECTROCHEMICAL APPLICATION	Dr. C. Hariharan	K. ASIF IQBAL
5	ULTRASOUND BASED MOLECULAR BEHAVIOUR STUDIES ON THE BINARY MIXTURE OF P-XYLENE AND N, N DIMETHYLANILINE AT ROOM TEMPERATURE	Capt. F.Z.Muzzamil	R.KARTHICK
6	SYNTHESIS, STRUCTURAL, OPTICAL AND ANTIBACTERIAL PROPERTIES OF PURE AND NICKEL DOPED TIX OXIDE NANOPARTICLES	Dr. A. S. HAJA HAMEED	K. RAMESH
7	STRUCTURAL AND OPTICAL PROPERTIES OF COBALT DIINDIUM SULFIDE (CoIn ₂ S ₄) NANOPARTICLES SYNTHESIZED BY THE SOLVOTHERMAL METHOD	Mr.A.MOHAMED SALEEM	G.R. SHERLINE JESSICA
8	THEORETICAL STUDIES ON STRUCTURAL, OPTICAL AND THERMAL PROPERTIES OF L- ARGININE PHOSPHATE MONOHYDRATE	Dr. A. S. HAJA HAMEED	J. SHOBANA
9	NEXT TO LEADING ORDER QCD ANALYSIS OF BJORKEN SUM RULE USING STATISTICAL MODEL	Dr. C. Hariharan	K.JANNADUL FIRDOUSE
10	STUDIES ON ELECTRICAL PROPERTIES OF CeO ₂ NANOPARTICLES ON ITO SUBSTRATE THIN FILM	Mr.A.MOHAMED SALEEM	M.PEERPATHU JAILANI
11	STRUCTURAL AND OPTICAL STUDIES OF Sn DOPED TiO ₂ NANOPARTICLE SYNTHESISED BY SOLUTION COMBUSTION METHOD	Mr.A.MOHAMED SALEEM	Y. VIOLET RAMYA
12	A STUDY OF NUCLEON ASSYMETRY USING STATISTICAL MODEL	Dr. C. Hariharan	M. U. ZAMRUTH
13	IMPACT OF COPPER IONS ON STRUCTURAL, OPTICAL AND ANTIBACTERIAL PROPERTIES OF TIX OXIDE NANOPARTICLES PREPARED BY CO-PRECIPITATION METHOD	Dr. A. S. HAJA HAMEED	E. JOHN RAJA

Part A : Arts & Humanities

Vol - 1 (Spl) :2019

Issue - 1 : Section (G) - Social Work

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**JARJ: COMPENDIUM OF
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DISSERTATIONS : *Social Work***



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Tamil Nadu, India**

Compendium of Pre-Doctoral Dissertations : Social Work – 2019

Sl. No.	Title of the Dissertation	Research Supervisor	Research Scholar
1	PSYCHOLOGICAL WELL BEING OF WOMEN POLICE PERSONNEL: A STUDY WITH SPECIAL REFERENCE TO TIRUCHIRAPPALLI DISTRICT	Dr. K. SHEIK FAREETH	V. VINOTHINI

Part A : Arts & Humanities
vol - 1 (Spl) :2019
Issue - 1 : Section (F) - Tamil

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Tamil Nadu, India

Compendium of Pre-Doctoral Dissertations: Tamil -2019

Chapter	Title of Dissertation	Research Supervisor	Research Scholar
1	மழைப்பயணம் சிறுகதையில் கதைமாந்தர் உளவியல்	முனைவர் க. இக்பால்	இரா. அன்பழகன்
2	வெக்கை நாவல் - ஓர் ஆய்வு	முனைவர் மு. சாதிக் பாட்சா	க. கருணாகரன்
3	பூப்பூவா பூத்திருக்கு - நாவல் ஒரு மதிப்பீடு	முனைவர் சு. சாகுல் ஹமீது	சு. விஜயகாந்த்
4	ப.சிங்காரத்தின் கடலுக்கு அப்பால் புலம் பெயர் நாவல் உணர்த்தும் சமூகம்	முனைவர் கு. நாராயணசாமி	ராஜேஷ் கண்ணன்
5	ஜி. மீனாட்சியின் மெல்லத் திறந்தது கதவு - சிறுகதை தொகுப்பு ஒரு ஆய்வு	முனைவர் மு. ஹா. ஜஹானாரா	எம் எஸ் பர்வீன் பானு
6	கலைஞர் மு. கருணாநிதி அவர்களின் கவிதை படைப்பாக்கம் ஆய்வு	முனைவர் மு. சாதிக் பாட்சா	மு. மாலதி
7	ஜானகிராமனின் உயிர்த்தேன் நாவல் - ஒரு ஆய்வு	முனைவர் அ. தவ்ஹீத் ரமீஸ்	வே. மதலை மரியம்மாள்
8	அர்ஷியாவின் கரும்பலகை - ஒரு மதிப்பீடு	முனைவர் ஷே. நாகூர் கனி	சு. ராஜலட்சுமி
9	காஞ்சி ரா. பாலச்சந்திரனின் பணமா? பாசமா? - நாவல் ஓர் ஆய்வு	முனைவர் அ. சையது ஜாஹிர் ஹசன்	ச. சங்கீதா
10	சுப்ரபாரதிமணியனின் ரேகை - ஓர் ஆய்வு	முனைவர் ஷே. நாகூர் கனி	இரா. உமா மகேஸ்வரி

Part A : Life Sciences

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Issue - 1 : Section(E) - Zoology

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Compendium of Pre-Doctoral Dissertations: Zoology :2019

S.No	Title of the Dissertation	Research Supervisor	Research Scholar
1.	STUDIES ON THE POTENTIAL ROLE OF MICROBES IN BIOREMEDIATION OF TANNERY EFFLUENT	Dr. M. ANEEZ MOHAMED	S. ANTHONYAMMAL
2.	EVALUATION OF HYDROBIOLOGICAL PROPERTIES OF TEMPLE PONDS IN TIRUCHIRAPPALLI, TAMILNADU	Dr. R. KRISHNAMOORTHY	V. RADHAKRISHNAN
3	EFFECT OF INSECT GROWTH REGULATING COMPOUNDS 'AZADIRACHTIN' ON OVIPOSITION AND OVIPOSITED ACTIVITY OF A SELECTED THREE VECTOR MOSQUITOES	Dr. P. RAJASEKAR	K. MEGALA
4	A STUDY ON INSECT DIVERSITY IN SELECTED SITES OF MUDIKANDAM VILLAGE, TIRUCHIRAPPALLI DISTRICT.	Dr. SALAHUDEEN	ARULSAMY
5	A STUDY ON DIVERSITY OF BIRDS IN GUNDUR LAKE AND HUMAN HABITATIONS AT TIRUCHIRAPPALLI.	Dr. SALAHUDEEN	TURKADAS

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Part A : Arts & Humanities

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Issue - 1 : Section (A) - Arabic

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DISSERTATIONS : *ARABIC***



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Compendium of the Post Graduate Dissertations: Arabic-2020

S. No.	Title of The Project	Name of The Guide	Name of The Candidate
01	The Flying Horse	Dr.M.Abdul Khadar	A.Abubakkar Siddiq
02	River of Gold	Dr.A.Mohamed Ismail	M.Babu
03	Surat Luqman	A.Humayun Khan,	S.Jafarullah
04	The River of Country'	A.Mohamed Ismail	M.Mohamed Fazil
05	The Kingdom of Justice	Dr.H.Mehboob Ali Khan	M.K.Mohamed Ibrahim
06	Journey on The Water	Dr. A. Abdul Rasheed	M.Mohamed Idrees
07	One Day King	Dr. A. Mohamed Abdul Khader	S.Dhamim Anzar
08	The Ring of Sultan	A. Ahamed Shahul Hameed	Mohamed Jubair
09	Glory of Iqbal	Dr.Abdul Maliq	A.Mohammed Saleem
10	The Big Star	Dr. V. P. Nishadali.	M.Mohamed Arif
11	A Day In The House Of The Messenger of Allaah (Pbuh)	Mr. A. Humayun Khan,	J Satham Hussain
12	The Enchanted Grove	Dr.A. Abdul Rasheed,	Mohamed Zakkaria U
13	The Girl And The Lion	Dr. A.M. Ali Ibrahim,	A. Mohamed Bakkir

Part D : Life Sciences

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Issue - 1 : Section(A) - Botany

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**JARJ: COMPENDIUM OF
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DISSERTATIONS : *Botany***



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Compendium of the post graduate dissertations: M.Sc., Botany (2018-2020)

