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ACADEMY OF RESEARCH AND EDUCATION
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Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:30-10-2024

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	20240109
Area of Research	DATA SCIENCE	Research Mode	PART TIME

Name :PARIMEL AZHAGAN K

Date of Birth / Age :30-05-1993 / 31 Years

Gender :MALE

Category :MBC

e-Mail ID :parimelphd@gmail.com

Mobile :4047348851

Father's/Husband's Name	KUSALA KUMARAN	**Father's/Husband's Occupation**	RETIRED GOVT OFFICER
Family Income	20 LPA	**Residental Type**	RURAL
Birth Place	TIRUVALLUR	**Mother Tongue**	TAMIL
Religion	HINDU	**Martial Status**	MARRIED
Aadhaar No.	651517878081	**PAN No.**	CIRPP9425R
Physically Challenged	NO	**Type of Disability**	-

Address for Communication:	**Permenant Address:**
1035 1035 PEARL POINT SANDY SPRINGS FULTON DISTRICT GEORGIA UNITED STATES OF AMERICA Pin-30328	119 KANIAMMAN KOIL STREET, MALLIYAN KUPPAM ARANI, CHENNAI TIRUVALLUR DISTRICT TAMIL NADU INDIA Pin-601101

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.E	EIE	ANNA UNIVERSITY/ RMD ENGINEERING COLLEGE	2014	7.75	FIRST CLASS	REGULAR
B.E	EIE	ANNA UNIVERSITY	2014	7.75	FIRST CLASS	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
GENPACT LLC	LEAD CONSULTANT	2019-05-28	2024-10-30	DATA & ANALYTICS
ADAPTIVE SOFTWARE SOLUTIONS	SOFTWARE ENGINEER	2014-11-30	2019-05-30	ETL DEVELOPER

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
20240109_241104223848	ZHMPPD404AK4AJ	04-11-2024	600	SUCCESS

Research Proposal

Influence of Data Analytics on Sports Performance

Introduction

Data analytics have impacted the sports environment by giving insights that can help organizations and individuals improve performance, strategy, and overall decision-making. From player statistics to game strategy improvement, data analytics has become an essential component of modern sports management. The research project proposes to investigate the impact of data analytics on sports performance, including its uses, benefits, and potential problems.

Problem Statement

While data analytics is widely used in sports, there are still obstacles in properly turning data insights into meaningful tactics.

The key issues include:

- An oversupply of data can cause analysis paralysis, in which teams struggle to extract valuable insights from large datasets.
- There is frequently a disconnect between data analysis and its actual implementation in training regimens and game strategy.
- Mental health, exhaustion, and environmental factors can all influence performance, making it impossible to rely exclusively on quantitative statistics.

Research Objectives

- Study how various sports organizations use data analytics to improve performance, recruit players, and avoid injuries.
- Examine the link between data analytics usage and gains in key performance measures (e.g., win rates, player efficiency ratings).
- Propose viable techniques for using data analytics into training and performance enhancement practices.
- Evaluate how athletes and coaches view the usage of data analytics and its impact on their performance and decision-making processes.Analyze Current Applications of Data Analytics in Sports: Examine how various sports organizations use data analytics to improve performance, recruit players, and avoid injuries.

Methodology

- Conduct a thorough examination of existing literature on data analytics applications in sports, including case studies and empirical research.
- Collect quantitative data from sports organizations, with a focus on performance indicators both before and after data analytics deployment.
- Collect qualitative information from players, coaches, and sports analysts on their experiences and perceptions of data analytics.
- Analyze performance outcomes in teams who heavily use data analytics vs those that do not, using statistical approaches to find significant differences.

Expected Outcomes

- Create a framework detailing best practices for using data analytics to improve sports performance.
- Comprehensive reports that detail the impact of data analytics on key performance metrics across multiple sports.

- Practical instructions for coaches, athletes, and sports managers to incorporate data analytics into training and strategy.

Significance of the research

This research intends to contribute to a better understanding of how data analytics affects sports performance. By giving insights into viable applications and integration tactics, the research hopes to equip sports organizations to maximize their competitive advantage through educated decision-making.

