



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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:23-12-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202020174
Area of Research	BIG DATA ANALYSIS	Research Mode	PART TIME

Name :SAHEER H
Date of Birth / Age :17-05-1977 / 43 Years
Gender :MALE
Category :OBC
e-Mail ID :saheer_h@yahoo.com
Mobile :8547623190



(Signature)

Father's/Husband's Name	L V HAMEED	Father's/Husband's Occupation	EXPIRED
Family Income	500000	Residential Type	RURAL
Birth Place	CHATHANNOOR, KOLLAM	Mother Tongue	MALAYALAM
Religion	MUSLIM	Martial Status	MARRIED
Aadhaar No.	640958721922	PAN No.	ABNPH2959P
Physically Challenged	NO	Type of Disability	-
Address for Communication: LITTLE HOME MYLAPURE WEST, UMayANALLOOR PO KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691589		Permenant Address: LITTLE HOME MYLAPURE WEST, UMayANALLOOR PO KOLLAM KOLLAM DISTRICT KERALA INDIA Pin-691589	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
BTECH	COMPUTER SCIENCE & ENGINEERING	CALICUT UNIVERSITY	1999	62.68%	FIRST	REGULAR
MTECH	SOFTWARE ENGINEERING	COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY	2010	8.65 CGPA	FIRST CLASS WITH DISTINCTION	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
ITFS	SOFTWARE PROGRAMMER	1999-06-01	2002-06-10	SOFTWARE CODING & TESTING
MES COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR & SYSTEM MANAGER	2002-06-17	2009-09-06	TEACHING, NETWORK ADMINISTRATION, ERP IMPLEMENTATION

MES INSTITUTE OF TECHNOLOGY & MANAGEMENT	ASSOCIATE PROFESSOR & HOD	2009-09-07	2020-12-23	TEACHING, ADMINISTRATION
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Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020174_201223122306	VFBK9586670068	23-12-2020	600	SUCCESS

Research Proposal

BIG DATA ANALYTICS IN MEDICINE AND HEALTHCARE

To obtain the best services and care for the patients, healthcare organizations in many countries have proposed various models of healthcare information systems. These models for personalized, predictive, participatory and preventive medicine are based on using of electronic health records (EHRs) and huge amounts of complex biomedical data and high-quality – omics data. -omics data are heterogeneous, and very often they are stored in different data formats. The EHRs data can be structured, semi-structured or unstructured; discrete or continuous. Big data in healthcare and medicine refers to these various large and complex data, which they are difficult to analyse and manage with traditional software or hardware. Application of big data analytics provides comprehensive knowledge discovering from the available huge amount of data.

Regarding collection of large amount data, some challenging issues should be considered.

- Obtaining high-throughput – omics data is tied to the cost of experimental measurements.
- Concerning heterogeneity of the data sources, the noise of the experimental – omics data and the variety of the experimental techniques, environmental conditions, biological nature should be considered, before integration of these heterogeneous data and before employing of the data mining methods.
- Different data mining techniques can be applied on these heterogeneous biomedical data sets, such as: anomaly detection, clustering, classification, association rules as well as summarization and visualization of those big data sets.

Despite of these drawbacks of the – omics data, EHRs data are very influenced by the staff who entered the patient's data, which can lead to entering missing values, incorrect data as a result of mistakes, misunderstanding or wrong interpretation of the original data.

High dimensionality of the – omics data means, that there have many more dimensions or features than the number of samples makes data mining techniques to be more challenging task.

Two important issues towards big data in healthcare and medicine are security and privacy of the individuals/patients. All medical data are very sensitive and different countries consider these data as legally possessed by the patients

Register No. 95880012 APR 2010



0043053

Cochin University of Science and Technology



Faculty of Technology

The Academic Council of the Cochin University of Science and Technology hereby makes known that

.....Saheer H.....

has been awarded the

DEGREE OF MASTER OF TECHNOLOGY

inSoftware Engineering.....

he/she having undergone the prescribed course of study and having been certified by duly appointed examiners to be qualified to receive it and placed by them in the

.....First Class with Distinction.....

at the Examination held inApril, 2010.....

Given under the Seal of the University

University Buildings,

Kochi - 682 022.

Dated ...24-01-2011.....



Rchन्द्रs

Vice-Chancellor.

SI.No: 0043053

University of Calicut

FACULTY OF ENGINEERING

Whereas it has been certified by duly appointed Examiners that

Saheer. H.

is qualified to receive the Degree of Bachelor of Technology in Engineering (B. Tech.)

in Branch.....Computer Science & Engineering.....

he/she having been placed in.....First class.....at the Examination

held in.....December: 1998.....(Reg. No. 7716 VIII Sy)

July 1999

9514 VII 57

The Senate of the University of Calicut hereby confers on him/her the Degree of

Bachelor of Technology in Engineering

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY
673 635

Date 03-04-2000.