S. No.	Year	Title of the project	Name of the guide	Name of the candidate
1	2020	A STUDY ON BIODIVERSITY AND INVASIVE PLANT DISSEMINATION - POST FLOOD 2019 AT POTHUKALLU GRAMPANCHAYAT OF NILAMBUR TALUK, KERALA	Dr. M. Kamaraj	UNAISUDHEEN.TP
2	2020	CULTIVATION OF OYSTER MUSHROOM (PLEUROTUS OSTREATUS) BY USING PADDY STRAW WASTE, TRICHY, TAMIL NADU, INDIA	Dr. K. Mohamed Rafi	T. BALAKRISHNAN
3	2020	SURVEY OF ETHNOBOTANICAL PLANTS IN THOTTIYAM, TIRUCHIRAPPALLI, TAMIL NADU, INDIA	Dr. K. Mohamed Rafi	D. ARUN KUMAR
4	2020	CHECKLIST AND SURVEY OF IMPORTANT ETHNO-MEDICINAL PLANTS OF A VARAMPATTI VILLAGE PANCHAYAT LOCATED IN THANJAVUR DISTRICT OF TAMIL NADU, INDIA.	Dr. Ahamed Sherif	P. SATHISH KUMAR
5	2020	SURVEY OF ETHANOMEDICINAL IMPORTANT PLANTS OF THATHAGOUNDAMPATTI VILLAGE, MANAPPARI, TIRUCHIRAPPALLI DISTRICT, TAMIL NADU, INDIA	Dr. Ahamed Sherif	S. Manikandan
6	2020	PLANT DIVERSITY IN JAMAL MOHAMED COLLEGE CAMPUS TIRUCHIRAPPALLI	Dr. Balaguru	P.DEEPANRAJ
7	2020	PRELIMINARY PHYTOCHEMICAL ANALYSIS AND IT'S ANTIBACTERIAL EFFICACY OF <i>PEDALIMUM MUREX</i> L. BY USING DISC DIFFUSION ASSAY	Dr. R. Sathish Kumar	E. Arul Pandiyan
8	2020	PRELIMINARY PHYTOCHEMICAL ANALYSIS AND PLANT MEDIATED SYNTHESIS OF SILVER NANOPARTICLES FROM LEAF EXTRACT OF <i>HEMIDESMUS INDICUS</i> L. AND THEIR ANTIBACTERIAL ACTIVITY.	Dr. R. Sathish Kumar	KRISHNA DOSS. A

Part D : Life Sciences

Vol - 1 (Spl) :2020

Issue - 1 : Section(B) – Bio-Technology

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COMPENDIUM OF THE POST GRADUATE DISSERTATIONS :BIOTECHNOLOGY 2018-2020

S.NO	TITLE OF PROJECT	NAME OF THE GUIDE	NAME OF THE CANDIDATE
1	Reconstruction of draft metabolic network of <i>Methanosarcina mazei</i> type go1 at the Genome-scale.	H.F.SEYED MAFIYA HANIFF	M.BHAVATHARANI
2	Green synthesis of novel pyridine conjugated silver nanoparticles for the evaluation of antimicrobial activity	Dr. Y. ARSIA TARNAM	J.PRAVEENA
3	<i>Agrobacterium rhizogenes</i> mediated hairy root culture production system in <i>Hybanthus enneaspermus</i> (L.) F.Muell	Dr. J. SEBASTINRAJ	M.S.SARANYA
4	Evaluation on the effects of acute intermittent hypoxia on cognition through behavioral assessment in albino wistar rat models	Dr. J. SEBASTINRAJ	M.SHERIN BENAZSIR
5	In vitro Anticlastogenic effect of Fucoidan	Dr. B.NAZEEMA BANU	VIRGINIA LINCY. J
6	Biomedical Applications of chemically synthesized Cerium Oxide Nanoparticles (CeO ₂ NPs)	Dr. T.NARGIS BEGUM	A.SAFFENA BEGUM
7	Metabolic Modelling and Simulation of <i>Clostridium septicum</i> using Systems Biology Approach	Dr.J.SEBASTINRAJ	S.VIGNESWARI

**Part C : Physical, Mathematical & Computer
Science Vol - 1 (Spl) :2020
Issue - 3 : Section(E) - Computer Applications**

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**JARJ: COMPENDIUM OF
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DISSERTATIONS :
*Computer Applications***



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**Tiruchirappalli – 620 020
Tamil Nadu, India**

Compendium of the Post Graduate Dissertations: Computer Applications

2020-Women

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1	RATION SHOP AUTOMATION WITH CONSUMER COMPLAINT MANAGEMENT	Dr. ABDUL KADER NIHAL	J.AROCKYA RESHMA
2	AIR FORCE SECURITY USING FACE VERIFICATION	Dr. ABDUL KADER NIHAL	T.FUJI
3	BOOK RECOMMENDATION USING DATA MINING APPROACH	KAMAL.M	M.KALAIARASI
4	BUG TRACKING AND REPORTING SYSTEM	KAMAL.M	K.KAVIYA
5	DISEASE PREDICTION FOR USER EASY DETECTION AND TOKEN BOOKING	O.S.ABDUL QADIR	K.KAYATHREE
6	ANDROID APPLICATION FOR WOMEN SECURITY SYSTEM	Dr. S. MOHAMED ILIYAS	H. KEERTHANA
7	E-VISITOR TRACKING AND BLOCKING SYSTEM	MOZIBUR RAHEMAN KHAN	K.KIRTHIKA
8	SALT SEGMENTATION PREDICTION ON AGRICULTURE SOIL TESTING	P.SHAIK ABDULLA	R.PAVITHRA
9	WEB APPLICATION TO ENHANCE OUTLOOK EMAIL INTELLIGENCE WITH SENTIMENT ANALYSIS	Dr. S. A. JAMEEL	R. RAAZIA KHATHOON
10	VOICE BASED ONLINE EXAMINATION FOR VISUALLY IMPAIRED	Z. HARITH AHAMED	S. RIZWANA
11	ONLINE BANKING SERVICE USING GRAPHICAL PASSWORD TO AVOID FRADULENTS	K. SYED KOUSAR NIASI	A. SHAJITHA BI
12	SMART SHOPPING USING QR CODE	B.MOHAMED FAIZE BASHA	R.SHIVANI
13	SMART VILLAGE MONITORING SYSTEM	M.JAMAL MOHAMED YASEEN ZUBEIR	S.SIVASANGARI

**Part C : Physical, Mathematical & Computer
Science Vol - 1 (Spl) :2020
Issue - 1 : Section(B) - Chemistry**

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**JARJ: COMPENDIUM OF
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DISSERTATIONS : *Chemistry***



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Tamil Nadu, India**

Compendium of the Post Graduate Dissertations: Chemistry 2019-2020

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1	SYNTHESIS, CHARACTERISATION AND IN VITRO ANTIMICROBIAL STUDIES OF 1, 4-DIHYDROPYRIDINE DERIVATIVES	Dr. M. SYED ALI PADUSHA	B.SELVA KUMAR
2	SYNTHESIS AND CHARACTERISATION OF 2-(3-CHLORO-4-FLUOROPHENYL)AZO-4,6-DIPROPANOYLRESORCINOL	Dr. K. LOGANATHAN	G.PRAGADESH
3	INHIBITION OF CORROSION OF MILD STEEL IN 1.0 M HCl BY EXPIRED METOPROLOL DRUG	Dr. M. ANWAR SATHIQ	Mr. S. SYED ABUTHAKHIR
4	SYNTHESIS AND CHARACTERISATION OF 2-METHOXY-4,9-DIHYDRO-1H-PYRIDO[2,3]INDOLE-3-CARBONITRILE	Dr. M. PURUSHOTHAMAN	M. VIGNESH
5	KINETICS AND MECHANISM OF OXIDATION OF CINNAMIC ACID BY BENZIMIDAZOLIUM DICHROMATE	Dr.S.K.PERIYA SAMY	S.ABDUL RAHMAN
6	KINETICS AND MECHANISM OF OXIDATION OF ACETANILIDE BY BENZIMIDAZOLIUM DICHROMATE	Dr.S.K.PERIYA SAMY	S.MOHAMED THARIK ASLAN
7	PHYTOCHEMICAL, ANTI – MICROBIAL ACTIVITY AND GC-MS STUDIES OF <i>SOLANUM TORVUM</i>	Dr. J. MUNEER AHAMATH	J. MOHAMED AZAAR
8	CITRIC ACID AS CORROSION INHIBITOR FOR MILD STEEL IN SODIUM CHLORIDE AND SIMULATED CONCRETE PORE SOLUTIONS	Dr. S.S SYED ABUTHAHIR	S.ABDUL KALAM ASATH
9	CORROSION INHIBITION EFFECT OF MALIC ACID ON ZINC METAL IN SODIUM CHLORIDE SOLUTION	Dr. S.S SYED ABUTHAHIR	A.MOHAMED UMAR FAROOK
10	Synthesis, characterisation and in-vitro antimicrobial studies of 5-acetyl-1-phenyl-4-(2,4,6-trimethoxyphenyl)-6-methyl-3,4-dihydro pyrimidine-2-one	Dr. M.YASEEN MOWLANA	S.USMAN ALI

