



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:07-07-2020

Department	MECHANICAL ENGINEERING	Application No.	20200208
Area of Research	ENERGY CONSERVATION IN BUILDINGS USING SOFT COMPUTING MCDM METHODS, PHASE CHANGE	Research Mode	PART TIME

Name :JUNAID.T
Date of Birth / Age :24-09-1986 / 33 Years
Gender :MALE
Category :OC
e-Mail ID :junaidtippu1618@gmail.com
Mobile :+919686162611



Father's/Husband's Name	IQBAL AHMED T.M	Father's/Husband's Occupation	SALT DEALER
Family Income	200000	Residential Type	RURAL
Birth Place	CHIKMAGALUR-KARNATAKA	Mother Tongue	URDU
Religion	MUSLIM	Marital Status	MARRIED
Aadhaar No.	529744468538	PAN No.	AWJPT5588R
Physically Challenged	NO	Type of Disability	-
Address for Communication: 339/1 HIDAYATH STREET BANGALORE BANGALORE DISTRICT KARNATAKA INDIA Pin-560045		Permenant Address: 339/1 HIDAYATH STREET BANGALORE BANGALORE DISTRICT KARNATAKA INDIA Pin-560045	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
MASTER DEGREE	HEATING VENTILATION AND REFRIGERATION	JNTU-HYDERABAD	2018	8.96 / 86%	FIRST CLASS DISTINCTION	REGULAR
BACHELORS OF ENGINEERING	MECHANICAL ENGINEERING	VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU), BELGAUM	2011	62%	FIRST CLASS	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
IPEBS	PIPING LAYOUT ENGINEER	2011-08-01	2012-07-31	DRAWINGS, ISOMETRIC, TAKEOFF	
CONSPEL QATAR W.L.L	MECHANICAL ENGINEER	2018-09-19	1970-01-01	MECHANICAL ENGINEER	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status

20200208_200708151144	SHMP8975938672	08-07-2020	600	SUCCESS
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Research proposal for Ph.D. in Mechanical Engineering -KARE

Junaid T, Date: 5 July 2020

Area of Research: - “Soft computing techniques in Energy conservation of buildings in India”

Overview: - Conservation of energy in buildings has drawn attention worldwide and is the prime concern in many countries including India. Because buildings are the major consumers of generated energy. If conservation of energy in buildings is achieved, it would be impacting a major changes in savings in energy.

The Research problem: - There is a increasing demand in energy on a daily basis. The consumption of energy is also being a challenge faced by many regions. Most of the energy generated is being wasted due to improper decisions and mismanagement of energy. The decision making bodies are not systematic and scientific, most of energy managers and administration take decisions consensus based on personal experience which has no scientific background.

The solution to the Research Problem: -

Decisions in energy sector if are taken in a systemic manner based on proven scientific evidences are more substantial and would save energy. Multiple Criteria Decision Making(MCDM) is one such proven techniques in to take decisions scientifically and systematically. This research intends to use

Literature review: - The area of decision making using MCDM in the field on energy is scare. Therefore, this research proposed to use MCDM techniques in the field of conservation of buildings.

Research Questions: -

1. What are the MCDM methods used in Energy Decision making techniques?
2. What are the factors responsible for energy conservation of buildings?
3. How are the factors prioritised and what is the criteria of prioritising?

Objectives of the research: -

- a) To find out the factors responsible for energy conservation of buildings particularly in India.
- b) To prioritise the Factors based on the ranks obtained in MCDM Techniques.

Design of the research: -

The Research would be accomplished by gathering inputs from Industry experts. It would also conduct field surveys and online surveys. All these inputs will go into MCDM visual modelling to provide energy conservation factors and would be ranked for taking better decisions in energy management.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1240515



H.T No.: **15K36D9106**

College Code : K3 (R I T S, DAMARGIDDA)

*Mr. Junaid T
No. Iqbal Ahmed Tm*

having fulfilled the academic requirements and passed the examination held during *December, 2017* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

*Master of Technology
Heating Ventilation & Air Conditioning*

Given under the Seal of the University

Date: 28-02-2018



Uppara

DIRECTOR OF EVALUATION

Mudraiah

REGISTRAR

Aleesha

VICE CHANCELLOR

CMM No
20268002005



47007000862

PC No
30268001718

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESWARAIAH TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



