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:02-11-2023

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202312143
Area of Research	ARTIFICIAL INTELLIGENCE	Research Mode	PART TIME

Name :BETTY P JUSTIN

Date of Birth / Age :31-05-1991 / 32 Years

Gender :FEMALE

Category :OBC

e-Mail ID :bettypjustin27@gmail.com

Mobile :9895292771

Father's/Husband's Name	DEEPU N BHADRAN	Father's/Husband's Occupation	TEACHER
Family Income	2LAKHS	Residental Type	RURAL
Birth Place	THYCAUD HOSPITAL	Mother Tongue	MALAYALAM
Religion	CHRISTIAN	Martial Status	MARRIED
Aadhaar No.	512669491936	PAN No.	DRNPB0012C
Physically Challenged	NO	Type of Disability	-

Address for Communication:
VIJAYA BUILDING ,MOOLAKONAM
KOOVALASSERY P O
THIRUVANANTHAPURAM CITY
THIRUVANANTHAPURAM DISTRICT
KERALA
INDIA
Pin-695512

Permenant Address:
VIJAYA BUILDING, MOOLAKONAM
KOOVALASSERY P O
THIRUVANANTHAPURAM
THIRUVANANTHAPURAM DISTRICT
KERALA
INDIA
Pin-695512

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
ME	COMPUTER SCIENCE & ENGINEERING	ANNA UNIVERSITY	2014	8.46	FIRST CLASS	REGULAR
BTECH	INFORMATION TECHNOLOGY	KERALA UNIVERSITY	2012	66.9	FIRST CLASS	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY	ASSISTANT PROFESSOR	2022-09-12	2023-11-02	LECTURER

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
202312143_231102203005	ZHD51506104547	02-11-2023	600	SUCCESS

ARTIFICIAL INTELLIGENCE

Artificial intelligence (**AI**) is the intelligence of machines or software, as opposed to the intelligence of humans or animals. It is also the field of study in computer science that develops and studies intelligent machines. "AI" may also refer to the machines themselves. AI technology is widely used throughout industry, government and science. Some high-profile applications are: advanced web search engines (e.g., Google Search), recommendation systems (used by YouTube, Amazon, and Netflix), understanding human speech (such as Siri and Alexa), self-driving cars (e.g., Waymo), generative or creative tools (ChatGPT and AI art), and competing at the highest level in strategic games (such as chess and Go).

The various sub-fields of AI research are centered around particular goals and the use of particular tools. The traditional goals of AI research include reasoning, knowledge representation, planning, learning, natural language processing, perception, and support for robotics. General intelligence (the ability to solve an arbitrary problem) is among the field's long-term goals. To solve these problems, AI researchers have adapted and integrated a wide range of problem-solving techniques, including search and mathematical optimization, formal logic, artificial neural networks, and methods based on statistics, operations research, and economics. Also draws upon psychology, linguistics, philosophy, neuroscience and many other fields.

Artificial intelligence is a field, which combines computer science and robust datasets, to enable problem-solving. It also encompasses sub-fields of machine learning and deep learning, which are frequently mentioned in conjunction with artificial intelligence. These disciplines are comprised of AI algorithms which seek to create expert systems which make predictions or classifications based on input data.
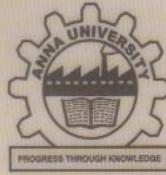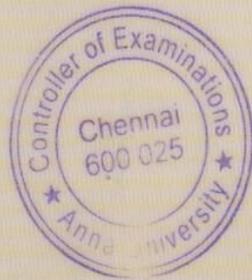
Anna University

Rank Certificate

This is to certify that **BETTY P JUSTIN** of **MARIA COLLEGE OF ENGINEERING AND TECHNOLOGY** is awarded the **FORTY NINTH RANK** among **4098** candidates graduated in the **Degree of Master of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** programme under the **Faculty of Information and Communication Engineering** from the non-autonomous affiliated institutions in **JUNE 2014** on the basis of performance in all the examinations held during **2012-2014**.
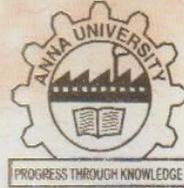
Chennai 600 025
Tamil Nadu, India
Date : 05-11-2014

CONTROLLER OF EXAMINATIONS

Anna University

PROGRESS THROUGH KNOWLEDGE

Reg.No. 961512405005/RG

The Syndicate of the Anna University hereby makes known that

BETTY P JUSTIN has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **COMPUTER SCIENCE AND ENGINEERING**

under the *Faculty of Information and Communication Engineering*, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS** at the Examination held in **JUNE 2014**.