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S. No.	Title of the Project	Name of the Guide	Name of the Candidate
1	Design, Spectral And Biological Studies Of Substituted Acetylpyridine Based Chalcones	Dr. A. ASRAR AHAMED	J. ABDULLAH (18PCH026)
2	Synthesis and spectral characterization of 1-(4-methyl-6-thiophen-3-yl-2thioxo-hexahydro-primidin5yl)-ethanone	Dr. F.M. Mashood Ahamed	R. Anantharaman (18PCH027)
3	DESIGN, SPECTRAL AND BIOLOGICAL STUDIES OF ISONIAZIDE SCHIFF BASE	Dr. A. ASRAR AHAMED	B. ARUN BHARATH (18PCH028)
4	Corrosion Inhibition By Naturally Occuring <i>Murraya Koenigii</i> Leaves Extract On Mild Steel In 1.0m H ₂ SO ₄ Solution	Mr. M. VARUSAI MOHAMED	M.DEEPAN (Reg.No.18PCH029)
5	CORROSION RESISTANCE OF Cu/Ni-Ti ALLOY AND SS316 L IN ARTIFICIAL SALIVA IN PRESENCE OF TWO TABLETS	Dr. H. MOHAMED KASIM SHEIT	V. DINESH KUMAR (18PCH030)
6	Synthesis, Characterization of Pure CuO nanoparticles using <i>Calotropis gigantea</i> Leaves Extract	Mr. M. VARUSAI MOHAMED	S.ELANGKUMARAN (Reg.No.18PCH031)
7	Synthesis, Characterisation and Microbial Evaluation of Terpolymeric Polychelate	Dr. N. Mujafarkani	M.Guruprasath (18PCH032)

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S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1	Microwave Assisted Synthesis of Carbon Dots from Natural Precursors	Dr. A. SamsathBegum	A. Madhubala
2	A Novel Synthesis of Carbon Dots Using Microwave Assisted Method	Dr. A. SamsathBegum	S. Sharmila Jancy
3	Green Synthesis of Carbon Dots From Natural Precursors Using Microwave Assisted Method	Dr. A. SamsathBegum	N.Sobiya
4	Synthesis and Characterization of Carbon Dots Using Microwave Assisted Method	Dr. A. SamsathBegum	B.Sowndarya
5	A STUDY ON PHYSICO CHEMICAL ANALYSIS OF GROUND WATER IN AND AROUND LALGUDI AREA, TIRUCHIRAPPALLI DISTRICT, TAMILNADU, INDIA	Mrs. K. Mahmoodah Parveen	M. K. Sugeshini
6	GROUND WATER ANALYSIS USING PHYSIO-CHEMICAL PARAMETERS IN JAYANKONDAM, ARIYALUR DISTRICT	Mrs. K. Mahmoodah Parveen	A. Akshara
7	PHYSICO-CHEMICAL AND HEAVY METAL ANALYSIS OF GROUND WATER POLLUTION IN AND AROUND THURAIYUR TALUK TRICHIRAPALLI DISCRICT	Mrs. K. Mahmoodah Parveen	M. Janani

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1	A STUDY ON CUSTOMER PREFERENCE TOWARDS FOOTWEAR IN TENKASI DISTRICT	Dr. E. MUBARAK ALI	ABDUL RAHMAN. A
2	A STUDY OF FINANCIAL PERFORMANCE ON OIL AND NATURAL GAS CORPORATION LIMITED OF INDIA [ONGC]	Dr. A. KHALEELUR RAHMAN	ABDUL RAVOOF. T
3	A STUDY ON FINANCIAL PERFORMANCE OF STEEL AUTHORITY OF INDIA LIMITED	Dr. M. MARIMUTHU	AKRAM HAMEED. S
4	A STUDY ON CUSTOMER SATISFACTION OF THE AIRTEL SERVICES IN TRICHIRAPPALLI TOWN	Dr. M. SIRAJUDEEN	ARJUNA. K

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1.		Dr. A.M. MOHAMED	P. BHARATHI RAJA
2.	A STUDY ON CUSTOMER SATISFACTION IN MOBILE PHONES WITH SPECIAL REFERENCE	Dr. G.PASUPATHI	T.DHARMARAJ
3.	“A STUDY ON CUSTOMER SATISFACTION TOWARDS ROYALENFIELD	Dr. S. MOHAMED ILIYAS	DINESHKUMAR .M
4.	A STUDY ON PASSENGERS” PERCEPTION ON SERVICE QUALITY OF CALICUT INTERNATIONAL AIRPORT	Dr. S.GOPI	FARHAN BASHEER M K
5.	A STUDY ON CONSUMER PREFERENCE TOWARDS AACHI MASALA PRODUCTS	Dr. S. GANAPATHI	H. NIYAS AHAMED
6.	A STUDY ON ECONOMIC GROWTH OF SMALL SCALE INDUSTRIES IN MANJERI AREA	DR. RADHAKRISHNAN.M	SHAHEER OPK
7.	A STUDY ON CONSUMER PERCEPTION TOWARDS ONLINE SHOPPING IN TIRUCHIRAPPALLI	Dr. A. ANSAR ALI	M.MOHAMED SIRAJIDEEN

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1	A STUDY ON AIR - CARGO EXPORT FROM TIRUCHIRAPPALLI AIRPORT	Hajee.Dr.A.M.MOHAMED SINDHASHA,	P.AMIRUNISHA
2	A COMPARATIVE STUDY OF CONSUMERS' PREFERENCES TOWARDS NESTLE AND CADBURY CHOCOLATES IN TIRUCHIRAPPALLI DISTRICT	Dr. K. HALIMUNNISA	J.J.AYSHA SHIFANA
3	A COMPARATIVE ANALYSIS ON BRAND LOYALTY TOWARDS NIKE AND ADIDAS PRODUCTS	Dr. A.SOPHIA ALPHONSE	A.BARAKATH NISHA
4	A STUDY ON RECRUITMENT AND SELECTION PROCESS OF EMPLOYEES IN DALMIA (BHARAT)CEMENT PRIVATE	Dr. A. MEHATHAB SHERIFF	A.DILVIYA SAHIN
5	A STUDY ON CUSTOMER SATISFACTION OF THE ROYAL ENFIELD IN TRICHY TOWN	Dr. K. INDUMATHI	D.DHIVYA
6	A STUDY ON CONSUMER BEHAVIOUR TOWARDS INSTANT FOOD PRODUCT IN TRICHY CITY	Ms. A. S. MINHAJ BEGUM	S.HARENE
7	A STUDY ON BRAND PREFERENCE OF PORTABLE STORAGE DEVICES WITH SPECIAL REFERENCE TO PEN DRIVE AMONG COLLEGE STUDENTS IN TRICHY TOWN	Mrs. A. NILOFER	K. HARIPRIYA
8	A STUDY ON CUSTOMER SATISFACTION OF AIR CONDITIONERS IN TRICHIRAPPALLI DISTRICT	Mrs . N. SABRIN	S. JABEEN
9	A STUDY ON CUSTOMER BEHAVIOUR TOWARDS ONLINE FOOD DELIVERY APPS WITH SPECIAL REFERENCE IN TIRUCHIRAPPALLI DISTRICT.	Dr. G. PHILOMINE JOAN OF ARC	K. JANANI
10	A STUDY ON CONSUMER BEHAVIOUR TOWARDS LAKME PRODUCT IN TIRUCHIRAPPALLI	M. HAJEERA BEGAM	R. KAMALI
11	A STUDY ON EMPLOYEE JOB SATISFACTION IN AIRTEL COMMUNICATION WITH SPECIAL REFERENCE TO BRANCHES IN TRICHIRAPPALLI CITY	Dr. N.A. NAZRINE	G. KEERTHIKA

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1	EXAM HALL SEATING ARRANGEMENTS	O.S. ABDUL QADIR	A. ABDULLAH
2	WEB BASED PETITION ACQUISITION IN PUBLIC SECTOR (EB, WATER BOARD)	B. MOHAMED FAIZE BASHA	K. MAHESHWARAN
3	DESIGN SMART ELECTRICITY PRICE USING DATA MINING	B. MOHAMED FAIZE BASHA	S. MOHAMED SAMEER
4	SECURE SHARING OF DISTINCTIVE ID IN CLOUD USING ATTRIBUTE BASED ENCRYPTION	A. ABDUL SAMATHU	M. SARAVANAN
5	NOTIFY THE CHARGING STATION OF ELECTRIC VEHICLES THROUGH SMS	A. ABDUL SAMATHU	T. SRIRAM SURATH KUMAR
6	APTITUDE AND INTERVIEW PREPARATION	S. PEER BASHA	A. ASHIPE ALI
7	COLLEGE PLACEMENT PORTAL	S. PEER BASHA	S. SAIFUDEEN