Certifies that

JUNAID T

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಳ್ಳವರೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

has been duly admitted to the Degree of

Bachelor of Engineering

*in recognition of the fulfilment of requirements
for the said degree*



ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ

University Seat Number : 1HK05ME030

ವಿಷಯ

Subject : Mechanical Engineering

ಶ್ರೇಣಿ

Class : First Class

D
10

011058

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ
Given under the seal of the University

ಬೆಳಗಾವಿ
Belgaum

ದಿನಾಂಕ

Date : APR 08, 2012

ಕುಲಪತಿ

VICE CHANCELLOR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESWARAIAH TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA
CONSOLIDATED STATEMENT OF MARKS

F 23133
03

B.E. (Mechanical Engineering)

Name of the Student : JUNAIT	University Seat No : IHK05ME030
Father's/ Mother's Name : IQBAL AHMED TM	Year of Entrance : 2005
Name of the College : H.K.B.K. COLLEGE OF ENGINEERING, BANGALORE	Year of Leaving : 2011

SUBJECTS	Exam Marks		IA Marks		Tot. Marks	
	Max.	Obtd.	Max.	Obtd.	Max.	Obtd.
I Semester						
1 Engineering Mathematics - I ***	100	35	25	18	125	53
2 Engineering Chemistry	100	45	25	18	125	63
3 Computer Concepts & 'C' Programming ***	100	35	25	20	125	55
4 Elements of Mechanical Engineering **	100	46	25	20	125	66
5 Basic Electronics **	100	35	25	18	125	53
6 Computer Programming Lab	50	21	25	24	75	45
7 Engineering Chemistry Lab	50	47	25	20	75	67
8 Constitution of India & Professional Ethics	50	22	25	16	75	38
First Attempt Total: 316 / 775 ; Class of the Semester : SC						
II Semester						
1 Engineering Mathematics - II *****	100	35	25	20	125	55
2 Engineering Physics **	100	39	25	19	125	58
3 Elements of Civil Engineering	100	61	25	20	125	81
4 Engineering Graphics ***	100	57	25	20	125	77
5 Basic Electrical Engineering	100	35	25	16	125	51
6 Workshop Practice	50	41	25	24	75	65
7 Engineering Physics Lab	50	37	25	21	75	58
First Attempt Total: 377 / 775 ; Class of the Semester : SC						
III Semester						
1 Engineering Mathematics -III	100	57	25	19	125	76
2 Material Science & Metallurgy	100	68	25	17	125	85
3 Basic Thermodynamics	100	36	25	17	125	53
4 Mechanics of Materials	100	44	25	18	125	62
5 Manufacturing Process - I	100	66	25	22	125	88
6 Computer Aided Machine Drawing	100	46	25	21	125	67
7 Metallography & Material Testing Lab	50	41	25	25	75	66
8 Foundry & forging Laboratory	50	36	25	23	75	59
First Attempt Total: 556 / 900 ; Class of the Semester : FC						
IV Semester						
1 Engineering Mathematics - IV	100	35	25	15	125	50
2 Mechanical Measurements & Metrology	100	51	25	24	125	75
3 Applied Thermodynamics **	100	39	25	20	125	59
4 Kinematics of Machines	100	44	25	18	125	62
5 Manufacturing Process - II	100	53	25	25	125	78
6 Fluid Mechanics	100	58	25	23	125	81
7 Mechanical Measurements & Metrology Lab	50	41	25	24	75	65
8 Machine Shop	50	30	25	24	75	54
First Attempt Total: 509 / 900 ; Class of the Semester : SC						

