



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:25-06-2021

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202110087
Area of Research	ARTIFICIAL INTELLIGENCE	Research Mode	PART TIME

Name :DEEPA D
Date of Birth / Age :23-02-1988 / 33 Years
Gender :FEMALE
Category :BC
e-Mail ID :deepadhevan@gmail.com
Mobile :9500828665



Father's/Husband's Name	A SAKTHIVEL	Father's/Husband's Occupation	SENIOR DESIGN ENGINEER
Family Income	500000	Residential Type	RURAL
Birth Place	SALEM	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	999873023010	PAN No.	AOGPD211A
Physically Challenged	NO	Type of Disability	-
Address for Communication: 3/106 MELKADU EDAPPADI SALEM DISTRICT TAMIL NADU INDIA Pin-637107		Permenant Address: 3/106 MELKADU EDAPPADI SALEM DISTRICT TAMIL NADU INDIA Pin-637107	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
ME	CSE	ANNA UNIVERSITY/ MUTHAYAMMAL ENGINEERING COLLEGE	2011	9.4	FIRST	REGULAR
BE	CSE	ANNA UNIVERSITY/ VELLALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	2009	81	FIRST	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
RUBIXE, THINK AHEAD INNOVATIONS	DATA SCIENTIST	2020-11-18	2021-06-25	PROGRAMMING
KONGU ENGINEERING COLLEGE	ASSISTANT PROFESSOR	2017-06-05	2020-04-30	TEACHING
INFO INSTITUTE OF ENGINEERING	ASSISTANT PROFESSOR	2013-05-31	2016-11-08	TEACHING
KONGU ENGINEERING COLLEGE	ASSISTANT PROFESSOR	2011-06-01	2013-05-04	TEACHING

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202110087_210704120020	VKVB0088268115	04-07-2021	600	SUCCESS

AI based Recommender Systems

Artificial Intelligence is a field where we make computers to think smart like human beings. It also refers to the imitation of the human intelligence in the computers, which had been programmed, and it can think as well as copycat like humans. The ultimate goal of this field is learning like the humans and applying those learning to solve the complex real-world problems. The core objective of AI is to enable computers to perform intellectual tasks such as decision making, perception, understanding human communication and their languages, etc.,

Recommender systems aims to predict or discover users' interests and recommend the items/things, which they are quite interested. Recommender systems use Artificial Intelligence for improving the online search and makes recommendations related to the user's visual preferences. These systems use algorithms that aims at suggesting relevant items to users. These recommendation systems turned as a robust and challenging field of research in terms of many application areas. Recommender systems are an important class of machine learning algorithms that offer "relevant" suggestions to users. The two major paradigms of recommender systems are Collaborative Filtering (CF) and Content Based (CB) methods.

Due to AI, recommendation engines make quick and to-the-point recommendations tailored to each customer's needs and preferences. The application areas of recommendation systems are health care, medicine, E-commerce, agriculture, pharmaceutical industry, movies, music, job search, social media, etc.

The research gaps are more in the areas of health care, medicine, pharmaceutical industry and movies recommendation. In addition, less number of evaluation methods are there, so ranking based measures will help to enhance the performance of the recommendations.

Anna University Chennai



Reg. No.72305104006/RG

The Syndicate of the Anna University Chennai hereby makes known that **DEEPA D** has been admitted to the **DEGREE OF BACHELOR 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 WITH DISTINCTION** at the Examination held in **APRIL 2009**.

Given under the Seal of the University



Chennai 600 025
India
February 2010
FLM41042M50

V. Jayaram
Controller of Examinations

S. Jayaram
Registrar

P. Srinivasan
Vice-Chancellor



அண்ணா பல்கலைக்கழகம் கோயம்புத்தூர்
Anna University Coimbatore



Reg No. 091011610005

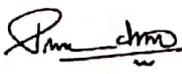
The Syndicate of the Anna University Coimbatore hereby makes known that
DEEPA.D has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **COMPUTER SCIENCE AND ENGINEERING** under the Faculty of Information and Communication Engineering having completed the prescribed programme of study and having been certified by duly appointed examiners to be qualified to receive the same and having been placed by them in the **FIRST CLASS WITH DISTINCTION** at the Examination held in **APRIL 2011.**

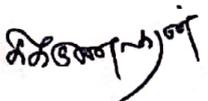
ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA



Coimbatore 641 047
India
March 2012
ANU/COE/11/047


Controller of Examinations


Registrar


Vice-Chancellor

Given under the Seal of the University

**B.E. DEGREE EXAMINATIONS****CONSOLIDATED STATEMENT OF MARKS**

NAME OF THE CANDIDATE							REGISTER NO.						
COLLEGE OF STUDY							MONTH & YEAR OF LAST APPEARANCE						
PROGRAMME & BRANCH							REGULATIONS						
SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING	SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING
01	CY1101	Chemistry-I	100	50	080	NOV 2005	06	CS1351	Artificial Intelligence	100	50	067	APR 2008
01	GE1101	Engineering Graphics	100	50	065	NOV 2005	06	CS1352	Principles of Compiler Design	100	50	061	APR 2008
01	GE1102	Fundamentals of Computing	100	50	071	NOV 2005	06	CS1353	Software Engineering	100	50	070	APR 2008
01	HS1101	English-I	100	50	087	NOV 2005	06	CS1354	Graphics and Multimedia	100	50	062	APR 2008
01	MA1101	Mathematics-I	100	50	069	NOV 2005	06	MA1251	Numerical Methods	100	50	092	APR 2008
01	PH1101	Physics-I	100	50	079	NOV 2005	06	CS1002	UNIX Internals	100	50	061	APR 2008
01	CY1102	Chemistry Laboratory	100	50	098	NOV 2005	06	CS1355	Graphics and Multimedia Lab	100	50	099	APR 2008
01	GE1103	Engineering Practices Lab	100	50	090	NOV 2005	06	CS1356	Compiler Design Lab	100	50	096	APR 2008
01	GE1104	Computer Practice-I	100	50	096	NOV 2005	06	GE1352	Communication Skills Laboratory	100	50	087	APR 2008
01	PH1102	Physics Laboratory	100	50	096	NOV 2005	07	CS1401	Internet Programming	100	50	072	NOV 2008
02	CS1151	Data Structures	100	50	066	APR 2006	07	CS1402	Object Oriented Analysis and Design	100	50	084	NOV 2008
02	CY1201	Environmental Science and Engineering	100	50	088	APR 2006	07	IT1252	Digital Signal Processing	100	50	073	NOV 2008
02	GE1151	Engineering Mechanics	100	50	077	APR 2006	07	MG1401	Total Quality Management	100	50	065	NOV 2008
02	HS1151	English - II	100	50	080	APR 2006	07	CS1009	TCP/IP Design and Implementation	100	50	082	NOV 2008
02	MA1151	Mathematics - II	100	50	085	APR 2006	07	IT1352	Cryptography and Network Security	100	50	080	NOV 2008
02	PH1157	Physics-II	100	50	076	APR 2006	07	CS1403	Case Tools Lab	100	50	097	NOV 2008
02	CS1152	Data Structures Lab	100	50	091	APR 2006	07	CS1404	Internet Programming Lab	100	50	092	NOV 2008
02	CS1153	Electronic Devices and Circuits Lab	100	50	098	APR 2006	08	IT1402	Mobile Computing	100	50	071	APR 2009
03	CS1201	Design and Analysis of Algorithms	100	50	069	NOV 2006	08	EC1008	High Speed Networks	100	50	077	APR 2009
03	CS1202	Digital Principles and Systems Design	100	50	088	NOV 2006	08	IT1012	Grid Computing	100	50	077	APR 2009
03	CS1203	System Software	100	50	077	NOV 2006	08	CS1451	Project Work	200	100	198	APR 2009
03	CS1204	Object Oriented Programming	100	50	067	NOV 2006	<p>***End of Statement***</p> <p>Classification : FIRST CLASS WITH DISTINCTION</p> <p>Total Marks (from 3rd to 8th semester): 3946 / 4900</p> <p>Percentage (rounded to nearest integer): 81</p>						
03	GE1301	Professional Ethics and Human Values	100	50	071	NOV 2006							
03	MA1201	Mathematics - III	100	50	094	NOV 2006							
03	CS1205	Object Oriented Programming Lab	100	50	083	NOV 2006							
03	CS1206	Digital Lab	100	50	097	NOV 2006							
03	CS1207	System Software Lab	100	50	096	NOV 2006							
04	CS1251	Computer Architecture	100	50	059	APR 2007							
04	CS1252	Operating Systems	100	50	078	APR 2007							
04	CS1253	Visual Programming	100	50	076	APR 2007							
04	EC1291	Analog and Digital Communication	100	50	077	APR 2007							
04	EE1291	Electrical Engineering and Control Systems	100	50	078	APR 2007							
04	MA1252	Probability and Queuing Theory	100	50	078	APR 2007							
04	CS1254	Operating Systems Lab	100	50	089	APR 2007							
04	CS1255	Visual Programming Lab	100	50	087	APR 2007							
04	EE1292	Electrical Engineering and Control Systems Lab	100	50	095	APR 2007							
05	CS1301	Database Management Systems	100	50	075	NOV 2007							
05	CS1302	Computer Networks	100	50	072	NOV 2007							
05	CS1303	Theory of Computation	100	50	073	NOV 2007							
05	CS1304	Microprocessors and Micro Controllers	100	50	070	NOV 2007							
05	MA1256	Discrete Mathematics	100	50	074	NOV 2007							
05	MG1351	Principles of Management	100	50	081	NOV 2007							
05	CS1305	Network Lab	100	50	095	NOV 2007							
05	CS1306	Microprocessors and Micro Controllers Lab	100	50	089	NOV 2007							
05	CS1307	DBMS Lab	100	50	095	NOV 2007							