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1.	ELECTRONIC CERTIFICATE SYSTEM	M.ABDULLAH	G.CHITRADEVI
2.	STATE HIGHWAY INFORMATION SYSTEM	Dr. S. ABDUL SALEEM	Y. FARHATH BEGAM
3.	COLLEGE CAMPUS PEDIA	Dr. S. ABDUL SALEEM	P. GAYATHRI
4.	A SEMI – SUPER VISING BASED CLASSIFICATION METHOD To PREDICT THE PRESENCE OF CARDIAC PISEASE	S.SYET IBRAHIM	R.JAYANTHI
5.	RENTAL HOUSE INFORMATION AND BOOKING SYSTEM	A. JAINULABUDEEN	M. JEMIMA SHEEBA
6.	HOSPITAL HUNTING APPLICATION FOR PATIENT	DR. S. MOHAMED ILIYAS	P. KAVI PRIYA
7.	DISCOVERY AND VERIFICATION OF NEIGHBOR POSITIONS IN MOBILE AD HOC NETWORKS	M. KAMAL	N. KIRUTHIGA
8.	ELECTION COMMISSION BOOTH SLIP MANAGEMENT SYSTEM	M. KAMAL	V.MURUGESHWARI
9.	CODETECT: FINANCIAL FRAUD DETECTION WITH ANOMALY FEATURE DETECTION	MOZIBUR RAHEMAN KHAN	B. PAVITHRA
10.	PUBLIC COMPLAINT PORTAL	MOZIBUR RAHEMAN KHAN	M.PONNESWARI
11.	WEB BASED EVENT MANAGEMENT PORTAL	P. SHAIK ABDULLAH	A. PREETHI ANAND
12.	DAY CARE	P. SHAIK ABDULLAH	M.RAJALAXMI MEENATCHI
13.	REMOTE ACCESS OF INDEPENDENT MOBILE RECOVERY	Dr. S. A. JAMEEL	G.RANJANI
14.	FARMER INDUSTRIES CONNECTOR	Dr. S. A. JAMEEL	M. SUJAKUMARI
15.	CLOUD-BASED DIGITAL CERTIFICATE MONITORING AND MANAGEMENT	Z.HARITH AHAMED	S.J.SULTHANA BEGAM

16.	SMART VOTING SYSTEM USING THREE STEP AUTHENTICATIONS	Z.HARITH AHAMED	A.UMMU SALMA
17.	WATERMARK BASED APPROACH FOR IMAGE PRIVACY IN ONLINE SOCIAL NETWORK FRAMEWORK	K.SYED KOUSAR NIASI	M.VANTHANA PRIYADHARSHINI
18.	CIVIL REGISTRY INFORMATION APPLYING PUBLIC	K.SYED KOUSAR NIASI	M.VELLAIAMMAL
19.	CRIME REPORT	DR.K.NAFEES AHAMED	YASMIN. M
20.	FOOD ORDER APPLICATION	DR.K.NAFEES AHAMED	A.DHAHIRA THHASNEEM
21.	AUTOMATED SYSTEM MAINTAINING TRANSACTION STOCK DETAILS FOR INDUSTRIES IN CLOUD TECHNIQUES	B. MOHAMED FAIZE BASHA	K. FARHANTHA
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24.	WEB AUDITING	DR. S. VAAHEETHA KFATHEEN	C.SUGASHINI
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26.	ENHANCED LIBRARY MANAGEMENT SYSTEM	S.PRABAVATHI	S.SHINEYS
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1	SOCIO-ECONOMIC ATTRIBUTES OF TOURISTS AND IMPACTS OF THOSE ON TRAVEL BEHAVIOUR AND TOURING PATTERN IN INDIA WITH SPECIAL REFERENCE TO TIRUCHIRAPPALLI TOWN	Dr. A. J. HAJA MOHIDEEN	A. AHAMED JAKITH
2	ECONOMICS OF MILK PRODUCTION: A CASE STUDY OF RURAL AREA OF KULATHUR TALUK OF PUDUKKOTTAI DISTRICT	Dr. J.KHADER SHARIEF	R.MEGANATHAN
3	A STUDY ON PUBLIC EXPENDITURE OF GOVERNMENT OF KERALA	Dr.D KUMAR	MR.NAJMUDHEEN P
4	TREND ANALYSIS OF PRODUCTION OF AGRICULTURAL COMMODITIES IN INDIA	Dr.A.HIDHAYATHULLA	P.RAMESH
5	A STUDY ON CONSUMER PREFERENCE OF DIFFERENT BRANDS OF SHAMPOO AT NANGAVARAM TOWN PANCHAYAT IN KARUR DISTRICT	Dr. A. KHAN MOHAMED	S. RATCHAKAN
6	A STUDY ON SOCIO - ECONOMIC CONDITIONS OF LABOURERS IN GANDHI MARKET TRICHIRAPPALLI WITH SPECIAL REFERENCE TO VEGETABLE MARKET	Dr. J. MOHAMED ZEYAVUDHEEN	V.SIVAKUMAR
7	ECONOMIC STUDY ON PLIGHT OF EARLY MORNING PART TIME WORKERS IN LIC COLONY, KK NAGAR, TIRUCHIRAPPALLI CITY	Dr. M.R. AJMAL KHAN	A.VIJAY
8	A STUDY ON SATISFACTION LEVEL OF TOURISTS IN CHENNAI	Dr. K.N.MOHAMED FAZIL	J. SAGUL AMEED
9	A STUDY ON THE SOCIO ECONOMIC CONDITIONS OF PEOPLE ENGAGED IN NETWORK MARKETING OF SUPPLEMENTARY FOODS IN TIRUCHIRAPPALLI	M.A . RAJA MOHAMMED	M. PRASANNA

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1	DEVELOPING PROTECH PRODUCT USING ZIZONIDES (VETIVER) FOR HELMET TO REDUCING HEAT AND HAIRFALL	S. MYTHILI	A. AKILANDESHWARI
2	DEVELOP THE GARMENT BY USING NATURAL DYEING AND WEAVING TEXTURE FOR BABY'S GARMENT	S.MYTHILI	S.RUBINI
3	APPLICATION OF HERBS ON COTTON GLOVES USING ANTIBACTERIAL FINISHES TO PREVENT SKIN DISEASES.	C. JENITTA	S. KIRUBAVATHANI
4	APPLICATION OF NATURAL DYEING ON SILK COTTON FABRIC ON USING TECOMA STANS	K.R. THENMOZHI	A. MARY PAPPITHA
5	DEVELOPMENT OF EYE MASK USING CREPE JASMINE AND MINT STEM FOR UNISEX	R. JEEVITHA	K. NANDHINI
6	DEVELOPMENT OF TROUSER BY INCROPRETING ALOE VERA (ALOE BARBADENSIS MILLER) TO REDUCE THIGH IRRITATION	K.R. THENMOZHI	N. POOMANI
7	TO STUDY THE TEENAGER'S SHOPPING BEHAVIOURS TOWARDS ONLINE AND OFFLINE SHOPPING ON READY TO WEAR GARMENT IN TRICHY	K.R. THENMOZHI	S. SIVARANJANI
8	DEVELOPMENT OF PROTECH FOR MOSQUITOE REPLENT USING HERBAL EXTRACT MINT IN BLANKET	R. JEEVITHA	H. MAHMUDHA
9	DEVELOPING TWO IN ONE PRODUCTS USING PAINTING IN HOME TEXTILES	C. JENITTA	K. RUKSHANA AKTHAR
10	A COMPARATIVE STUDIES FOR SILK AND BAMBOO FABRIC BY USING NATURAL DYES (ANNOA SEED AND MADDER ROOT	R. JEEVITHA	R. HANSA BARVEEN
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2	SOCIO ECONOMIC AND CULUTURAL CONDITIONS OF PACHAMALAI-A STUDY	R.VIGNESHKUMAR	DAVID P
3	GREEN REVOLUATION IN INDIA –A HISTORICAL PERSPECTIVE	DR.V.MANIMUTHU	MANICKAM R
4	MAKATAB MADRASAS IN PALLAPATTI, KARUR DISTRICT-A HISTORICAL STUDY	Dr.S.I.A.MUHAMMED YASIR	MANIKANDAN G
5	DR.K RAJENDRA PRASAD- A HISTORICAL STUDY	R.VIGNESHKUMAR	NAVEENKUMAR B
6	MUSLIM THINKERS AND THEIR CONCEPTS OF THE KHILAFAH- A STUDY	Dr.S.I.A.MUHAMMED YASIR	JAMAL MOHAMED S
7	QUEEN VELUNACHIYAR-A BIOGRAPHICAL STUDY	DR.V.MANIMUTHU	AZHAGARSAMY R
8	SOCIO ECONOMIC DEVELOPMENT ARIYALUR DISTRICT THROUGH DEVELOPMENT SCHEMES	R.VIGNESHKUMAR	MEGANATHAN K