Conclusion

The purpose of the research is to look into the importance of data analytics in improving athletic performance. By researching its uses, impact, and integration tactics, the study hopes to provide significant insights that might assist sports organizations maximize performance and achieve competitive success.

ANNA UNIVERSITY, CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.:**AUTCE001415**

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name	:**PARIMEL AZHAGAN K**
Registration Number	:**11210107032(1053512)**
Degree	:**B.E.**
Branch/Specialization	:**Electronics and Instrumentation Engineering**
Month and Year of Passing	:**April 2014**
Classification	:**FIRST CLASS**

Note: ***As per the Act No.20 of 2011 - Tamil Nadu University Laws (Amendment and Repeal Act), the Anna University of Technology, Chennai, the Anna University of Technology, Coimbatore, the Anna University of Technology, Madurai, the Anna University of Technology, Tiruchirappalli and the Anna University of Technology, Tirunelveli are merged with Anna University, Chennai.***

Controller of Examinations Chennai 600 025 Anna University

Chennai - 600 025

Date: **13/05/2014**

P128031170219K

Controller of Examinations

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ANNA UNIVERSITY, CHENNAI - 600 025

B.E. DEGREE EXAMINATIONS

CONSOLIDATED STATEMENT OF GRADES

Folio No. **AUTCE001415**

P128031170219K

NAME OF THE CANDIDATE	PARIMEL AZHAGAN K	REGISTER NO.	112101107032(1053512)
COLLEGE OF STUDY	R.M.D. ENGINEERING COLLEGE	GENDER	MALE
PROGRAMME & BRANCH	B.E. Electronics and Instrumentation Engineering	MONTH & YEAR OF LAST APPEARANCE	April 2014
REGULATIONS	2010		
DATE OF BIRTH	30-MAY-93		
MEDIUM OF INSTRUCTION	English		

SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING
01	181101	Mathematics - I	4	C	7	JAN 2011
01	182101	Engineering Physics - I	3	B	8	JAN 2011
01	183101	Engineering Chemistry - I	3	C	7	JAN 2011
01	185101	Engineering Graphics	5	C	7	JAN 2011
01	185102	Fundamentals of Computing and Programming	3	B	8	JAN 2011
01	186101	Technical English - I	4	B	8	JAN 2011
01	185151	Computer Practice Laboratory - I	2	S	10	JAN 2011
01	185152	Engineering Practices Laboratory	2	S	10	JAN 2011
02	131201	Circuit Theory	4	E	5	JUN 2011
02	181202	Mathematics - II	4	E	5	JUN 2011
02	182202	Engineering Physics - II	3	D	6	JUN 2011
02	183202	Engineering Chemistry - II	3	C	7	JUN 2011
02	185204	Basic Civil & Mechanical Engineering	4	B	8	JUN 2011
02	186202	Technical English - II	4	C	7	JUN 2011
02	131251	Electrical Circuits Laboratory	2	A	9	JUN 2011
02	184252	Physics and Chemistry Laboratory	2	B	8	JUN 2011
02	185253	Computer Practice Laboratory - II	2	B	8	JUN 2011
03	131304	Data Structures and Algorithms	4	B	8	NOV 2011
03	132301	Electrical Machines	4	C	7	NOV 2011
03	132302	Electronic Devices and Circuits	3	B	8	NOV 2011
03	132303	Electrical Measurements	4	E	5	NOV 2011
03	181301	Transforms and Partial Differential Equations	4	C	7	NOV 2011
03	185302	Environmental Science and Engineering	3	B	8	NOV 2011
03	131351	Electron Devices and Circuits Laboratory	2	B	8	NOV 2011
03	131352	Data Structures and Algorithms Laboratory	2	B	8	NOV 2011
03	132351	Electrical Machines Laboratory	2	A	9	NOV 2011
04	131403	Control Systems	4	E	5	APR 2012
04	131404	Linear Integrated Circuits and Applications	3	B	8	APR 2012
04	132401	Industrial Instrumentation - I	3	A	9	APR 2012
04	132402	Transducer Engineering	3	C	7	APR 2012
04	132403	Digital Logic Circuits	4	C	7	APR 2012
04	132404	Applied Thermodynamics	4	C	7	APR 2012
04	131452	Linear and Digital Integrated Circuits Laboratory	2	A	9	APR 2012
04	132451	Transducers and Measurements Laboratory	2	S	10	APR 2012
04	132452	Thermodynamcis Laboratory	2	S	10	APR 2012
05	132501	Industrial Electronics	3	B	8	NOV 2012
05	132502	Analytical Instruments	3	A	9	NOV 2012
05	132503	Industrial Instrumentation - II	3	B	8	NOV 2012
05	141506	Object Oriented Programming	3	C	7	NOV 2012
05	147506	Communication Engineering	3	B	8	NOV 2012
05	147508	Microprocessors and Microcontrollers	3	A	9	NOV 2012
05	132551	Industrial Instrumentation Laboratory	2	A	9	NOV 2012
05	141554	Object Oriented Programming Laboratory	2	A	9	NOV 2012
05	147554	Microprocessor and Microcontroller Lab	2	A	9	NOV 2012
05	186551	Communication Skills Laboratory	2	B	8	NOV 2012
06	131606	Embedded System	3	B	8	APR 2013
06	132601	Modern Electronic Instrumentation	3	B	8	APR 2013
06	132602	Process Control	4	A	9	APR 2013
06	132603	Digital System Design	3	C	7	APR 2013
06	132604	Biomedical Instrumentation	3	B	8	APR 2013
06	147507	Digital Signal Processing	4	C	7	APR 2013
06	132651	Communication and DSP Laboratory	2	S	10	APR 2013
06	132652	Process Control System Lab	2	B	8	APR 2013
06	132653	Virtual Instrumentation Lab	2	A	9	APR 2013
07	132701	Industrial Data Networks	3	C	7	NOV 2013
07	132702	Logic and Distributed Control System	3	B	8	NOV 2013
07	132703	VLSI Design	3	C	7	NOV 2013
07	132704	Fibre Optics and Laser Instruments	3	A	9	NOV 2013
07	141404	Operating Systems	3	C	7	NOV 2013
07	132765	Power Plant Instrumentation	3	C	7	NOV 2013
07	132751	VLSI Lab	2	A	9	NOV 2013
07	132752	Instrumentation System Design Laboratory	2	A	9	NOV 2013
07	132753	Comprehension	1	S	10	NOV 2013
08	188852	Principles of Management	3	B	8	APR 2014
08	147891	Digital Image Processing	3	B	8	APR 2014
08	185665	Professional Ethics in Engineering	3	C	7	APR 2014
08	132895	Project Work	6	S	10	APR 2014

***** End of Statement *****

Cumulative Grade Point Average : 7.75

Classification : FIRST CLASS

Controller of Examinations ★ Chennai 600 025 ★ Anna University

SEM - Semester, C- Credits, LG - Letter Grade, GP - Grade Point

Range of Marks	91 - 100	81 - 90	71 - 80	61 - 70	57 - 60	50 - 56	< 50
Letter Grade	S	A	B	C	D	E	U
Grade Point	10	9	8	7	6	5	0

$$CGPA = \frac{\sum_{i=1}^{n} C_i GP_i}{\sum_{i=1}^{n} C_i}$$

where C_i - is the credits assigned to the course

GP_i - is the point corresponding to the grade obtained for each course

n - is number of all courses successfully cleared during all the semesters

Chennai - 600 025

Tamil Nadu. INDIA

TRANSFER CERTIFICATE

No. 4520 Reg. No.: 11210107032

1. Name of the Student : PARIMEL AZHAGAN K
2. Father's Name : KUSALA KUMARAN V
3. Date of Birth (in words as entered in admission register) : 30.05.1993 (Thirtieth-May-Nineteen Ninetythree)
4. Sex : MALE
5. Nationality, Religion and Caste : INDIAN,HINDU, VANNIYAR
6. Community : MBC
7. Date of Admission : 13.08.2010
8. Year and Class in which the Student was studying at the time of leaving : IV year B.E.[Electronics & Instrumentation Engineering]
9. Whether qualified for promotion : REFER MARK STATEMENTS
10. Date on which the student actually left the institution : 19.04.2014
11. Reason for leaving : COURSE COMPLETED

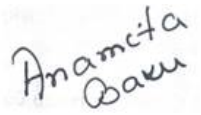
November 4, 2024

Dear Sir/Madam,

This is to certify that Mr. Parimel Azhagan Kusalakumaran is working with us since May 17, 2019 and his title is Lead Consultant.