SUBJECTS	Exam Marks		IA Marks		Tot. Marks	
	Max.	Obtd.	Max.	Obtd.	Max.	Obtd.
V Semester						
1 Management & Entrepreneurship	100	66	25	20	125	86
2 Design of Machine Elements - I ****	100	39	25	24	125	63
3 Dynamics of Machines	100	35	25	21	125	56
4 Energy Engineering	100	38	25	21	125	59
5 Turbo Machines ***	100	35	25	18	125	53
6 Engineering Economics	100	50	25	20	125	70
7 Fluid Mechanics Machinery Laboratory	50	30	25	22	75	52
8 Energy Conversion Engg. Laboratory	50	33	25	23	75	56
First Attempt Total 467 / 900 ; Class of the semester : SC						
VI Semester						
1 Design of Machine Elements - II ***	100	44	25	22	125	66
2 Mechanical Vibration **	100	35	25	20	125	55
3 Modeling & Finite Element Analysis	100	35	25	15	125	50
4 Mechatronics & Microprocessor	100	66	25	20	125	86
5 Heat & Mass Transfer	100	38	25	16	125	54
6 Project Management	100	61	25	20	125	81
7 Computer Aided Modeling & Analysis Lab	50	40	25	24	75	64
8 Heat & Mass Transfer Laboratory	50	30	25	22	75	52
First Attempt Total 464 / 900 ; Class of the semester : SC						
VII Semester						
1 Control Engineering **	100	68	25	17	125	85
2 Computer Integrated Manufacturing	100	59	25	19	125	78
3 Manufacturing Process - III	100	59	25	15	125	74
4 Operation Research	100	35	25	21	125	56
5 Total Quality Management	100	69	25	18	125	87
6 Internal Combustion Engine	100	60	25	16	125	76
7 CIM & Automation Laboratory	50	45	25	24	75	69
8 Design Laboratory	50	49	25	24	75	73
First Attempt Total 549 / 900 ; Class of the semester : FC						
VIII Semester						
1 Industrial Management	100	85	25	22	125	107
2 Hydraulics & Pneumatics	100	66	25	24	125	90
3 Foundry Technology	100	74	25	24	125	98
4 Automotive Engineering	100	70	25	24	125	94
5 Project Work	100	97	100	96	200	193
6 Seminar	0	0	80	48	50	48
First Attempt Total 630 / 750 ; Class of the semester : FCD						

Class of the Degree : **First Class**

06/10CIP/06/10CIV18/28 is not considered for Grand Total and the Class Declaration

DATE : SEP 04, 2015



Registrar (Evaluation)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA.



MEMORANDUM OF MARKS

Memo. No.: 12766840

Serial No.: 10246002119

Examination: M.Tech. I Semester (R15) Supply.

Branch: HEATING VENTILATION & AIR CONDITIONING

Name: JUNAID T



Hall Ticket No. :

15K36D9106

Month & Year of Exam : August, 2016

Name of the College : K3-R I T S, DAMARGIDDA

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(Gi)	Result	Credits (Ci)
1	5291AA	ADVANCED THERMODYNAMICS	A	8	P	4
2	5291AB	ADVANCED HEAT AND MASS TRANSFER	B+	7	P	4
3	5291AC	REFRIGERATION	B+	7	P	4
4	5291AD	NON CONVENTIONAL ENERGY SOURCES	O	10	P	4
5	5291AH	REFRIGERATION EQUIPMENT & CONTROL SYSTEMS	O	10	P	4
6	5291AM	ENERGY MANAGEMENT	B+	7	P	4
SUBJECTS REGISTERED: 6			APPEARED: 6		PASSED: 6	
			TOTAL:		49	24
SEMESTER GRADE POINT AVERAGE(SGPA): 8.17						

SGPA (In Words)

**** Eight Dot One Seven ****

$$SGPA = \frac{\sum_{i=1}^N C_i G_i}{\sum_{i=1}^N C_i} \dots\dots$$



S. Tara kaly

Date of Issue : November 7, 2016

CONTROLLER OF EXAMINATIONS

Note : Any discrepancy must be represented within 15 days from the date mentioned above.

P : PASS F : FAIL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA.



MEMORANDUM OF MARKS



Memo. No.: **12761670**

Serial No.: **10237006974**

Examination: **M.Tech. I Semester (R15) Regular**

Branch: **HEATING VENTILATION & AIR CONDITIONING**

Name: **JUNAID T**

Hall Ticket No. :

15K36D9106

Month & Year of Exam : **February, 2016**

Name of the College : **K3-R I T S, DAMARGIDDA**

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(Gi)	Result	Credits (Ci)
1	5291AA	ADVANCED THERMODYNAMICS	Ab	0	F	0
2	5291AB	ADVANCED HEAT AND MASS TRANSFER	Ab	0	F	0
3	5291AC	REFRIGERATION	Ab	0	F	0
4	5291AD	NON CONVENTIONAL ENERGY SOURCES	Ab	0	F	0
5	5291AH	REFRIGERATION EQUIPMENT & CONTROL SYSTEMS	Ab	0	F	0
6	5291AM	ENERGY MANAGEMENT	Ab	0	F	0
7	529105	REFRIGERATION LAB	O	10	P	2
8	529103	SEMINAR	O	10	P	2
SUBJECTS REGISTERED: 8			APPEARED: 2		PASSED: 2	
			TOTAL:		20	04
SEMESTER GRADE POINT AVERAGE(SGPA): 1.43						

SGPA (In Words)

**** One Dot Four Three ****

$$SGPA = \frac{\sum_{i=1}^N C_i G_i}{\sum_{i=1}^N C_i} \dots\dots$$



S. Tara kaly

Date of Issue : **May 4, 2016**

CONTROLLER OF EXAMINATIONS

Note : Any discrepancy must be represented within 15 days from the date mentioned above.

