KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:08-09-2024

Department	FORENSIC SCIENCE	Application No.	20240019
Area of Research	CRIMINOLOGY	Research Mode	PART TIME

Name :B MARIAPPAN

Date of Birth / Age :23-09-1985 / 38 Years

Gender :MALE

Category :OC

e-Mail ID :adv.mariyappan@gmail.com

Mobile :8124347771

Father's/Husband's Name	E.BALASUBRAMANIAN	**Father's/Husband's Occupation**	SUB INSPECTOR OF POLICE, TAMILNADU (RTD)
Family Income	7,50,000	**Residental Type**	RURAL
Birth Place	CHENNAI	**Mother Tongue**	TAMIL
Religion	HINDU	**Martial Status**	MARRIED
Aadhaar No.	362329700594	**PAN No.**	APAPM3914L
Physically Challenged	NO	**Type of Disability**	-

Address for Communication:
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VGP MOUNT MARY NAGAR VALLANCHERY MAIN ROAD
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Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BCS	COMMERCE	DB JAIN COLLEGE, CHENNAI	2005	62	1	REGULAR
LLB	LAW	BALAJI LAW SCHOOL, PONDICHERRY	2012	65	1	REGULAR
MA CRIMINOLOGY	CRIMINOLOGY	TAMILNADU OPEN UNIVERSITY	2022	65	1	REGULAR

Experience

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MAX NEWYORK LIFE INSURANCE COMPANY	SALES EXECUTIVE	2007-01-03	2007-12-30	SALES
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LAW PRACTICE	ADVOCATE	2014-11-10	2023-10-04	LEGAL

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status

| 20240019_240911160842 | ZHMPWDW00XDA7B | 11-09-2024 | 600 | SUCCESS |

Research Proposal

An Interdisciplinary Approach to Criminology in Forensic Studies

Title:

An Integrated Criminological and Forensic Approach to Criminal Behavior Analysis: Bridging Forensic Science and Criminological Theories

1. Introduction:

Criminology and forensic science, though distinct fields, share a common goal: understanding and addressing crime. Criminology focuses on the sociological, psychological, and economic aspects of criminal behavior, while forensic science deals with the technical investigation of crime scenes and evidence. This research seeks to bridge the gap between criminological theories and forensic methodologies to develop a more comprehensive understanding of criminal behavior and crime-solving techniques.

2. Research Problem:

Current studies in criminology and forensic science often operate independently, with limited integration of the two fields. Criminology primarily analyzes societal and individual influences on crime, whereas forensic science emphasizes the technical investigation of crimes through evidence analysis. This divide limits the full potential of both fields in understanding and addressing crime comprehensively.

There is a need to develop an interdisciplinary framework that integrates criminological theories with forensic practices to enhance the accuracy of criminal profiling, improve crime-solving methodologies, and refine policies for crime prevention.

3. Research Objectives:

This study aims to:

1. Integrate criminological theories with forensic methods to develop a comprehensive framework for analyzing criminal behavior.

2. Assess how forensic evidence can be better interpreted through criminological lenses to enhance criminal profiling accuracy.

3. Examine case studies where forensic and criminological approaches have been successfully combined to address complex criminal cases.

4. Develop interdisciplinary strategies for crime prevention that leverage the insights of both fields.

4. Literature Review:

This section will review existing literature on the relationship between criminology and forensic science. It will explore the following:

Criminological Theories: Classical, biological, psychological, and sociological theories of crime.

Forensic Science Techniques: Evidence collection, DNA analysis, forensic psychology, digital forensics, and criminalistics.

Interdisciplinary Studies: Previous attempts to merge criminology with forensic science, focusing on gaps, challenges, and successes.

Relevant works by scholars such as Edwin Sutherland (differential association theory), Cesare Lombroso (biological determinism), and recent advancements in forensic DNA technology will be analyzed. The review will highlight the absence of a fully integrated interdisciplinary approach in both fields.

5. Research Questions:

The study will address the following questions:

1. How can criminological theories of criminal behavior be applied to forensic evidence analysis?

2. What are the limitations of current forensic methods in understanding the motivations behind criminal behavior?

3. How can an interdisciplinary approach improve the accuracy of criminal profiling and crime prevention policies?

4. What lessons can be learned from case studies where criminology and forensic science have been successfully integrated?

6. Research Methodology:

The research will adopt a qualitative and quantitative approach, combining the following methods:

Case Studies: Analyze notable criminal cases where forensic science and criminological theories have been integrated (e.g., serial offender cases, terrorism-related crimes).

Interviews with Experts: Conduct interviews with criminologists, forensic scientists, and law enforcement professionals to gather insights into their experiences with interdisciplinary approaches.

Content Analysis: Review court documents, forensic reports, and criminal profiles to identify patterns where integration could be enhanced.

