

CURRICULUM VITAE**Ravindra Nath**

(Experience 22 year as Academic, Administrative, Industry and Research)

Personal Data:

Address : **Associate Professor, BBA Central University Lucknow**
Associate Professor and Head of Department,
Department of Computer Science & Engineering,
University Institute of Engineering & Technology
CSJM University Kanpur - 208 024

Home Address : H – 1676, Avas Vikas No -1, Kalyanpur
Kanpur UP (India) 208024, Ph: +91-8948758999
rnkatiyar@gmail.com, rnkatiyar@hotmail.com

Education:

Ph.D. : Computer Science and Engineering, to CSJM University Kanpur, had been Completed 2012.

Topic : Study of Randomized Search Strategy for HMM (Hidden Markov Model Learning”

Supervisor : Dr. Renu Jain

M. Tech. : Masters of Technology (2002-2004), Information Technology, GGSIP University, Delhi passed with 73.00%.

B.E. : Bachelor of Engineering (1991-1995), Computer Science & Engineering, MMM Government Engineering College, Gorkahpur, University, Gorkahpur Passed with 75.00%.

Current Research Interest:

- Randomized algorithms and Optimization techniques
- Hidden Markov Model
- Computer Networks and Routing Algorithms
- Computational Algorithms
- String Matching
- AI and Machine Learning

Academic and Administrative Appointments:

1. Director and Dean of University Institute of Engineering and Technology from 19-12-2018 to 2-06-2021 and HOD 07-05-2018 CSE Department. Chief Warden of CSJM University and In-charge of Value Education Center.
2. Reader (30-June-2009-Today) CSJM University Kanpur, Department of Computer Science.
3. Senior Lecturer / Lecturer (13-09-2004 - 29-09-2009) CSJM University Kanpur, Department of Computer Science and Engineering.
4. Senior Lecturer (1-11-2001 –6-09-2004) (AKG Engineering College Ghaziabad) UP Technical University Lucknow, Department of Computer Science.
5. Lecturer (10-02-2001 – 31-10-2001) (SIET Meerut) UP Technical University Lucknow, Department of Computer Science
6. Programmer (18-07-2000 – 30-11- 2000) LBS National Academy of Administration, Mussoorie.

7. Lecturer (25-04-1999 –10-05-2000), Dr. KN Modi Institute Modi Nagar, CCS University Meerut, Department of Computer Science.
8. Research Associate (15-09-1997–02-02-1999) Indian Institute of Management Lucknow.

Ph.D Superviesd and awarded :

1. Supervisor : Nidhi Katiyar, UPTU Lucknow, Feb 2014.
Topic : New Drug Candidates against NS5 Methyl Transferase Flavivirus family of Dengue Virus with using Hidden Model Approaches.
Enroll No : Ph.D/13/BIOINFO/1271
Reg Date : 19-Dec-13
Stautus : Thesis Submitted and Awarded
2. Supervisor : Noopur Singh, UPTU Lucknow
Topics : Identification and Prediction of coding regions of DNA using Machine Learning Approaches.
Enroll No : Ph.D/15/BIOINFO/1745
Stautus : Thesis Submitted and Awarded
3. Supervisor : Pallavi Singh.
Topic : A comparative analysis of distribution and conservation of microsatellites to Identify unique motifs in sequenced *Candida* species and development of species Specific markers.
Enroll No : Ph.D/15/BIOINFO/1746
Reg Date : 24-june-2015
Stautus : Thesis Submitted and Awarded
4. Co-Super visor : Ms. Mamta Sagar (13PHBIN208), SHIA, Tecnology and Science Allahabad UP India date:11-Feb-2015.
Topic : Computer Aided Protein Design and Engineering to Enhance Anticancer Property of Flavonoids.
PID NO: 13PHBIN208
Stautus : Submitted
5. Co-Super visor : Ms. Kalpana (13PHBIN208), UPTU Lucknow
Date of registration-19 dec-13.
Enrollment no. Ph. d/13/Biotech/1250
Topic : Design and development of novel antiparasitic agents against *Cryptosporidium parvum* inosine monophosphate dehydrogenase.
Status : Thesis Submitted and Awarded
6. Supervisor : **Manish Tiwari**
Enroll no : **PHD202200002098**

Approved Ph. D Guide:

- Apporved PH. D Supervisor Guide at CSJM University Kanpur Date 20/08/2021
- Apporved PH. D Supervisor Guide AKTU Lucknow Date 20/08/2018

Ph.D Thesis Valuation:

1. Title : “Secure watermarking Techniques for IPR Protection of Computer Software”,
Student Name : Yogesh kumar Awsthi
Supervisor Name : Prof Birendra Kumar Sharma,
University : Shobit University Meerut
Date : 10-Feb-2015.