For any queries related to the information provided on this letter write to genpacthrssus@genpact.com

Sincerely,



Anamita Basu
Assistant Vice President
Human Resources

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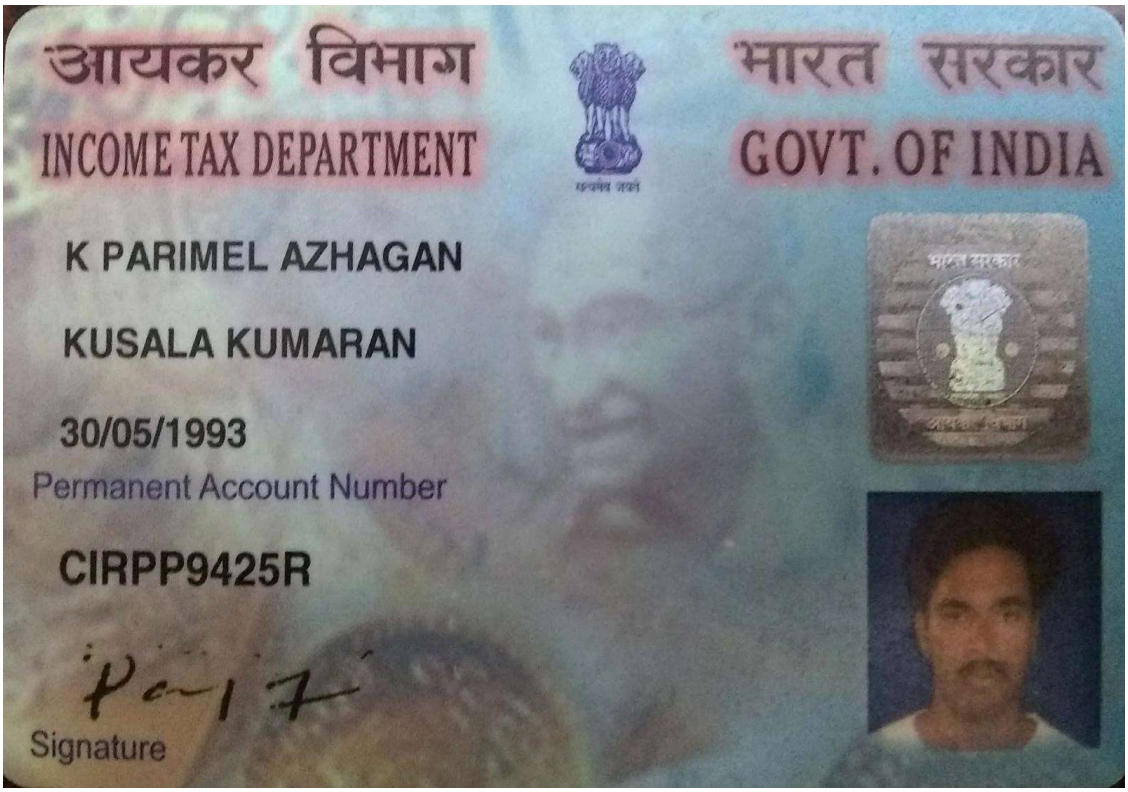
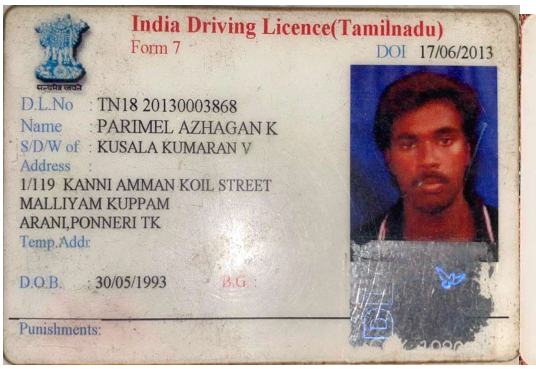