Survey: A survey of law enforcement agencies to evaluate the practical challenges of merging criminological insights with forensic evidence.

7. Significance of the Study:

This research holds significant implications for both criminology and forensic science. By integrating the two disciplines, it can:

Improve the accuracy of criminal profiling by using criminological theories to explain forensic evidence.

Aid law enforcement in understanding the motivations and patterns behind criminal actions more effectively.

Develop new interdisciplinary methodologies for crime scene investigation, enhancing crime-solving accuracy.

Provide insights for policymakers on designing comprehensive crime prevention strategies that take into account both forensic evidence and sociological patterns.

8. Expected Outcomes:

The research is expected to:

1. Propose an integrated criminological-forensic framework for criminal investigation.

2. Demonstrate the effectiveness of this framework through real-world case studies.

3. Provide recommendations for law enforcement agencies on how to implement an interdisciplinary approach in investigations and policy-making.

4. Contribute to academic knowledge by offering new theoretical insights into the intersection of criminology and forensic science.

9. Conclusion:

This research proposal outlines an ambitious yet achievable project that bridges criminological theories with forensic practices. By providing a more holistic understanding of criminal behavior and integrating this knowledge into forensic analysis, the study will contribute to both academic scholarship and practical law enforcement.

This interdisciplinary approach will help push the boundaries of how criminology and forensic science can work together to solve crimes and prevent future criminal activity.

Criminological research can collaborate with forensic science studies in multiple ways, combining the strengths of both disciplines to enhance understanding of crime, improve criminal investigations, and contribute to more effective crime prevention strategies. Here are several key areas where criminology and forensic science can collaborate:

1. Criminal Profiling and Behavioral Analysis:

Criminology: Criminologists study the psychological, sociological, and environmental factors influencing criminal behavior, often leading to criminal profiling based on behavioral patterns.

Forensic Science: Forensic scientists analyze physical evidence like DNA, fingerprints, or digital traces.

Collaboration: Combining behavioral insights from criminology with forensic evidence can improve the accuracy of criminal profiling. For example, understanding the motivations behind certain crimes (e.g., serial offenses) helps direct forensic analysis and focus resources on specific suspects.

2. Crime Scene Investigation:

Criminology: Criminologists can offer insights into the typical behaviors associated with different types of crime scenes, helping to interpret the actions of offenders.

Forensic Science: Forensic experts collect and analyze evidence from crime scenes (e.g., blood spatter analysis, weapon identification, etc..

Collaboration: Criminologists can help forensic scientists by suggesting behavioral patterns that might be inferred from the evidence. For instance, in cases of domestic violence or organized crime, criminological theories could guide forensic experts in understanding the underlying social or relational dynamics at the crime scene.

3. Criminal Justice and Policy Development:

Criminology: Criminologists study crime trends, legal frameworks, and policies aimed at preventing crime and rehabilitating offenders.

Forensic Science: Forensic science provides hard evidence used in criminal trials and investigations, which influences legal outcomes and justice policies.

Collaboration: Criminological research can work with forensic data to analyze the effectiveness of laws and policies. For instance, analyzing forensic evidence in wrongful convictions can lead to policy changes to prevent miscarriages of justice.

4. Criminal Behavior and Forensic Psychology:

Criminology: Criminologists often focus on understanding why individuals commit crimes, exploring psychological and environmental factors.

Forensic Science: Forensic psychologists assess the mental state of suspects and offenders during investigations and trials.

Collaboration: Criminological theories about mental illness or the influence of childhood trauma on criminal behavior can guide forensic psychologists in assessing suspects, leading to a more comprehensive understanding of the individual's motives and mental state.

5. Data-Driven Crime Prevention:

Criminology: Criminologists use large datasets to study patterns in crime, such as geographical hotspots, repeat offenders, or socioeconomic conditions that correlate with crime rates.

Forensic Science: Forensic analysts often work with law enforcement to identify trends in criminal methods or types of evidence recovered across multiple crime scenes.

Collaboration: By integrating crime data analysis with forensic evidence, criminologists can identify patterns in criminal behavior and predict future crime trends. This collaborative approach can inform the allocation of law enforcement resources, develop targeted crime prevention strategies, and reduce recidivism.

6. Rehabilitation and Offender Treatment:

Criminology: Criminologists study the social and psychological factors that influence criminal behavior, focusing on how these factors can be addressed through rehabilitation programs.

Forensic Science: Forensic experts often analyze the causes of violent or deviant behavior through biological and psychological evidence.

Collaboration: Insights from forensic studies (e.g., neurological factors, genetic predispositions) can be combined with criminological research to develop more effective rehabilitation programs for offenders. This can help tailor treatments to individual needs based on forensic data and behavioral analysis.