2. Title : “Study of various issue on security and develop a security mechnisn for transport layer”,

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University : Lucknow University Lucknow

Date : 13-09-2022.

Phd Viva

3. Title : “Study of various issue on security and develop a security mechnisn for transport layer”,

University : Lucknow University Lucknow

Date : 19-06-2023.

4. PHD Research Work meeting: As a External Expert at the Ph. D Research RAC/FRC at FET, RAMA UNIVERSITY, UTTER Pradesh Kanpur date 22. March 2022

Member of editorial board and advisory board:

1. International journal of wellness (An annual journal) IEEE International Conference on Communication, Security and Artificial Intelligence (ICCSAI 2022)

It is proposed to be jointly organized by School of Computing Science and Engineering, Galgotias University, India and School of Electrical, Computer and Telecommunications Engineering at University of Wollongong, Greater Sydney, Australia on Nov 5th - 6th, 2022.

2. Member of paper Reviwer:

1. **International Confrence on Intelligent computing and Security iics 2021 17-18 dec 2021**
2. Journal of Instrumentation Technology and Innovation, “Uncertainty prediction in brain Tumor Segmentation”, ISSN: 2249-4731

Member of Technical bodies:

Life time member : Computer Society of India.

Member ship No: 01152002

Member of VDGGOOD Technological factory

Awrard:

1. Best Research Paper Award:

Title : CpG Sequence Identification Using Hidden Markov Models (HMM) and Randomized Search Algorithms

Author : Ravindra Nath and Renu Jain

Name of Conference International Conference on Computer Science an IT Applications ICSIT-2011

No. of pages : 6

Place : New Delhi

Year : Nov, 2011.

2 Best Teacher Award: 2020

By: Sahyog Foundation & Muskuraye Kanpur

3. Best Researcher Award: International Scientist Awards 2020 on Engineering, Science and Medicine 26&27 September 2020 VD Good Technology Factory| Hyderabad, India

3. E-Content Developmen : E-Content Development Awards 2022 on CSJM University Kanpur

Patent:

1. Ultraviolet sterilization device 373556-001 date: 03/11/2022

Dr. Sashwat Katiyar, Dr Ravindra Nath, Dr. Ajay Kumar Gupta, Dr. Sourabh Mishra, Dr. Anju Singh

Delivered Lecturer:

1. Delivered lecturer at IET Budenelkhand university Jhansi at the topics “ artificial Intelligence and integrated with HMM” on date 14/03/2021
2. Delivered lecturer at Shree Shakti Degree College in the topics “ C programming Language” on date 10/09/2022
3. Delivered lecturer at Axis college Kanpur “ Orintation on BCA and MCA Programme” on date 08/09/2021
4. Delivered lecturer at “sachiwalya Training and Management Institute “Computer In office Automation” on date 21 -26/11/2016
5. Delivered lecturer at “sachiwalya Training and Management Institute “E-Governance” on date 21 -26/11/2016

Uploaded Lecturer on YOUTU:

1. Hidden markov model and Randomized algorithms1, Date 14/05/2021, <http://youtu.be/qdkeg749j8c> (private)
2. Hidden markov model and Randomized algorithms2, Date 15/05/2021, <http://youtu.be/vlf2Pt70sq8> (public)
3. Hidden markov model and Randomized algorithm3, Date 17/05/2021, <http://youtu.be/idqpU4dpmdq> (public)
4. Computer networks (<https://gyansanchay.csjmu.ac.in/category/in-campus/?colleges=uiet-kanpur&courses=bachelor-of-technology&s=computer+networks>) Published 2021/12/10 at 7:23 am
5. Data Structure <https://gyansanchay.csjmu.ac.in/data-structures-cse-s201/> Published 2021/11/10 at 10:05 am
6. Design and analysis of Algorithms 2021/11/09 at 11:14 am <https://gyansanchay.csjmu.ac.in/design-and-analysis-of-algorithms/>