P : PASS F : FAIL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA.



MEMORANDUM OF MARKS



Memo. No. : 12744780

Serial No. : 10249004060

Examination : M.Tech. III Semester (R15) Regular

Branch : HEATING VENTILATION & AIR CONDITIONING

Name : JUNAID T

Hall Ticket No. : 15K36D9106

Month & Year of Exam : February, 2017

Name of the College : K3-R I T S, DAMARGIDDA

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(Gi)	Result	Credits (Ci)
1	529107	COMPREHENSIVE VIVA-VOCE	O	10	P	4
2	529108	PROJECT WORK REVIEW I	O	10	P	12
SUBJECTS REGISTERED: 2			APPEARED: 2		PASSED: 2	
			TOTAL:		20	16
SEMESTER GRADE POINT AVERAGE(SGPA): 10.0						

SGPA (In Words)

**** One Zero Dot Zero ****

$$SGPA = \frac{\sum_{i=1}^N C_i G_i}{\sum_{i=1}^N C_i} \dots\dots$$



S. Tara kalyan

Date of Issue : May 26, 2017

CONTROLLER OF EXAMINATIONS

Note : Any discrepancy must be represented within 15 days from the date mentioned above.

P : PASS F : FAIL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD - 500 085, TELANGANA STATE, INDIA.



MEMORANDUM OF MARKS

Memo. No. : 12757006

Serial No. : 10243003863

Examination : M.Tech. II Semester (R15) Regular

Branch : HEATING VENTILATION & AIR CONDITIONING

Name : JUNAID T



Hall Ticket No. :

15K36D9106

Month & Year of Exam :

August, 2016

Name of the College :

K3-R I T S, DAMARGIDDA

S.No.	SUBJECT CODE	SUBJECT TITLE	Grade Secured	Grade Point(Gi)	Result	Credits (Ci)		
1	5291AN	AIR CONDITIONING	A+	9	P	4		
2	5291AP	VENTILATION SYSTEMS	A	8	P	4		
3	5291AQ	HEATING SYSTEMS	O	10	P	4		
4	5291AT	DUCTING & A/C SUPPLY SYSTEMS	A	8	P	4		
5	5291AX	MAINTENANCE OF A C EQUIPMENT	A	8	P	4		
6	5291AZ	GREEN BUILDING CONCEPTS	A	8	P	4		
7	529106	AIR CONDITIONING LAB	O	10	P	2		
8	529104	SEMINAR	O	10	P	2		
SUBJECTS REGISTERED: 8				APPEARED: 8	PASSED: 8	TOTAL:	71	28

SEMESTER GRADE POINT AVERAGE(SGPA): 8.71

SGPA (In Words)

**** Eight Dot Seven One ****

$$SGPA = \left\{ \sum_{i=1}^N C_i G_i \right\} / \left\{ \sum_{i=1}^N C_i \right\} \dots\dots$$



Date of Issue :

November 7, 2016

Note : Any discrepancy must be represented within 15 days from the date mentioned above.

S. Tara kalyan

CONTROLLER OF EXAMINATIONS

P : PASS F : FAIL

Date :-8 July 2020

Undertaking for Transfer Certificate Submission for Phd Admission in KARE

To :-

IRC, Kalasalingam Academy of Research and education
Anand nagar, Krishnankovil,
Tamilnadu
626128

From:-

JUNAID. T,
Phd Application number : 20200208
Email id: junaidtippu1618@gmail.com

Subject:- Submission of Transfer certificate to KARE

Dear sir,

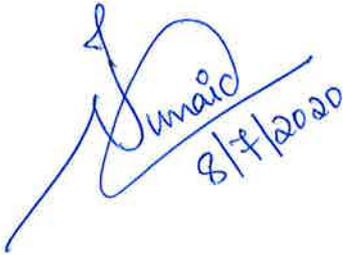
Due to COVID-19 Pandemic situation and lockdown, The Entire JNTU Hyderabad University and all colleges are closed. Therefore, it is not possible to Collect my Transfer Certificate (T.C) from College.