आयकर विभाग
INCOME TAX DEPARTMENT
भारत सरकार
GOVT. OF INDIA
K PARIMEL AZHAGAN
KUSALA KUMARAN
30/05/1993
Permanent Account Number
CIRPP9425R
Signature

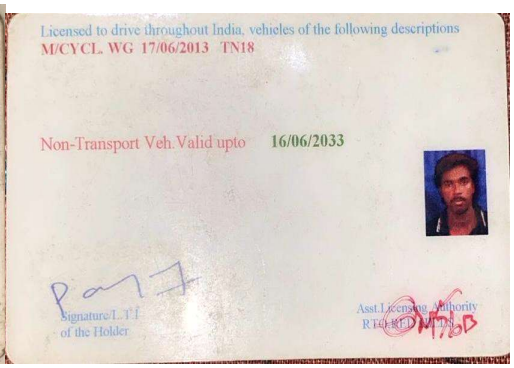


India Driving Licence(Tamilnadu)
Form 7
DOI 17/06/2013

D.L.No : TN18 20130003868
Name : PARIMEL AZHAGAN K
S/D/W of : KUSALA KUMARAN V
Address :
1/119 KANNI AMMAN KOIL STREET
MALLIYAM KUPPAM
ARANI,PONNERI TK
Temp.Addr:

D.O.B. : 30/05/1993 B.G :

Punishments:



Licensed to drive throughout India, vehicles of the following descriptions
M/CYCL. WG 17/06/2013 TN18

Non-Transport Veh. Valid upto 16/06/2033

Signature/L.T.I of the Holder

Asst.Licensing Authority
RTO

1206

GCP—26-4—2,06,000 Cps.—29-11-2003 [P2-1]

R.Dis. 6132 /2007 dt. Ab. 10.07

MBC

சான்றிதழ் எண் :
Certificate No. :

3440432

மாவட்டக் குறியீடு எண் : District Code :	2	6
வட்டக் குறியீடு எண் : Taluk Code :	0	5
கிராமக் குறியீடு எண் : Village Code :	0	6 9

சாதிச் சான்றிதழ்

COMMUNITY CERTIFICATE

திருவள்ளூர் மாவட்டம் பொன்னேரி வட்டம் மீஞ்சூர் கிராமம்/நகரம், திரு./திருமதி/செல்வி/செல்வன் பரிமேலழகன் தகப்பனார்/கணவர் பெயர் குகப்பிரமணி இந்து வன்னியர் வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும் மிகவும் பிற்பட்ட பிரிவின் நலத் துறை, நாள் 19-7-1994 வரிசை எண் 26 படி மிகவும் பிற்பட்ட பிரிவினைச் சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that ..... Son / Daughter of Thiru ..... of ..... Village / Town, ... Taluk, ... District of the State of Tamil Nadu belongs to ..... Community, which is recognised as a Most Backward Class as per Government Order (Ms.) No. 28, Backward Classes and Most Backward Classes Welfare, dated 19th July 1994 vide Serial No. .....

2. திரு./திருமதி/செல்வன்/செல்வி பரிமேலழகன் என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் திருவள்ளூர் மாவட்டத்தில் பொன்னேரி வட்டத்தில் மீஞ்சூர் கிராமத்தில்/நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt/Selvan/Selvi ..... and his/her family ordinarily reside(s) at ..... Village/Town ..... Taluk ..... District of Tamil Nadu.

முத்திரை
Seal

கையொப்பம் :
Signature :

நாள் :
Date :

பெயர் (தமிழ் எழுத்துக்களில்) :
(Name in Capital Letters) :

பதவி :
Designation :

ZONAL DEPUTY TAHSILDAR
PONNERI

15-10-07