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1	TRACEABLE DAILY ACTIVITIES OF STUDENT AND STAFF USING DIGITAL CARD ON CLOUD COMPUTING	S. MOHAMMED IDIRIS	M.GUNASEELAN
2	GPS BASED SECURE AUTOMATED TOLL TAX COLLECTING SYSTEM USING ELETCRONIC CARD	S. MOHAMMED IDIRIS	R. MARISELVAN
3	FUND ALLOCATION AND DISTRIBUTION ON TRUST THROUGH SMS	R. INBARAJ	M. MOHAMED ARIF
4	SEND NOTIFICATION OF THE SEED AND CROP DETAILS BY USING SMS	R. INBARAJ	J. MOHAMED ARIF
5	QR CODE NOISE REMOVING & RECOVERY	A.U. SHABEER AHMED	S. SYED NIYAMATH HUSSAIN
6	SECURE VOTING SYSTEM WITH ENCRYPTED ONE TIME PASSWORD	A.U.SHABEER AHMED	V. SATHIYASEELAN
7	AUTOMATED BILL GENERATED USING CODE DIVISION MULTIPLE ACCESS WIRELESS DEVICE THROUGH MOBILE NETWORK	A. BASHEER AHAMED	R. SAKTHIVEL
8	TOWARDS SECURE AND DEPENDABLE STORAGE SERVICES IN CLOUD COMPUTING	A. BASHEER AHAMED	K.MURALIDHARAN
9	HOSTEL FEE MANAGEMENT SYSTEM	M.SABIBULLAH	P.JEEEVANANDHAM
10	BLOOD BANK MANAGEMENT	M.SABIBULLAH	A.ASRAF ALI

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2	EXCHANGING SECURED DATA IN CLOUD USING FILE CRYPTOGRAPHY AND QUICK RESPONSE OTP	Prof .K .SULTANA	JEEVEETHA . K
3	ANALYSING AND MEASURING OF HEART RATE SIGNAL FROM FACIAL VIDEO USING COMPUTER VISION AND FILTERING APPROACH	Prof .KHAIRUNNISA	JEEVITHA .M
4	SECURED AUTHENTICATION USING IMAGE SHIELD PROTECTION	Prof .KHAIRUNNISA	PUNITHAVATHI .T
5	SMART ATM	Prof. J. FATHIMA FOUZIA	SALMA. M
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S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1.	A STUDY ON DISTANCES IN GRAPHS	DR. A. MOHAMED ISMAYIL	A. AHAMADULLA
2.	A STUDY ON EVEN VERTEX MAGIC TOTAL LABELING OF SPECIAL GRAPH	DR. A. NAGOOR GANI,	N. ARUN
3.	FUZZY CHROMATIC POLYNOMIALS OF FUZZY GRAPHS WITH CRISP AND FUZZY VERTICES USING A-CUTS	DR.P.MURUGANANTHAM	S.GOWTHAM
4.	STUDY AN MATHEMATICAL APPLICATIONS IN CRYPTOGRAPHY	DR. P. MURUGANANTHAM	S. JAMEEL AHAMED
5.	SOME RESULTS ON DIFFERENT TYPES OF PRODUCTS	MR. S. MASOOTHU,	P. V. KARUNA SAGAR
6.	A STUDY ON K-IDEMPOTENT MATRICES, SPECTRAL AND K-SPECTRAL THEORY OF K-IDEMPOTENT MATRICES AND ITS APPLICATION	MAJOR N. ABDUL ALI,	S. KIRUBASANKAR
7.	ISOMORPHISM THEOREMS FOR GROUPOIDS AND SOME APPLICATIONS	DR. P. MURUGANANTHAM	M. MANI
8.	DOMATIC NUMBER OF A BUTTERFLY NETWORK	DR. M. MOHAMMED JABARULLA	R. MANIKANDAN

9.	NEIGHBOURHOOD FUZZY GRAPH AND MATRICES OF A FUZZY GRAPH	MR. S. MASOOTHU,	A. MOHAMED AINUL ALEEM
10.	THE FUNDAMENTAL GROUP ON ALGEBRAIC TOPOLOGY	DR. A. SOLAIRAJU,	S. MOHAMED ANEES
11.	FUZZY ASSIGNMENT PROBLEM WITH GENERALIZED FUZZY NUMBERS	DR. S. MOHAMED YUSUFF ANSARI	M. MOHAMED HARRIS
12.	BIPOLAR FUZZY RELATION AND BIPOLAR FUZZY MATRIX BASED ON BIPOLAR FUZZY ALGEBRA	DR. M. MOHAMED JABARULLA	H. MOHAMED THAYYIB AHAMED
13.	A STUDY ON SOME PRIMAL DUAL THEOREMS IN GRAPH THEORY	DR. A. SOLAIRAJU	MOORTHIL.V
14.	GENERALIZED INTUITIONISTIC TRAPEZOIDAL FUZZY WEIGHTED AVERAGING OPERATOR (GITFWA)	DR. A. PRASANNA,	S. NIRANJAN
15.	A STUDY ON EDGE COLOURING OF SOME GRAPH	DR. A. NAGOOR GANI,	S. NITHISH RAJ
16.	A STUDY ON TRANSPROCAL AND TRANSPROCOSE OF I, J MATRICES	MR. N. MOHAMED THOIYAB,	U. RAJA
17.	STRONG INTERVAL-VALUED NEUTROSOPHIC INTUITIONISTIC FUZZY	DR. S. MOHAMED YUSUFF ANSARI	V. REVANTH
18.	A STUDY ON DUAL GRAPHS	DR. A. PRASANNA	SAMATHTHUVAN R
19.	A PROJECT ON GRAPH THEORY AND ITS APPLICATION	DR. M. MOHAMMED JABARULLA	T. SIVAKUMAR

20.	FUZZY GRAPH STRUCTURES WITH APPLICATION	MAJOR N. ABDUL ALI,	A. SRINATH
21.	A STUDY ON BUSINESS PROBLEM USING CHOQUET INTEGRAL OPERATORS WITH FUZZY NUMBER	DR. A.MOHAMED ISMAYILM	H. SUDHARSAN
22.	A STUDY ON BOUNDS IN CODING THEORY	MR. N. MOHAMED THOYAB,	M. THILAVAR AHAMED
23.	A STUDY ON TRIANGULAR FUZZY MATRIX	MR. S. MASOOTHU,	A.VELMURUGAN
24.	PRIME LABELING OF GRAPHS	DR. R. JAHIR HUSSAIN,	B. VIGNESHKUMAR
25.	A STUDY ON DIFFERENT DOMINATIONS IN GRAPHS AND FUZZY GRAPHS	Dr. A. MOHAMED ISMAYIL	S.VIJAY
26.	REPRESENTATION THEORY OF FINITE GROUPS	Dr. A. SOLAIRAJU	VINOTH. R
27.	A STUDY ON CONSTRUCTIONS OF LINEAR CODES AND CYCLIC CODES	Mr. N. MOHAMED THOYAB,	V.VIJAYARAGAVAN
28.	A STUDY ON ON-VERTEX AND SUPER-VERTEX AND TOTALLY MAGIC LABELLING OF GRAPHS	Dr.A. NAGOOR GANI	S. SURIYAPRAKASH
29.	NANO TOPOLOGY AND IT'S APPLICATION	Dr. S. MOHAMED YUSUFF ANSARI	S. SEYDU MUHAMMED
30.	RADIO ANTIPODAL LABELLING	DR. R. JAHIR HUSSAIN,	M.S. NAVEENKUMAR
31.	FUZZY MATRIX	Dr. A. PRASANNA,	C.HARIPRASATH

**Part C : Physical, Mathematical & Computer
Science Vol - 1 (Spl) :2020
Issue - 2 : Section(C) - Mathematics**

*Jamal Academic Research
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Special Issue

**JARJ: COMPENDIUM OF
POST GRADUATE
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*Mathematics***



Jamal Mohamed College
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Tiruchirappalli – 620 020
Tamil Nadu, India

Compendium of the Graduate Dissertations: Mathematics-SFM 2020

S.No.	Title of the Project	Name of the Mentor	Name of the Mentee
1	A STUDY ON CANONICAL FORM	Dr. D. DHAMODHARAN	C. ARUN KUMAR
2	INTUITIONISTIC FUZZY SUB ALGEBRAS AND INTUITIONISTIC FUZZY K-IDEALS IN INK-ALGEBRAS	Dr. M. MOHAMED ALTHAF	R. GILBERT
3	A STUDY ON FRACTIONAL CALCULUS	Mr. M. SATHIK JASEEN	R. MANIKANDAN
4	NORMAL OPERATORS AND SOME FORMS OF OPERATORS IN INNER PRODUCT SPACE	Dr. D. DHAMODHARAN	M. MOHANA PIRIYAN
5	A STUDY ON FUZZY LINEAR OPERATOR ON VECTOR SPACES OF FUZZY MATRICES	Dr. V. KRISHNAN	V.ROBERTFERNANDAS
6	STAR COLORING OF MIDDLE GRAPH OF SOME GRAPH	Mr. M.MOHAMED ALTHAF	M. SANJEEVKUMAR

7	A STUDY ON DECISIONMAKING USINGTHREEDIFFERENTMETHOD	Dr.V.KRISHNAN	K.VASANTH
8	A STUDY ON A SUPER EDGE BIMAGIC LABELLING ON WHEEL AND FIRECRACKER GRAPHS	Mr. T. SHIEK PAREETH	P.VIGNESH
9	GRACEFUL LABELING OF SOME GRAPHS	Mr. T. SHIEK PAREETH	M.AZHAGURAJ
10	A STUDY ON TRIANGULAR FUZZY MATRIX	Dr. V. KRISHNAN	R.RAJKUMAR
11	A STUDY ON OPERATION OF THE FUZZY CLASSIFIER	Mr. M. SATHIK JASEEN	S. SARAVANAN