V. S. M.



ANNA UNIVERSITY COIMBATORE
M.E DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF GRADES



Sl. No. C 011770

GAC - C00101JX592B

NAME OF THE CANDIDATE		DEEPA.D			REGISTER NO.	091011610005		
DATE OF BIRTH		23-FEB-1988	GENDER	FEMALE	MONTH & YEAR OF LAST APPEARANCE	APRIL 2011		
COLLEGE OF STUDY		610 - Muthayammal Engineering College			REGULATIONS	2007		
PROGRAMME & SPECIALIZATION		M.E Full Time - COMPUTER SCIENCE AND ENGINEERING						
SEM. NO.	COURSE CODE	COURSE TITLE			CREDITS	LETTER GRADE	GRADE POINT	MONTH & YEAR OF PASSING
01	071230021	ADVANCED COMPUTER ARCHITECTURE			4.0	A	9	JAN-10
01	071230024	COMPUTER NETWORKS			3.0	A	9	JAN-10
01	071230026	DATA STRUCTURES AND ALGORITHMS			3.0	A	9	JAN-10
01	071230034	OPERATING SYSTEMS			3.0	A	9	JAN-10
01	071230035	SOFTWARE ENGINEERING METHODOLOGIES			3.0	A	9	JAN-10
01	071230037	THEORETICAL FOUNDATIONS OF COMPUTER SCIENCE			4.0	A	9	JAN-10
01	071230027	DATA STRUCTURES LABORATORY			1.5	S	10	JAN-10
02	071230042	COMPILER DESIGN			4.0	A	9	MAY-10
02	071230043	DATA BASE TECHNOLOGY			3.0	A	9	MAY-10
02	071230045	INFORMATION SECURITY			3.0	A	9	MAY-10
02	071230047	OBJECT ORIENTED SYSTEM DESIGN			4.0	A	9	MAY-10
02	071230054	WEB TECHNOLOGY			3.0	A	9	MAY-10
02	071630004	HIGH SPEED NETWORKS			3.0	A	9	MAY-10
02	071230044	DATA BASE TECHNOLOGY LAB			1.5	S	10	MAY-10
02	071230055	WEB TECHNOLOGY LAB			1.5	S	10	MAY-10
03	071230007	SOFTWARE QUALITY ASSURANCE			3.0	S	10	NOV-10
03	071230014	MOBILE COMPUTING			3.0	S	10	NOV-10
03	071230016	GRID COMPUTING			3.0	A	9	NOV-10
03	071230001	TECHINCAL SEMINAR			2.0	S	10	NOV-10
03	071230002	PROJECT PHASE I			4.0	S	10	NOV-10
04	071290096	PROJECT WORK - PHASE II			12.0	S	10	APR-11
End of Statement								
CGPA		: 9.40						
Classification		: FIRST CLASS WITH DISTINCTION						



Medium of Instruction

ENGLISH

Coimbatore

Date : 06.09.2011



(Signature)

CONTROLLER OF EXAMINATIONS

Scanned by CamScanner



MUTHAYAMMAL ENGINEERING COLLEGE

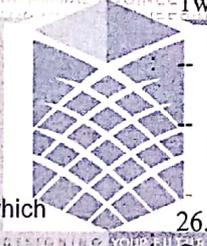
Rasipuram - 637 408. Namakkal Dist. Tamil Nadu.
Phone No. 04287 - 220837, 226837, website: www.muthayammal.ac.in

TRANSFER CERTIFICATE

S. No. : 3240

Admission No. : 4880

Roll No. : 09PCS05

1. Name of the Student : DEEPA D
2. Name of the Father / Guardian : P.Dhevannan
3. Nationality & Religion : Indian, Hindu
4. Community & Caste : BC, Kongu Vellalar
5. Sex : Female
6. Date of Birth as entered in SSLC Book
(in figure & words) : 23.02.1988
Twenty Third February Nineteen Eighty Eight
7. Identification Marks 
8. Date of admission and class in which
the student admitted : 26.08.2009 First Semester M.E.
Computer Science and Engineering
9. Date on which the student left the college : 16.06.2011
10. Class in which the student was studying
at the time of leaving : Final Semester M.E.
Computer Science and Engineering
11. Whether the student is qualified for Higher
studies under University rules : REFER MARK SHEET

12. Date of application for Transfer Certificate : 16.06.2011

13. Date of issue of Transfer Certificate : 16.06.2011

14. Whether involved in ragging and punished : NO



Note :

Erasures and unauthenticated or fraudulent alteration in the certificate will lead to its Cancellation.