Given under the Seal of the University
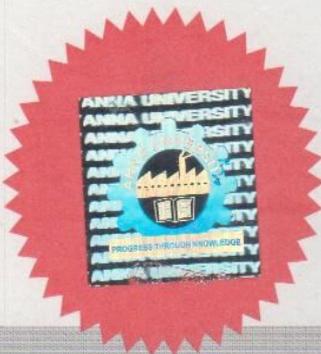
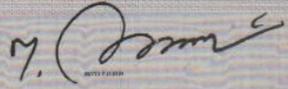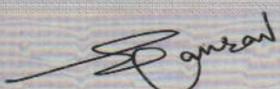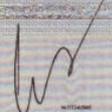Chennai 600 025
India
November 2014
KPMCHE440516056

Controller of Examinations   Registrar   Vice-Chancellor

Register No : **41608801/41608403/08413027**

UNIVERSITY OF KERALA

कर्मणि व्यज्यते प्रज्ञा

കേരള സർവകലാശാല

FACULTY OF ENGINEERING AND TECHNOLOGY

The Senate of the University of Kerala hereby makes known that **Betty P. Justin** has been admitted to the Degree of Bachelor of Technology under **Information Technology** Branch, she having been certified by duly appointed examiners to be qualified to receive the same and having been by them placed in the **First Class** at the examination held in **April 2012** .

Given under the seal of the University

University Buildings

Thiruvananthapuram **April 09, 2013**

Vice Chancellor

0285048

UNIVERSITY OF KERALA

Ref. No. : **EE 416/08413027**

Ser. No. : **21507958**

Thiruvananthapuram

Date : 31/07/2015

Percentage Certificate

Issued to Sri./Smt. : **BETTY P JUSTIN**

Programme : **B.Tech. - Information Technology**

Month & Yr. of Exam. : **April 2012**

Exam. Code : **41608403**

Candidate Code : **08413027**

Certified that the semester wise percentage of marks secured by the above candidate for the B.Tech Degree Examination up to 8th semester are as shown below:

Semester	Percentage of Marks
Semester 1&2 of Eight	**68.47**
Semester 3 of Eight	**63.92**
Semester 4 of Eight	**66.42**
Semester 5 of Eight	**66.33**
Semester 6 of Eight	**63.67**
Semester 7 of Eight	**72.61**
Semester 8 of Eight	**67.36**
Percentage of Aggregate Marks	**66.99**

Prepared by

Checked by

S.O

A.R

Deputy Registrar (Exams VI)

For Controller of Examinations

ANNA UNIVERSITY, CHENNAI - 25
M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES

B1273512210020N **Folio No.** AUC1527966

NAME OF THE CANDIDATE	BETTY P JUSTIN				REGISTER NO.	961512405005

DATE OF BIRTH	31-MAY-91	GENDER	FEMALE	MONTH & YEAR OF LAST APPEARANCE	JUN 2014

COLLEGE OF STUDY	MARIA COLLEGE OF ENGINEERING AND TECHNOLOGY	REGULATIONS	2009

PROGRAMME & SPECIALIZATION	M.E. Computer Science and Engineering

SEM. NO.	COURSE CODE	COURSE TITLE	CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	CS9211	Computer Architecture	3	C	7	NOV 2012
01	CS9212	Data Structures and Algorithms	3	S	10	NOV 2012
01	CS9213	Computer Networks and Management	3	B	8	NOV 2012
01	MA9219	Operations Research	4	D	6	NOV 2012
01	SE9213	Object Oriented Software Engineering	3	B	8	NOV 2012
01	CS9215	Data Structures Laboratory	2	S	10	NOV 2012
01	CS9216	Networking Laboratory	2	S	10	NOV 2012
02	CS9221	Data Base Technology	3	A	9	JUN 2013
02	CS9222	Advanced Operating Systems	3	C	7	JUN 2013
02	CS9223	Advanced System Software	3	B	8	JUN 2013
02	CS9224	Information Security	3	C	7	JUN 2013
02	CS9225	Web Technology	3	C	7	JUN 2013
02	CS9251	Mobile Computing	3	C	7	JUN 2013
02	CS9227	Operating System Lab	2	S	10	JUN 2013
02	CS9228	Web Technology Lab	2	S	10	JUN 2013
03	CS9263	Adhoc Networks	3	B	8	NOV 2013
03	CS9264	Data Warehousing and Data Mining	3	C	7	NOV 2013
03	CS9269	Software Project Management	3	C	7	NOV 2013
03	CS9234	Project Work (phase I)	6	S	10	NOV 2013
04	CS9241	Project Work (Phase II)	12	S	10	JUN 2014

* * * End of Statement * * *

Cumulative Grade Point Average : 8.46

Classification : FIRST CLASS

Medium of Instruction : **ENGLISH**

Chennai - 25.

Date 10/07/2014

SIGNATURE OF THE STUDENT

CONTROLLER OF EXAMINATIONS

MARIA COLLEGE OF ENGINEERING AND TECHNOLOGY

Attoor, Thiruvattar P.O., Kanyakumari District - 629177.

(Approved by AICTE, New Delhi & Affiliated to Anna University)

Ph: 04651 - 282588, 282310, 283310 Fax: 04651 - 282166.

Website: www.mcet.org.in, Email: maria.college.of.engineering.@gmail.com

Serial No: ...1320......   Admission No: ...08/2012-13....

TRANSFER CERTIFICATE

|			
1.	Name of the Student	:	**BETTY P JUSTIN**
2.	Name of Father / Guardian	:	Mr. T.M.Francis Justin
3.	Nationality and Religion	:	Indian, Christian
4.	Community	:	Nadar SIUC
5.	Sex	:	Female
6.	Date of birth (in words & figures)	:	31.05.1991 (Thirty First - May - Nineteen Ninety One)
7.	Date of admission	:	07.09.2012
8.	Programme of Study, Period of Study	:	M.E. (2-Years Course)
9.	Class in which the student was reading at the time of leaving	:	Computer Science and Engineering
10.	Whether qualified for promotion to a higher class	:	Refer Marksheet
11.	Whether the student has paid all the fees due to the Institution	:	Yes
12.	Date of Leaving the College	:	04.06.2014
13.	Reason for Leaving	:	Course Completed
14.	Date of issue of Transfer Certificate	:	27.06.2014
15.	Conduct & Character of the student	:	Good

Date : 27.06.2014

Signature of Parent / Guardian

Principal

Maria College of Engineering and Technology

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA
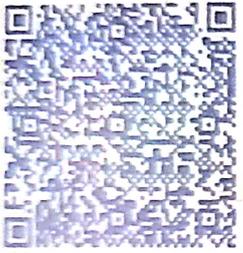
स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

DRNPB0012C

नाम/ Name
BETTY P JUSTIN

पिता का नाम/ Father's Name
FRANCIS JUSTIN

जन्म की तारीख/ Date of Birth
31/05/1991

हस्ताक्षर/ Signature

09032018

इस कार्ड के खोने / पाने पर कृपया सूचित करें / लौटाएं :
आयकर पैन सेवा इकाई, एन एस डी एल
5 वीं मंजिल, मंत्री स्टर्लिंग, प्लॉट नं. 341, सर्वे नं. 997/8,
मॉडल कालोनी, दीप बंगला चौक के पास,
पुणे – 411 016.