**Part C : Physical, Mathematical & Computer
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**Tiruchirappalli – 620 020
Tamil Nadu, India**

Compendium of the Post Graduate Dissertations: Mathematics 2020

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1	A STUDY ON DOUBLE LAYERED COMPLETE FUZZY GRAPH AND TRIPLE LAYERED COMPLETE FUZZY GRAPH	B.SHAFINA BANU	R.AKALYAA
2	A STUDY ON FIXED POINT RESULTS IN MV METRIC SPACE	C.VIJAYALAKSHMI	M.ANANTHI
3	A STUDY ON COLORING OF FUZZY GRAPH	M.AFFROSE BEGUM	P. ANITHA
4	A STUDY ON INTUITIONISTIC FUZZY SOFT MATRIX	J. SARTHAJ BANU	M. ANSARABEGAM
5	A STUDY ON VERTEX ORDER COLOURING	B. SHAFINA BANU	A.ASHIKA AFRIN
6	A STUDY ON CONTRACTION MAPPING PRINCIPLE WITHGENERALIZED ALTERING DISTANCE FUNCTION IN ORDERED METRIC SPACES AND APPLICATIONS TO ODE	C.VIJAYALAKSHMI	A.S.DHANYA
7	ON THE FUNDAMENTAL THEOREM OF (P,Q)-CALCULUS AND SOME (P,Q)-TAYLOR FORMULAS	C.VIJAYALAKSHMI	C.S.DHARANYAA SHRI
8	A STUDY ON CERTAIN TYPES OF REGULAR FUZZY GRAPHS	A.THAGASIN BANU	M.FATHIMA ASHRA
9	A STUDY ON LABELING TECHNIQUES OF SOME SPECIAL GRAPHS	Z.SIRAJUNISHA	L.FATHIMA
10	A STUDY ON FUZZY CHROMATIC POLYNOMIAL OF FUZZY GRAPHS WITH CRISP AND FUZZY VERTICES USING A-CUTS	A. NAFIUNISHA	K. FEMINA

11	A STUDY ON OPERATIONS ON FUZZY GRAPHS	U.ABUTHAHIR	S.FIRTHOSE
12	A STUDY ON CYCLIC CONNECTIVITY IN FUZZY GRAPHS	S. SHAJITHA BEGUM	M.GEETHANJALI
13	A STUDY ON VERTEX COLORING OF A FUZZY GRAPH USING ALPHA CUT	M.S. AFYA FARHANA	S. GOWSALYA
14	A STUDY ON FUZZY LABELING GRAPHS	M.AFFROSE BEGUM	P.HARINI
15	A STUDY ON ODD AND EVEN VERTEX MAGIC TOTAL LABELING OF GRAPHS IN GRAPH THEORY	H. SHEIK MUJIBUR RAHMAN	A. HASEENA BEGUM
16	A STUDY ON TOTAL CHROMATIC NUMBER OF SOME SPECIAL GRAPHS	H. SHEIK MUJIBUR RAHMAN	A. JAMILA BEGAM
17	A STUDY ON NON-LINEAR PROGRAMMING PROBLEM	S.SHARMILA BANU	V.KALPANA
18	A STUDY ON SOLVING FUZZY TRANSPORTATION PROBLEM USING RANKING METHOD	S.SHARMILA BANU	S.KAREEMUNEESHA BEGAM
19	A STUDY ON HARMONIOUS GRAPHS	U.ABUTHAHIR	K.KARISHMA BANU
20	A STUDY ON FUZZY MATRICES IN MEDICINE AND IN MEDICAL DIAGNOSIS AND DECISION MAKING	S.HAIRUNBEE	R.S.MANIMEGALAI
21	A STUDY ON VARIOUS TYPES OF ASSIGNMENT PROBLEM	S. SHARMILA BANU	E. MERLINE
22	A STUDY ON CERTAIN TYPES OF M-POLAR FUZZY GRAPHS	A.THAGASIN BANU	M.NASEEMA BANU
23	A STUDY ON DOMINATION OF ANTI FUZZY GRAPH AND ITS APPLICATIONS	S.HAIRUNBEE	S.NASRIN BANU

24	COLOURING OF A-CUT USING COMPLEMENT FUZZY GRAPH	S. SHAJITHA BEGUM	S. J. NOWSHATH BEGAM
25	A STUDY ON SAFE 3- COLORING OF GRAPHS	Z. SIRAJUNISHA	M. PARVEEN BANU
26	A STUDY ON FUZZY BI- MAGIC LABELING ON CYCLE AND STAR GRAPH	S. SHAJITHA BEGUM	A. PAVITHRA
27	A STUDY ON OPTIMAL SOLUTION FOR TRANSPORTATION PROBLEM USING DFS AND DFMD METHODS	U. ABUTHAHIR	S.PRIYADHARSINI
28	TOTALLY MAGIC INJECTIONS OF GRAPHS	J.SARTHAJ BANU	S.RENGANAYAKI
29	A STUDY ON INTUITIONISTIC FUZZY SETS AND ITS REAL LIFE APPLICATIONS	S. HAIRUNBEE	V. RENISHA BEGUM
30	A STUDY ON FUZZY DERIVATIONS OF SEMIRINGS	Z. SIRAJUNISHA	M.RESHMA BANU
31	A STUDY ON PRIME LABELING OF SOME SPECIAL GRAPHS	H. SHEIK MUJIBUR RAHMAN	S. RIHANA BANU
32	A STUDY ON STRONG CHROMATIC NUMBER OF FUZZY GRAPH	M. S. AFYA FARHANA	S. SABEEHA SHEERIN
33	A STUDY ON SOME RESULTS OF FIXED POINT THEOREMS IN FUZZY METRIC SPACE	B.SHAFINA BANU	M.SAMINABAGAM
34	A STUDY ON FUZZY SOFT BI- PARTITE GRAPH AND ITS APPLICATIONS	S. SHAJITHA BEGUM	A.SANTHANA KUMARI
35	A STUDY ON CHROMATIC NUMBER OF FUZZY GRAPHS	M.S.AFYA FARHANA	B.SATHIYA PRIYA
36	A STUDY ON ANTI- HOMOMORPHISM IN FUZZY ALGEBRA	A.FATHIMA BEGAM	E.SATHIYA PRIYA

Compendium of the Post Graduate Dissertations: Mathematics 2020

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1	A STUDY ON ASSIGNMENT PROBLEM USING MAXIMIZATION METHOD	M.S.AFYA FARHANA	T.SELVAPRIYA
2	A STUDY ON VARIOUS TYPES OF TRANSPORTATION PROBLEM	S. SHARMILA BANU	A.SHAHEENA
3	BANACH ALGEBRA	A.FATHIMA BEGAM	I.SHAMEEM BANU
4	A STUDY ON FUZZY SOFT GRAPH AND IT'S COMPLEMENT	A. THAGASIN BANU	S. SUBHA
5	A STUDY ON TRANSPORTATION PROBLEM WITH VARIOUS MEAN TECHNIQUES	U.ABUTHAHIR	M.SUMATHI
6	A STUDY ON INTUITIONISTIC FUZZY GRAPH	M. AFFROSE BEGUM	S.SYED ALI FATHIMA
7	A STUDY ON GENERALIZED IDEMPOTENT FUZZY MATRICES	K.S.KANZUL FATHIMA	G.VALARMATHI
8	A STUDY ON SOME CONTRIBUTIONS IN TOPOLOGIZED GRAPH THEORY	H. SHEIK MUJIBUR RAHMAN	N. VINOETHINI
9	A STUDY ON ANTIMAGIC LABELING AND GRACEFUL LABELING OF FUZZY GRAPHS	K.S. KANZUL FATHIMA	A.YASMIN
10	A STUDY ON DOMINATION IN GRAPHS	K.S.KANZUL FATHIMA	R.VARISHINI
11	A STUDY ON FUZZY GRAPH STRUCTURE	A. REIGANA BEGUM	S. SARANYA
12	A STUDY ON EVEN VERTEX AND EVEN EDGE MAGIC TOTAL LABELING OF SOME 2-REGULAR GRAPHS	A.NAFIUNISHA	B.KOPERUNDEVI

13	A STUDY ON FUZZY MATRIX SOLUTION FOR STUDENTS AND TEACHERS EVALUATION	A.FATHIMA BEGAM	R.NITHYA
14	SOME NEW KINDS OF CONNECTED DOMINATION IN FUZZY GRAPHS	A.NAFIUNISHA	M.KOWSALYA
15	A STUDY ON APPLICATION OF STABILITY OF FUZZY HYPERGRAPHS IN MEDICAL FIELD	A.REIGANA BEGUM	K.SINDHU
16	A STUDY ON FUZZY DIVISOR CORDIAL GRAPH	A. REIGANA BEGUM	S. JEEVIYA
17	A STUDY ON FUZZY COGNITIVE MAP AND NEUTROSOPHIC COGNITIVE MAP	J. SARTHAJ BANU	J. SHIFA UNNISHA
18	A STUDY ON DISTANCE COPRIME GRAPH	A.NAFIUNISHA	I.SUBAYALINI