[Signature]
VICE-CHANCELLOR

Cochin University of Science and Technology

KOCHI - 682 022, INDIA



Serial No. : 128466

Section : EB

MEMORANDUM

Dated : 27-7-2010

FACULTY OF TECHNOLOGY

Department of Computer Science

The following is the cumulative grades awarded to SAHEER H at the M.Tech Degree Examination in Software Engineering April 2010

Register No: 95880012

Course Code	Course Title		Credits	Grade
Semester 1				
CSC3102	Data Structures and Algorithm Analysis	Elective	4	B
CSC3104	Computer Communication & Networking	Elective	3	A
CSS3101	Software Engineering: Principles	Core	4	B
CSS3102	Software Project Management	Core	4	S
CSS3103	Seminar	Core	1	A
CSS3104	Object Oriented Modelling & Design	Elective	3	A
Semester 1 Credits acquired: Core: 9 Elective: 10				GPA: 8.79
Semester 2				
CSC3201	Advanced Database Management	Elective	4	A
CSS3201	Business Administration & Technical Communication	Core	4	C
CSS3202	Software Architecture & Design Patterns	Core	4	A
CSS3203	Software Quality Management	Core	4	S
CSS3205	Agent Based Computing	Elective	3	A
Semester 2 Credits acquired: Core: 12 Elective: 7				GPA: 8.79
Semester 3				
CSS3301	Project and Viva- Voce	Core	18	A
Semester 3 Credits acquired: Core: 18 Elective: 0				GPA: 9.00
Semester 4				
CSS 3401	Project and Viva Voce	Core	18	B
Semester 4 Credits acquired: Core: 18 Elective: 0				GPA: 8.00
Total Credits acquired: Core: 57 Elective: 17				CGPA: 8.65

UNIVERSITY OF CALICUT

Calicut University P.O.
673 635

Folio No 0117



Dated 16.12.99

No. EE 11/1/99

MEMORANDUM

The following marks were awarded to him/her at the Eighth Semester Examination in B. Tech. (Engineering) Degree Course.

Branch—COMPUTER SCIENCE AND ENGINEERING

Reg. No. Month & Year	Group	Subject	Marks awarded		Maximum Marks		Result	
			Written	Sessional	Written	Sessional		
7716	CSE 801	Operations Research	79	45	100	50	} Passed	
December 98	CSE 802	Management Information Systems	57	46	100	50		
	CSE 803	Computer Graphics	50	35	100	50		
	CSE 804	Analysis of Algorithms	40	40	100	50		
	CSE 805	Elective COMPUTER ARCHITECTURE	51	35	100	50		
Practicals								
	CSE 806	Seminar		49	—	50		
	CSE 807	Project		93	—	100		
	CSE 808	Viva-Voce	40		100	—		
		Total of VIII Semester	317	343	600	400		
Carry over Marks								
		Total of I and II Semester	545	462	1000	600		
		,, Semester III	433	269	700	350		
		,, IV	362	259	700	350		
729 June 99		,, V	383	283	700	350		
917 January 99		,, VI	337	289	700	350		
CSE 705 Elective	9514 July 99 SIMULATION & MODELLING	VII	306	239	600	300		
		Grand Total	2683	2144	5000	2700		

Pass Minimum in a subject is 50% of marks at the University Examination or 40% marks at the University Examination and an aggregate minimum of 50% in the University Examination marks plus Sessional marks.

Name of the College : MES Engg. College Kuttippuram

To Sri/Smt. Saheev. H

Marks entered by.....


Controller of Examinations

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE

KOCHI - 682 022

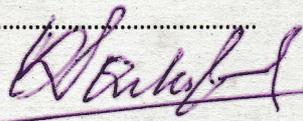
TRANSFER CERTIFICATE

No. **184**

Date: **06/11/2010**

1. Name of the Student : **SAHEER.H**
2. Date of birth as entered in admission register : **17/05/1977**
3. Number in Admission Register : **134**
4. Admitted on : **04/08/2008** In to Course **M.Tech. Software Engineering**
5. Left on : **27/07/2010** from Semester **IV**
6. Whether qualified for promotion to a higher Semester : **Yes**
7. Whether all dues to the Department have been discharged : **Yes**
8. Whether the student was in receipt of any Scholarship as concession (Nature to be specified) : **Yes. UGC - PG Scholarship**
9. Name of the Examination Passed : **M.Tech. Software Engineering**
10. Date of application for Transfer Certificate : **06/11/2010**
11. Date of Issue of the Transfer Certificate : **06/11/2010**
12. Department Seal