7. Predictive Policing and Risk Assessment:

Criminology: Criminologists study factors that indicate the likelihood of future offenses, including repeat offenders, environmental risk factors, or sociological trends.

Forensic Science: Forensic data, such as digital forensics or analysis of crime scene patterns, can identify high-risk individuals or locations.

Collaboration: Criminological theories about crime deterrence and prediction can be integrated with forensic data to refine risk assessment tools. For instance, forensic evidence from past crimes can be used alongside criminological models to predict when and where future crimes may occur, enhancing predictive policing efforts.

8. Ethical and Legal Considerations:

Criminology: Criminologists often explore the ethical implications of various law enforcement strategies, including surveillance, use of force, and criminal profiling.

Forensic Science: Forensic scientists must ensure that their work adheres to legal and ethical standards, particularly in cases involving privacy, the use of DNA databases, or the collection of sensitive personal data.

Collaboration: Criminological research can inform forensic practices by highlighting ethical concerns related to evidence collection and use. Criminologists can advocate for responsible forensic techniques that respect individual rights while still pursuing justice.

9. Cold Case Solving and Case Reviews:

Criminology: Criminologists can provide insights into long-unsolved cases by offering updated behavioral profiles and exploring changes in criminal patterns over time.

Forensic Science: Forensic scientists can revisit old evidence with new technologies (e.g., advanced DNA analysis, new digital forensic tools).

Collaboration: Working together, criminologists and forensic scientists can reassess cold cases using both updated criminological theories and forensic advancements to identify new leads or suspects.

10. Multidisciplinary Academic Research and Education:

Criminology: Criminological research often draws from sociology, psychology, and legal studies.

Forensic Science: Forensic science involves chemistry, biology, computer science, and medicine in crime-solving processes.

Collaboration: Joint research programs and educational initiatives can foster collaboration between criminologists and forensic scientists. Universities can design interdisciplinary courses or research projects to train future professionals with expertise in both fields, thus enhancing practical applications in criminal investigations.

Thank You

Presented By

B.Mariyappan MBA, MA Crime, LLB

Advocate & Legal Consultant

தமிழ்நாடு திறந்தநிலைப் பல்கலைக்கழகம்
TAMIL NADU OPEN UNIVERSITY
577, Anna Salai, Chennai - 600 015
P.G PROGRAMME EXAMINATIONS
CONSOLIDATED STATEMENT OF MARKS

Name of the Student	Date of Birth	Enrollment No.	Serial No.
MARIAPPAN B	23-09-1985	20121300004	**4031272**

Programme Title	Admission Batch	Month & Year of Passing
M.A. CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION	AY 2020	JULY - 2022

Course Code	Course Title	Yr./ Sem¥	Cr.#	Assessment IA†	Assessment TEE*	Total Marks	Max. Marks	Letter Grade	Month & Year
	**** FIRST YEAR ****								
MCCJ-11X	PRINCIPLES OF CRIMINOLOGY	I	8	023	052	075	100	D	Jun-21
MCCJ-12X	CRIMINAL LAW AND SPECIAL LAWS	I	6	024	042	066	100	A	Jun-21
MCCJ-13X	CRIMINAL PROCEDURE AND EVIDENCE	I	6	023	034	057	100	B	Jun-21
MCCJ-14X	POLICE ADMINISTRATION	I	6	024	045	069	100	A	Jun-21
MCCJ-15X	PENOLOGY AND CORRECTIONAL ADMINISTRATION	I	6	023	038	061	100	A	Jun-21
	**** SECOND YEAR ****								
MCCJ-21X	HUMAN RIGHTS IN CRIMINIAL JUSTICE ADMINISTRATION	II	8	025	041	066	100	A	Jul-22
MCCJ-22X	FORENSIC SCIENCE & FORENSIC MEDICINE	II	6	026	045	071	100	A	Jul-22
MCCJ-23X	INVESTIGATIVE JOURNALISM	II	6	024	039	063	100	A	Jul-22
MCCJ-24X	VIGILANCE AND SECURITY MANAGEMENT	II	6	024	039	063	100	A	Jul-22
MCCJ-25X	VICTIMOLOGY	II	6	025	039	064	100	A	Jul-22
	*** END OF THE STATEMENT ***								

Total Marks : 0655 / 1000 ZERO SIX FIVE FIVE [65.500%]   **FIRST CLASS**

Part I :	Part II :	Part III : 655 / 1000 65.500 % First Class	CGPA : 7.356 with 64 Credits
Not Applicable	Not Applicable		

Change(s) / over Script(s) of any, in the Statement of Marks is invalid.