Once the colleges are open and the lockdown is over in Hyderabad, I will submit the TC to KARE.

Under the above COVID-19 circumstances, I Kindly request you to accept my Ph.D. application (20200208) and oblige.

Thank you very much.

Yours sincere Student, JUNAID T,



Date: 31st July 2012

To Whom It May Concern

Dear Sir or Madam,

This is to advise that **Mr. Junaid T.** was working with our organization as a **Piping Layout Engineer** since August 2011 to July 2012.

His job responsibilities include Checking of G. A. Drawings and Isometrics, Preparation of MTO's, Pressure Design of Piping / Components as per ASME Codes.

He is hardworking, efficient and honest. We wish him his success in his future endeavors.

Should you have any further question, please do not hesitate to contact the undersigned.

Very truly your's

For **IPEBS**

Mr. Md. Kamal Uddin Ahmed

Managing Director



आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

JUNAID TIPPU

IQBAL AHMED TIPPU MASTAN

24/09/1986

Permanent Account Number
AWJPT5588R

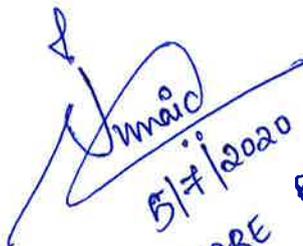

Signature







2018B14


5/7/2020
For KARE PHD.



ಭಾರತ ಚುನಾವಣಾ ಆಯೋಗ
ಗುರುತಿನ ಚೀಟಿ

ELECTION COMMISSION OF INDIA
IDENTITY CARD

ZUI2318806



ಮತದಾರರ ಹೆಸರು : ಜುನೈದ್ .ಟಿ

Elector's Name : Junaid .T

ಪಂದಿಯ ಹೆಸರು : ಮೊಹಮ್ಮದ್ ಇಕ್ಬಾಲ್ .ಟಿ.ಅಂ

Father's Name : Mohammed Iqbal.T.M

ಲಿಂಗ / Sex : ಪು / M

ಜನ್ಮ ದಿನಾಂಕ /Date of Birth: 24/09/1986

ZUI2318806

ವಿಳಾಸ : 339/1,ಹಿಂದಿಬಾಗಿ ಅಬ್ರಾರ್ ಮಸಜಿಡ್
- ಹಾಯತ್ ಸ್ಟ್ರೀಟ್

ನಗರದ

ಬೆಂಗಳೂರು ಉತ್ತರ (ಅವಧ)

ಬೆಂಗಳೂರು 560045

Address : 339/1, Behind Abrar Masjid
Hidayat Street

Nagavara

Bangalore North (Addnl)

Bangalore - - 560045

Date :30/07/2009

160, ಸರ್ವಗ್ನಾನಗರ ವಿಧಾನ ಸಭಾ ಕ್ಷೇತ್ರ, ದ
ಮತದಾರರ ನೋಂದಣಿ ಅಧಿಕಾರಿಗಳ ಅಧಿಕಾರ ಕಕ್ಷೆ

Facsimile Signature of
Electoral Registration Officer

160, Sarvagna Ngar Assembly
Constituency

ಇದರ ಬಳಕೆಯಲ್ಲಿನು ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಮತದಾರರ ವ್ಯಯ
ನಿವೃತ್ತಿ ಹಾಗೂ ಸಂಪನ್ಮೂಲ ಮತ್ತು ಸರ್ಕಾರದ ಸಹಾಯ ಗುರುತಿನ ಚೀಟಿ ಪಡೆಯಲು
ಸೂಕ್ತ ಸಮಯದಲ್ಲಿ ಈ ಗುರುತಿನ ಚೀಟಿಯನ್ನು ಪರಿಶೀಲಿಸಿ
In case of change in address, mention this Card No. in the
relevant form or including your name in the roll at the
changed P.O. and to obtain the card with same number.

Junaid
5/7/2020
For KARE PHD.



CONSPTEL QATAR W.L.L
Electrical, Mechanical and Building Services Contractors

كونسبيل قطر ذ.م.م
مقاولات كهربائية ميكانيكية • خدمات مباني

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. JUNAID.T is employed as (Designation) Mechanical Engineer in the (Department/Division Name) Department of Mechanical Engineering of (Institution/Industry Name) **CONSPTEL QATAR W.L.L, Doha, Qatar.**

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.



Signature of the Head of organization with office seal

Date: 8/5/2020