Head of the Department
HEAD OF THE DEPARTMENT OF
COMPUTER SCIENCE
COCHIN UNIVERSITY OF
SCIENCE AND TECHNOLOGY
COCHIN - 682 022



MES INSTITUTE OF TECHNOLOGY & MANAGEMENT

CHATHANNOOR (PO), KOLLAM - 691572

Phone: 0474-2590401, 2590700, Fax : 0474-2590700

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Approved by AICTE & Affiliated to A. P. J. Abdukkalam Technological University
[Run by the Muslim Educational Society (Regd), Calicut]

20/MES/CHN/

18/12/2020

EXPERIENCE CERTIFICATE

This is to certify that Prof. Saheer H, residing at Little Home, Mylapure west, Umayanalloor P.O., Kollam -691589 has been working as Assistant Professor in Computer Science & Engineering Department of this Institute since 7th September 2009 and promoted as Associate Professor with effect from 01/02/2019. Currently, he serves the Institute as HoD, Department of Computer Science & Engineering with effect from 01/08/2018. During this period, he was found sincere and hardworking. He is amiable in nature and character is good.

This certificate is issued based on his request.




PRINCIPAL

Dr. J. NAZAR
PRINCIPAL

MES INSTITUTE OF TECHNOLOGY AND MANAGEMENT
CHATHANNOOR P.O., KOLLAM - 691572

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

SAHEER H

HAMEED LANGALATHUV, AZHAYIL

17/05/1977

Permanent Account Number
ABNPH2959P

Signature



Self Attested
Saheer-H



ഭാരത സർക്കാർ
GOVERNMENT OF INDIA



സഹീർ ഹിച്ച്
SAHEER H
താഴ്വർ : ഹമീദ് ഹിച്ച് ഡി
Father : HAMEED LV

ജനന വർഷം/Year of Birth: 1977
പുരുഷൻ / Male

6409 5872 1922



ആധാർ - സാധാരണക്കാരന്റെ അവകാശം



ഭാരതീയ സമിശ്ലേഷ തിരിച്ചറിയൽ അതോറിറ്റി
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ഉമയനല്ലൂർ പി ഓ, തച്ചുതല
ഉമയനല്ലൂർ ഐ ഇ, കൊല്ലം, കേരളം, 691589

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E, Kollam, Kerala, 691589

1800 180 1947

help@uidai.gov.in

www.uidai.gov.in

P.O. Box No.1947,
Bengaluru-560 001

Self Attested
Saheer-H



1. Name of Candidate..... SAHEER, H.
 (In English, in block capitals, initials after the Name)
 (a) Expansion of initials, if any... H.A.M.E.E.D.
 (b) Name in Regional Language... സഹീദ്, ഹമീദ്
2. Sex (Male or Female).. Male
3. Religion..... Islam 4. Caste... Muslim
5. Place of Birth... Chathannoor
- (a) Panchayat or Town... Chathannoor. (b) Country... India
6. Nationality..... Indian
7. Date of Birth (in figures)... 17-05-1977
- (in words)... Seventeen May Nineteen Seventy Seven
8. Name of Father... L.V. Hameed
9. Name of Mother... A. Subaida Beevi
10. Name of Guardian... L.V. Hameed
- (as given in the admission register)
11. Relationship of the Guardian with the Pupil... Father
12. Occupation of the Parent/Guardian... Pharmacist
13. Parent's or Guardian's Postal Address... Subaida Manzil
- P.O.: Chethanoor, Kollam
14. Mode of Presentation... Regular
15. Personal Marks of Identification
- (i) A. black mole below the rt. clavicle bone
- (ii) A. black mole below the left clavicle bone

I certify that the entries in this page are accurate as per relevant school records.

X. Xavier

Name and Signature of Head of School with date 25.3.92
 Designation

Fr. XAVIER VELIYAKAM S.J.



HEADMASTER
 ST. MICHAEL'S A. I. H. SCHOOL
 CANNANORE-670 001.



MES INSTITUTE OF TECHNOLOGY & MANAGEMENT

CHATHANNOOR (PO), KOLLAM - 691572

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Approved by AICTE & Affiliated to A. P. J. AbdulKalam Technological University
[Run by the Muslim Educational Society (Regd), Calicut]

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr. Saheer H. is employed as Associate Professor & HoD in the Department of Computer Science & Engineering of MES Institute of Technology & management, Chathannoor P.O., Kollam 691572.

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

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 : 18th December 2020

Signature of the Head of organization with office seal



Dr. J. NAZAR
PRINCIPAL
MES INSTITUTE OF TECHNOLOGY AND MANAGEMENT
CHATHANNOOR P.O., KOLLAM - 691572