IA† Internal Assessment   TEE* Term End Examinations   Cr.# Credit
Yr. / Sem¥ Year / Semester   CGPA Cumulative Grade Point Average

CONTROLLER OF EXAMINATIONS (FAC)

தமிழ்நாடு திறந்தநிலைப் பல்கலைக்கழகம்
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577, ANNA SALAI, CHENNAI - 600 015

ENROLLMENT No. 20121300004   DATE : 14-02-2023

FOLIO No. EN111201478   SL. No. 3010408

PROVISIONAL CERTIFICATE

This is to certify that

MARIAPPAN B

has qualified for the DEGREE OF MASTER OF ARTS

IN CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION ... *after he/she*

having passed the above DEGREE *Examination held in*

JUL-2022 *and secured* FIRST CLASS

MEDIUM OF INSTRUCTION : ENGLISH

ASSISTANT REGISTRAR   CONTROLLER OF EXAMINATIONS FAC

C.No.07354

Roll No. Ms. 2651/2014

The Bar Council Of Tamilnadu and Puducherry

CERTIFICATE OF ENROLMENT AS ADVOCATE

This is to certify that

Mr./Mrs. _____B. MARIAPPAN_____

was admitted as an Advocate on the Roll of the Bar Council of Tamilnadu and Puducherry on the __TWENTY NINTH__ day of ____NOVEMBER, 2014____ under the provisions of section 17 of the Advocates Act, 1961 (Central Act No. 25 of 1961).

(VIJAY NARAYAN)
Chairman
The Bar Council of Tamilnadu & Puducherry
High Court Campus, Chennai - 600 104.

आयकर विभाग भारत सरकार
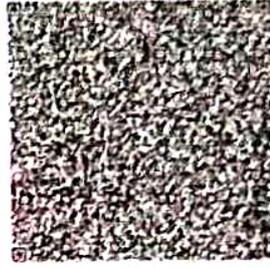**INCOME TAX DEPARTMENT** **GOVT. OF INDIA**

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

APAPM3914L

नाम / Name
B MARIYAPPAN

पिता का नाम / Father's Name
BALASUBRAMANIAN

जन्म की तारीख /
Date of Birth
23/09/1985

हस्ताक्षर / Signature

20052022

India Driving Licence(Tamilnadu)
Form 7

DOI 25/06/2009

D.L No. TN09 20090005028
Name MARIAPPAN B
S/D/W of E BALASUBRAMANIAN
Address
NO 11 C BLOCK NEW POLICE QUATRES
NAIDU STREET KOTTUR
CHENNAI 600085
Temp Add
SRI BRINDA DRIVING SCHOOL
DOB 23/09/1985 B.G A1+

Punishments

Licensed to drive throughout India, vehicles of the following descriptions
M/CYCL WG 25/06/2009 TN09 LMV 25/06/2009 TN09

Non-Transport Veh. Valid upto 24/06/2029

SRI BALAJI LAW SCHOOL

(Affiliated to Pondicherry University)
Puducherry.

TRANSFER CERTIFICATE

T.C.NO. 043
Admission No.

1. Name of the college which the student is leaving : Sri Balaji Law School

2. Name of the student (in BLOCK LETTERS) : MARIAPPAN. B

3. Name of the Father : BALASUBRAMANIAN. E

4. Name of the Mother : Bakkiyalakshmi. B

5. Caste / Religion / Nationality : SAIVA PILLAI / HINDU / INDIAN

6. Community to which He / She belongs (FC/MBC/OBC/SC/ST) : OC

7. Date of Birth (in Words) as entered in the college register : 23.09.1985 [Twenty Third September Ninteen eighty five]

8. Course of study : LLB 3 years

9. Class in which the student was studying at the time of leaving the college : III year LLB

10. Date of admission to that class : 07.10.2009

11. Whether qualified for studying higher course : Refer the Mark Sheet

12. Whether student has paid all the fees to the college : yes

13. Whether the student was in receipt of any Scholarship or Concession : NO

14. Whether the student has returned all library books/library tickets : yes

15. Date on which the student left the college : 05.07.2012

16. Reason for leaving of the college : Course completed

17. Conduct during the course of study : Good

18. Date on which application for Transfer Certificate was made : 08.08.2012

19. Date of issue of Transfer Certificate : 08.08.2012

Date : 08.08.2012
Puducherry

PRINCIPAL
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Date of Application:04-10-2023

Department	:Forensic Science	Application No:	:202312080
Area of Research	:Criminology	Research Mode	:Part Time

Name	:B MARIAPPAN
Date of Birth / Age	:23-09-1985 / 38 Years
Gender	:MALE
Category	:OC
e-Mail ID	:adv.mariyappan@gmail.com
Mobile	:8124347771

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Aadhaar No.	362329700594	**PAN No.**	APAPM3914L
Physically Challenged	NO	**Type of Disability**	-

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