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE - 638 052 TAMILNADU INDIA
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



Prof. S. KUPPUSWAMI

B.E., M.Sc.Engg., Dr.Ing.(France)
PRINCIPAL

Ref: KEC/AO/Exp_Cer./2012-13

Date: 04.05.2013

CERTIFICATE

This is to certify that Ms.D.Deepa has worked as Assistant Professor in the Department of Computer Science and Engineering at Kongu Engineering College, Perundurai, Erode, from 01.06.2011 to 04.05.2013.

Her last pay drawn details are noted below:-

Total Salary (Pay + G.P & others)	: Rs. 26,588.00
Deductions (PF + others)	: Rs. 930.00

Net Salary	: Rs. 25,658.00
	=====

Her Conduct and Character during the above Period were good.



S. Kuppuswami
4/5/13
PRINCIPAL



Phone : +91 - 4294 - 226511 (P) +91 - 4294 - 220583 (O) + 91 - 4294 - 220630 (R)

Mobile : 99428 20583 Fax : +91 - 4294 - 220087

E-mail : principal@kongu.ac.in skswami@kongu.ac.in Website : www.kongu.ac.in



REF: INFO/EST/RO/2016-17

Date: 17-02-2017

SERVICE CUM SALARY CERTIFICATE

This is to certify that Ms.D.Deepa has been working as Assistant Professor in the department of Computer Science and Engineering in our Institution from 31-05-2013 to 08-11-2016.

The last pay drawn by her was Rs.26700/- (Rupees Twenty Six Thousand and Seven Hundred Only) per month all inclusive.

During the period of her service in our institution, her conduct and character have been good.



Dr. Prasad
17/2/17
PRINCIPAL

PRINCIPAL
INFO INSTITUTE OF ENGINEERING
NH-209, SATHY ROAD, KOVILPALAYAM
COIMBATORE - 641 107.



KONGU ENGINEERING COLLEGE

(Autonomous)

THOPPUPALAYAM (PO) PERUNDURAI - 638 060 ERODE (Dt)
TAMILNADU INDIA

(Accredited by NAAC 'A' Grade, Approved by AICTE, New Delhi and
Affiliated to Anna University, Chennai)



Dr. V. BALUSAMY

B.E (Hons), M.Tech., PhD

PRINCIPAL

Ref: KEC/Esst./Exp_Cer/2020-21/07

Date: 10.06.2020

CERTIFICATE

This is to certify that Ms.D.Deepa has worked as Assistant Professor in Computer Science and Engineering at Kongu Engineering College, Perundurai, Erode, from 05.06.2017 to 30.04.2020 (Including break in service Leave on Loss of Pay from 14.07.2018 to 01.01.2019).

Her last pay drawn details are noted below:-

PAY	: Rs. 16,920.00
G.P.	: Rs. 6,000.00
D.A.	: Rs. 10,314.00
H.R.A.	: Rs. 1,000.00

Total	: Rs. 34,234.00
Deductions (PF + others)	: Rs. 2,000.00
	=====
Net Salary	: Rs. 32,234.00
	=====

Her Conduct and Character during the above period were Good.



PRINCIPAL

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

D DEEPA

DHEVANNAN

23/02/1988

Permanent Account Number

AOGPD0211A

Deepa. D

Signature



14052008

In case this card is lost / found, kindly inform / return to :

Income Tax PAN Services Unit, UTIITSL

Plot No. 3, Sector 11, CBD Belapur,

Navi Mumbai - 400 614.

इस कार्ड के खोने/पाने पर कृपया सूचित करें/लौटाएं :

आयकर पैन सेवा यूनिट, यू टी आई आई टी एस एल,

प्लॉट नं: ३, सेक्टर ११, सी.बी.डी.बेलापूर,

नवी मुंबई-४०० ६१४.