Part D : Life Sciences

Vol - 1 (Spl) :2020

Issue - 1 : Section(C) – Microbiology

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MICROBIOLOGY**



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Tiruchirappalli – 620 020
Tamil Nadu, India

Compendium of the Post Graduate Dissertations: MICROBIOLOGY
2019-2020

S.No .	Title of the Project	Name of the Guide	Name of the Candidate
1.	RECONSTRUCTION OF DRAFT METABOLIC NETWORK OF <i>CLOSTRIDIUM BOTULINUM</i> TYPE A1 AT THE GENOME –SCALE	DR.N.PACKIALAKSHMI	AHAMED ALI. A
2.	DIVERSITY OF PLASTIC DEGRADING FUNGI ISOLATED FROM THE SOIL OF MANGALAVANUMBIRD SANCTUARY AND PUTHUVYPE MANGROVE ECOSYSTEMS.	DR.N.PACKIALAKSHMI	JIYAD. K.S
3.	STUDIES ON THE BIODEGRADATIONS POTENTIAL OF <i>ENTEROBACTERIACEAE LUDWIGII</i> ON FIPRONIL.	DR.P.SIVALINGAM	MOHAMED MASUOOD ALI. M
4.	PRODUCTION OF BIOFERTILIZER FROM WHEY WATER.	DR.N.REEHANA	MOHAMED ASAN .A
5.	STUDIES ON PROBIOTIC EFFICIENCY OF <i>LACTOBACILLUS SP.</i> ISOLATED FORM CRUD	K.VIJAYALAKSHMI	SELVAKUMAR. S
6.	STUDIES ON THE EFFECT OF CULTURE CONDITION ON BIODEGRADATION OF FIPRONIL BY <i>MICOBACTERIUM PARAOXIDANS</i> .	A.FASILABEGUM	TAMILMURASU. P
7.	BIO-OIL AND BIO-CHARCOAL EXTRACTION FROM SEAWEED BY HYDROTHERMAL LIQUEFACTION METHOD.	K.VIJAYALAKSHMI	ARUN FRANCIS. M
8.	IMPACT OF TEXTILE MILL SLUDGE ON GROWTH AND REPRODUCTION PERFORMANCE OF <i>EISENIA FETIDA</i> WITH COMBINATION OF FLOWER WASTE.	DR. M. MOHAMED MAHROOP RAJA	PRATEESH. K
9.	STUDIES ON SULPHATE REDUCING BACTERIA AND ITS BIOMINING EFFICIENCY ON PYRITE.	DR.N.PACKIALAKSHMI	AATHIL ABDULLAH.Y.S.
10.	METABOLIC MODELLING AND STIMULATION OF <i>METHANOBACTERIUM CONGOLENSIS</i> USING SYSTEM BIOLOGY APPROCH.	DR.M. MOHAMED MAHROOP RAJA	MOHAMED MOHIBULLAH. M
11.	BIOMIMETIC OF SILVER NANOPARTICLES BY <i>TURBINARIA ORNATA</i> SEAWEEDS AND ITS ANTI-UIROPATHOGENIC ACTIVITY.	Dr.P.SIVALINGAM	AMAL.A

12.	ENHANCED VERMICOMPOSTING FOR COMBINATION OF TEXTILE MILL SLUDGE THROUGH SUBSEQUENT TREATMENT WITH MICROORGANISMS.	Dr.H.VAJIHA BANU	ANITHA.S
13	A STUDY OF EXTENDED SPECTRUM B-LACTAMASE (ESBL) PRODUCING BACTERIA FROM CLINICAL ISOLATES.	K.VIJAYALAKSHMI	AZEEMA BEGAM. H
14.	STUDY ON THE ANALYSIS OF PHYSICOCHEMICAL PARAMETER, HEAVY METAL AND MICROBIAL DIVERSITY OF WATER SAMPLES FROM UYYAKONDAN CANAL.	K.VIJAYALAKSHMI	DHANUSHA.R
15.	PHYTOREMEDIATION OF TEXTILE AND TANNERY EFFLUENTS USING MICROALGAE AND ITS BIOFUEL PRODUCTION.	A.FASILABEGUM	ISRATH FATHIMA. Z.H
16.	EVALUTION OF GUT MICROBES AND VOLATILE PROFILE IN VARIOUS STAGES RAT OESTROUS CYCLE	Dr.M.MOHAMED MAHROOP RAJA	JAYAPRIYA.K
17.	EVALUATION OF HEAVY METAL TOLERANT BACTERIA AND THEIR ROLE IN BIOREMEDIATION.	K.VIJAYALAKSHMI	JAYASHREE.S
18.	ASSESSMENT OF <i>KLEBSIELLA PNEUMONIA</i> BIOFILM FORMATION ON DIFFERENT SURFACES AND ITS AMNIOTIC SENSITIVE PATTERNS.	Dr.H.VAJIHA BANU	KALAIMANI.S
19.	ISOLATION AND IDENTIFICATION OF PROBIOTIC BACTERIA FROM BRACKISH WATER IN BUCKINGHAM CANAL, CHENNAI.	Dr.H.VAJIHA BANU	MAKKATH NABILA.T
20.	GREEN SYNTHESIS AND CHARACTERIZATION OF MGO NANOCRYSTALS: EFFECTIVE ANTIMICROBIAL AND SEED GERMINATING AGENTS	Dr.P.SIVALINGAM	MARWA.K
21.	LOPHOPHORA VARIGATA FOR THE INVITRO GROWTH ASSAY OF <i>RHIZOBIUM</i> SP.	Dr.N.REEHANA	MUHILESWARI. K
22.	<i>LAWSONIA INERMIS</i> (HENNA) LEAF EXTRACTS AGAINST HUMAN AND FISH PATHOGENS.	Dr.P.SIVALINGAM	SYEDALI FATHIMA.S
23.	BIOACTIVE COMPOUND EXTRACT FROM <i>SARGASSUM CRISTAEOFOLIUM</i> AGAINST HELA CELLS.	Dr.M.MOHAMED MAHROOP RAJA	VASANTHA NILA.P
24.	TO IDENTIFY THE OXIDATIVE STRESS RESPONSES IN THE EARTHWORM <i>EISENIA FETIDA</i> EXPOSURE TO TEXTILE MILL SLUDGE VERMICOMPOSTING.	Dr.N.REEHANA	SAFIN MELCICA.A
25.	ISOLATION AND ANTIBACTERIAL ACTIVITY OF EXTREMOZYMES FROM MARINE SEDIMENT AND ITS BIOMEDICAL APPLICATION.	Dr.H.VAJIHA BANU	RAVINDRA.V

26.	ESTIMATION OF BIOFILM FORMATION IN <i>PSEUDOMONAS AERUGINOSA</i> ON DIFFERENT SURFACES.	Dr.N.REEHANA	AYISHAMARIYAM.M
27.	ISOLATION AND CHARACTERIZATION OF <i>VIBRIO CHOLERAE</i> FROM SEAFOODS.	Dr.N.PACKIALAKSHMI	KIRUTHIKA.R
28.	SCREENING AND CONFIRMATION OF <i>VIBRIO</i> SPECIES FROM SEA FOODS.	Dr.H.VAJIHA BANU	PAVITHRA.R
29.	BIOELECTRICITY PRODUCTION FROM DAIRY WASTEWATER USING MICROBIAL FUEL CELL: EFFECT OF PURE AND MIXED ALGAL CATHODE.	Dr.N.REEHANA	GAYATHRI.R
30.	STUDIES ON PHOTOPROTECTIVE COMPOUNDS IN SELECTED MARINE CYANOBACTERIA.	Dr.N.PACKIALAKSHMI	SHARMILA BANU.M

Part D : Life Sciences

Vol - 1 (Spl) :2020

Issue - 1 : Section(D) – Nutrition & Dietetics

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Tiruchirappalli – 620 020

Tamil Nadu, India

COMPENDIUM OF POST GRADUATE DISSERTATIONS

NUTRITION AND DIETETICS

S.No	Title of the Project	Name of the Guide	Name of the Candidate
1.	Assess The Nutritional Status And Lifestyle Pattern Among Women Assistant Professors And To Impart Nutritional Education To The Obese From The Selected Samples	A.Yasmin Fathimaa,	M.Jannthul Firdhosea
2.	Effect Of Fennel Seed (Foeniculum Vulgare) On Menstrual Syndrome	J.Harine Sargunam	T.Jegatha Priya
3.	“Development And Utilization Of Groundnut Oil Cake Flour Incorporated Products For Protein Energy Malnutrition”	A. Yasmin Fatimaa	A. Jesiya Banu
4.	Processing And Acceptability Of Cinnamon Powder Incorporated Beverage	J.Harine Sargunam	P. Mahalakshmi
5.	“Development And Sensory Evaluation Of Recipes Incorporated With Sprouted Black Cumin Seed (Nigella Sativa) Powder”	R.R.Sangeetha	A.L.Pooja
6.	“Development And Sensory Evaluation Of Dried Indian Jujube (Ziziphus Jujuba) Powder Incorporated Recipes”	R.R.Sangeetha	S.Priyanga
7.	Formulation Of Refreshing Beverages By Using Fresh And Dry Form Of (Nelumbo Nucifera) Lotus Flower For Stress Induced Female Research Scholars At Trichirappalli District	B. Rajalakshmi	A. Afrina Sherin
8.	Phytochemical And Nutrient Composition Of Broccoli (Brassica Oleracea Var.Italica) Powder Incorporated In Selected Food Product	Dr. M. Angel	Arifa Mahmoodha Abdulla
9.	Incorporation Of Antioxidant Rich Guava Leaves Powder In Various Indian Recipes	A.Yasmin Fathimaa	A.Aseena