If this card is lost / someone's lost card is found,
please inform / return to :
Income Tax PAN Services Unit, NSDL
5th floor, Mantri Sterling,
Plot No. 341, Survey No. 997/8,
Model Colony, Near Deep Bungalow Chowk,
Pune – 411 016.

Tel: 91-20-2721 8080, Fax: 91-20-2721 8081
e-mail: tininfo@nsdl.co.in

INDIAN UNION
KERALA STATE
DRIVING LICENCE FORM 7

No.: 20/1933/2010   Date: 19/07/2010

Name   :BETTY P JUSTIN

S/W/D of   :T.M.FRANCIS JUSTIN

Address   :VIJAYA BUILDING
              MOOLAKONAM
              KOOVALASSERY .PO
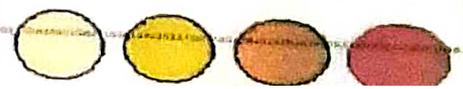   NEYYATTINKARA

Date of Birth   :31/05/1991

Blood Group   :O+

Category

Non-Transport

Transport

Valid from	Valid To
13/07/2010	12/07/2030

Temp. Address
POORAM MDS
OORUTTAMBALAM

She is licensed to drive throughout India, vehicle of the following description

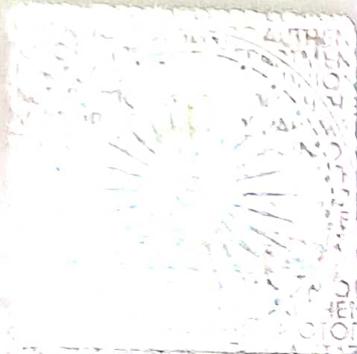| Class of Vehicle	With effect from	Testing Authority
M/C w/o gr	13/07/2010	ALA,NTA
LMV	13/07/2010	ALA,NTA

Date of First Issue : 13/07/2010

Badge No. & Date :

Signature of Holder

L.S.Shaji
Asst. LA,NEYYATTINKARA

A 4953286

NIC

No. 5723/17

ANNEXURE II

Form of Certificate to be produced by Other Backward Classes Applying for Appointment to posts under Government of Kerala and its organisations and Institutions

This is to certify that Shri / Smt. BETTY. P. JUSTIN son / daughter of FRANCIS JUSTIN. TN POURNAMI THENNDOR KONAM of VIZHINJAM Village THIRUVANANTHAPURAM KOTTAPPURAM -PO District / Division in the State of Kerala belongs to SIUC - NADAR - CHRISTIAN Community, which is designated as a Backward Class in the State of Kerala.

2. This is also to certify that the above Shri / Smt. BETTY. P. JUSTIN does not belong to the category of 'Creamy Layer' in the light of the guidelines issued in G. O. (P) No. 13232 / F3 / 09 / SC / STDD dated 5 - 10 - 09 and G. O. (P) No. 81 / 09 / SC / STDD dated 26 - 9 - 2009 and the schedule prescribed thereunder to identify the 'Creamy Layer' among the designated "Other Backward Classes" in the State of Kerala.

Dated 30/8/12

(Office Seal)

Issuing Authority

Signature : 30/8/10

Name : A-MURUKAN.

Designation : Village Officer Vizhinjam

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. _Betty P Justin_ is employed as _Assistant Professor_ (Designation) in the _Computer Science & Engineering Dept_ (Department/Division Name) of _Lourdes Matha College of Science & Technology, Kuttichal, TVM_ (Institution/Industry Name).

We have no objection in forwarding his/her application for the Ph.D. Research Programme.

FOR FULL TIME:

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from _____ to _____ to undertake the full time research work in the University.

FOR PART TIME:

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date: Signature of the Head of Organization with office seal

PRINCIPAL
LOURDES MATHA COLLEGE OF
SCIENCE & TECHNOLOGY
Lourde Hills, Kuttichal P.O.
Thiruvananthapuram Dist. 695 574

LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY
KUTTICHAL
THIRUVANANTHAPURAM
695 574