Self-attested
DD



MUTHAYAMMAL ENGINEERING COLLEGE

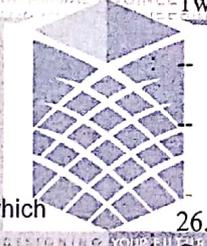
Rasipuram - 637 408. Namakkal Dist. Tamil Nadu.
Phone No. 04287 - 220837, 226837, website: www.muthayammal.ac.in

TRANSFER CERTIFICATE

S. No. : 3240

Admission No. : 4880

Roll No. : 09PCS05

1. Name of the Student : DEEPA D
2. Name of the Father / Guardian : P.Dhevannan
3. Nationality & Religion : Indian, Hindu
4. Community & Caste : BC, Kongu Vellalar
5. Sex : Female
6. Date of Birth as entered in SSLC Book
(in figure & words) : 23.02.1988
Twenty Third February Nineteen Eighty Eight
7. Identification Marks 
8. Date of admission and class in which
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9. Date on which the student left the college : 16.06.2011
10. Class in which the student was studying
at the time of leaving : Final Semester M.E.
Computer Science and Engineering
11. Whether the student is qualified for Higher
studies under University rules : REFER MARK SHEET
12. Date of application for Transfer Certificate : 16.06.2011
13. Date of issue of Transfer Certificate : 16.06.2011
14. Whether involved in ragging and punished : NO



PRINCIPAL
16/6/11

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இந்திய அரசாங்கம்
Government of India

இந்திய தனிப்பட்ட அடையாள ஆணைய அமைப்பு
Unique Identification Authority of India

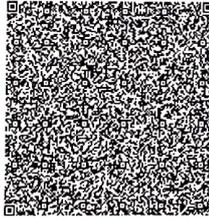
பதிவேட்டு எண்/ Enrolment No.: 2193/10714/27485

Download Date: 09/06/2020

To
தீபா தே
Deepa D
W/O,Sakthivel
D. No.3/106
Edappadi
Melkadu
Nedungulam
Nedunkulam
Salem Tamil Nadu - 637107
9500828665

Issue Date: 16/03/2018

Validity: unknown



உங்கள் ஆதார் எண் / Your Aadhaar No. :

9998 7302 3010

VID : 9195 7345 2681 0082

எனது ஆதார், எனது அடையாளம்



இந்திய அரசாங்கம்
Government of India



Download Date: 09/06/2020



தீபா தே
Deepa D
பிறந்த நாள்/DOB: 23/02/1988
பெண்/ FEMALE

Issue Date: 16/03/2018

9998 7302 3010

VID : 9195 7345 2681 0082

எனது ஆதார், எனது அடையாளம்



Government of India



தகவல்

- ஆதார் அடையாளத்திற்கான சான்று. குடியரிமைக்கு அல்ல.
- பாதுகாப்பான QR குறியீடு/ ஆப்லைன் XML / ஆன்லைன் அங்கீகாரத்தைப் பயன்படுத்தி அடையாளத்தை சரிபார்க்கவும்
- இது எலக்ட்ரானிக் செயல்முறை மூலம் தயாரிக்கப்பட்ட கடிதமாகும்.

INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
- Verify identity using Secure QR Code/ Offline XML/ Online Authentication.
- This is electronically generated letter.

- ஆதார் நாடு முழுவதிலும் செல்லுபடியாகும்.
- பல்வேறு அரசு மற்றும் அரசு சாரா சேவைகளை எளிதில் பெற ஆதார் உதவுகிறது.
- உங்கள் மொபைல் எண் மற்றும் மின்னஞ்சல் ஐடியை ஆதாரில் புதுப்பிக்கவும்
- mAadhaar செயலியைப் பயன்படுத்தி உங்கள் ஸ்மார்ட் போனில் ஆதாரை எடுத்துச் செல்லுங்கள்

- Aadhaar is valid throughout the country.
- Aadhaar helps you avail various Government and non-Government services easily.
- Keep your mobile number & email ID updated in Aadhaar.
- Carry Aadhaar in your smart phone – use mAadhaar App.

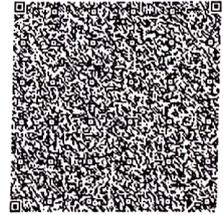


இந்திய தனிப்பட்ட அடையாள ஆணைய அமைப்பு
Unique Identification Authority of India



முகவரி:
சக்திவேல், 3/106, மேல்காடு, எடப்பாடி,
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Self-attested

[Signature]

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. D DEEPA is
employed as DATA SCIENTIST (Designation) in the
INFORMATION TECHNOLOGY (Department/Division Name)
of RUBIXE Technologies, Bangalore
(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 - NA - to - NA - 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.

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[Signature]
Director

25/06/2021

Date:

Signature of the Head of Organization with office seal