10.	“Development And Evaluation Of Palmyra Sprout (Borassus Flabellifer) Powder Incorporated Recipes”	J.Priya	B.Birammavidhya
11.	Development Of Lignan Enriched Processed Food For Breast Cancer Patients And Study Its Nutrient Efficacy	Dr.V.Kavitha	B.Devayani
12.	Formulation Of Iron Rich Value Added Food Products Using Beta Vulgaris, Psidium, Guajava And Amaranthus Dubius Leaves To Combat Anaemia	Dr. M. Angel	R. Faseeha Fathima
13.	Formulation Of Ivy Gourd Leaves Powder (Coccinia Grandis) Incorporated Recipes	J. Priya	M.N. Narkish Fathima
14.	Antioxidant Activity And Nutrient Composition Of Banana Peel Powder Incorporated Food Product	Dr. M. Angel	N. Nikmat Begam
15.	Assessment Of The Impact Of Social Media On Social, Physical, Psychological, And Nutritional Well Being Among Adolescent Girls(19- 21years)	R. R. Sangeetha	Nivrutha. K
16.	“Effect Of (Selected) Steaming Food By Wrapping With (Musaparadisiaca.L)Banana Leaf And Banana Flower Outer Bract With Special Focus On Sensory Qualities And Retention Of Selected Immune Boosting Micro Nutrients”	B. Rajalakshmi	N.Vaishnavi
17.	“Development And Standardization Of Phyllanthus Leaves Powder Incorporated Snacks And Breakfast Recipes”	J.Priya	R.Chithra
18.	Effect Of Processing On Whole Minor Millet Flour	D. Bhuvaneswari	M. Shakkira Banu
19.	Formulation Of Cardiospermum Halicacabum(Modakathan Keeerai) Dried Leaf Powder Incorporated Recipes	Dr.V.Kavitha	H. Shamsun Nafeela.

20.	Processing And Acceptability Of Corn Silk Powder Incorporated Recipes	D. Bhuvaneswari	A. Sindhus Banu
21.	Development Of Value Added Recipes Using Selected Fruit Mixes Powder	Dr.V.Kavitha	V.Oviya
22.	Value Addition Of Mulokiya Leaf (Corchous Olitorius) Powder	D. Bhuvaneswari	G.Yashika

**Part C : Physical, Mathematical & Computer
Science Vol - 1 (Spl) :2020
Issue - 1 : Section(A) - Physics**

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Compendium of the Post Graduate Dissertations: Physics

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1.	Assessment of Ambient Gamma Radiation Level in Ramanathapuram Gulf of Mannar	Dr. M. Jamal Mohamed Jaffar	Abdul Rahman S
2.	Development of an Efficient Numerical Method for the Resolution of the Schrodinger Equation Using Python	Mr A. Mohamed Saleem	Abid Al Lutfi
3.	Dynamical Transitions in a Forced Series Nonlinear LCR Circuit	Dr. A. Ishaq Ahamed	A. Abreed Ifraahim Hani
4.	Discontinuity Induced Hopf Bifurcations in a Murali-Lakshmanan-Chua Circuit	Dr. A. Ishaq Ahamed	Ajmal T. P. K
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6.	Study of Incomplete Fusion Reaction Using 15UD Pelletron Accelerator at Inter – University Accelerator Center (an Autonomous Inter - University Center of UGC) New Delhi	Dr. N. Peer Mohamed Sathik	S. Anandha Kumar
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11.	Study of Molecular Interaction in Binary Mixtures of Chlorobenzene With Benzyl Alcohol at Different Temperatures	Dr R. Raj Muhamed	SJ Malick
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7	SYNTHESIS OF BARIUM DOPED TITANIUM ISOPROPOXIDE NANOPARTICLES BY GREEN METHOD AND TO STUDY THEIR ANTIBACTERIAL ACTIVITY	Ms. R. GOWTHAR	MEHATHAJUNNISH A. S
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Compendium of the Post Graduate Dissertations: Social Work-2020

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2	A STUDY ON THE EFFECTIVNESS OF TRAINING AND DEVELOPMENT PROGRAMS AT APOLLO HOSPITALS IN TRICHY	Dr. N. ANTONY PRAKASH	J.CHINNU MOL
3	A STUDY ON EMPLOYEES TRAINING AND DEVELOPMENT WITH SPECIAL REFERENCE TO FOSTER FOODS (P) LTD VARADIMUM	Dr. N. ANTONY PRAKASH	FABINSHA ADHAM C A
4	A STUDY ON PERFORMANCE APPRAISAL AMONG THE EMPLOYEES OF HOTEL LE TEMP'S FORT IN TIRUCHIRAPPALLI	Dr. N. ANTONY PRAKASH	MOHAMED ISMAIL.M
5	A STUDY ON ROLE OF LEADERSHIP AND EMPLOYEES MOTIVATION IN HIGH ENERGY BATTERIES [INDIA] LIMITED AT MATHUR PUDUKOTTAI DISTRICT	Dr. K. SHEIK FAREETH	SAIYATH HASSAN JEELANI.S
6	A STUDY ON SOCIO-EMOTIONAL SKILLS AMONG ADOLESCENTS	Dr.S.RAJASHWARI	JENNATHULBAH RIYA. N
7	A STUDY ON JOB STRESS AMONG NURSES IN NEURO ONE HOSPITAL AT TRICHY	Mr.M.RAJALINGA M	KASIM KHAN. S
8	A STUDY ON ORGANIZATIONAL CLIMATE AT OPUS INFINITY SERVICE PVT LTD TRICHIRAPALLI	Dr. N. ANTONY PRAKASH	NATARAJ J
9	A STUDY ON HEALTH AND SAFETY STAR INDUSTRIES AT PUDUKKOTTAI DISTRICT	Dr. N. ANTONY PRAKASH	S. NOOR MOHAMED
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முதுநிலைத் திட்டக்கட்டுரைகளின் தொகுப்பு : தமிழ்

S.No.	Title of the Project	Name of the Guide	Name of the Candidate
1.	இயேசு வெளிப்படுத்திய மும்மலக் குறிப்புகள்	முனைவர் வ.முகம்மது யூனுஸ்	ஜோ.ஜார்ஜ் இம்மானுவேல்
2.	ஆற்றுப்படை நூல்களில் உயிரினங்கள் – ஓர் ஆய்வு	திரு.க.இம்தாதுல்லாஹ்	து.மதன்ராஜ்
3.	வைரமுத்துவின் வில்லோடு வா நிலவே – ஓர் ஆய்வு	முனைவர் க.சிராஜுதீன்	ப.அ.முஹம்மது ஆதில் முர்ஷித்
4.	மதுரைக்காஞ்சியில் தமிழரின் வணிகம்	முனைவர் த.செல்வராசு	ஷா.முஹம்மது அஸ்ரின்
5.	கீரனூர் ஜாகிரராஜாவின் காஃபீர்களின் கதைகள் - ஓர் ஆய்வு	முனைவர் ஷே.நாகூர்கனி	ஷ.தாஜுத்தீன்
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Part D : Life Sciences

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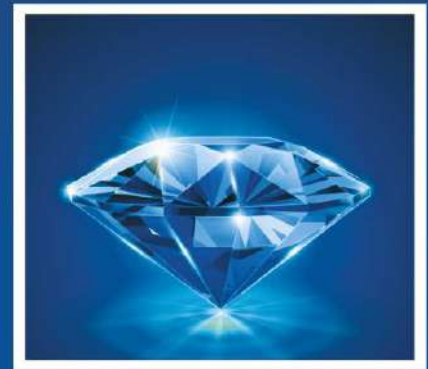
Tamil Nadu, India

Compendium of the Post Graduate Dissertations: Zoology 2020

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2	ANTIFUNGAL ACTIVITY BY ETHANOLIC EXTRACTS OF CLERODENDRUM INERME PLANT AGAINST MALASSEZIA FURFUR: A POTENTIAL APPLICATION IN THE TREATMENT OF DANDRUFF	Dr. K. PRABAKAR	A. ARUL RAJ
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