Member of National Advisory committee board/ International Conference:

1. Member of National Advisory Committee board at “ International conferences on Digital Transformation A strategic approach towards sustainable development (ICDTSD-2022)”,11-12 feb 2022, orgnized by Institute of mamagement Research and trainging IMERT, Pune, Maharasstra.
2. Member of Technical Programme committee and Reviewer at “International Conference on Computational Intelligence and Sustainable Engineering Solution (CISES-2022) held on 20-21 December 2021, at G L Bajaj Institute of Technology and Management, Greater Noida.

Member of a Selection Committee Meeting:

1. A selection committee meeting for the recruitment of Guest Faculty in the Computer Science & Engineering Department HBTU Kanpur.

Published Book :

1. A Handbook on Computer Fundamental and C programming By Dr. Ravindra Nath Shree Publishers and Distributors, ISBN No: 978-93-90674-30-5, 2021

Book Chapter:

1. **Title** : Insulin Chart Prediction for Diabetic Patients Using Hidden Markov Model (HMM) and Simulated Annealing Method
Author : Ravindra Nath
Name of book : Advances in Intelligent Systems and Computing, Series Volume-2362014, Series ISBN, 9781-81-322-1601-8(print) 9781-81-322-1602-5,(online)
Publisher : Springer India Copyright Holder Springer India

No. of pages : Six
Place : 2014
Year : February 2016

2. BOOK title: Advancements in Cyber Crime Investigation and Digital Forensics Chapter Proposal for: Artificial Intelligence Applied to Computer Forensics, Published by: CRC Press (Taylor & Francis Group)

MOOC Course:

1. Algorithms for protein modelling for engineering Design, IIT Kharagpur, 12 week

FDP Organized:

1. **2022 3-2028** Organized a **Eight day** FDP at UIET CSJM University from **AICTE ON** “Universal Human Values(UHV-II)”and CSJM University Kanpur, **From 28 march 2022 to 4 april 2022 no of participants 40**
2. **21-09-2009** orgnoised a FDP on “Universal Human values “ at UPU Lucknow

FDP attended:

1. **2023_08_(07-08)** professional development program, “ **chintan shivir for NIRF QS ranking NAAC and NEP2020**” attend at CSJM University Kanpur.
2. **2016_01_(25_30)** on “**Advanced Algorithms in Computing**”, at HBTI, Kanpur.
3. **2013_06_(25_30)** 6 days FDP attended at HBTI, Kanpur, on “Modeling Simulation and Analysis of Engineering Systems”.
4. **2009-10_08** attended fdp at CSJM university Kanpur .
5. **2008_03-(24 to 28) 5 days** FDP Programme, at IIT Delhi, on “Intellectual Property Rights ”.

QIP attended:

1. **2012_06_(25-29)** attended five days QIP Program at IIT Roorkee, on “Recent Advances in Genetic Algorithms and their Applications in Engineering Design”.
2. **2014_12_(16_19)** at IIT Delhi, on Quality improvement Programme, “Optimization Methods and Application”, 16-19, December 2014
3. **2009_09_(22_26)** QIP attended at IIT Guwahati on topic “advanced wireless communication”.
4. **2005_06_(13_25)** 15 days at IIT Delhi, on “ Knowledge Based system and Prolog”,

Refreshar Course attended:

1. **2008_06_(2_14)** 13 days at NIT Warangal, on “ Data Communications & Networking”, dated (2-14) -June-2008.

Seminar Orgnized:

1. **2023_08_21** Organized a Seminar for the B Tech students on the topic “Campus to Corporate”, From Rebliss Company at UIET4 Seminar hall at UIET CSJM UNIVERSITY Kanpur, dated 21 Aug 2023

Workshop Organized:

1. 2023_08_(8_13) a CSJM University hostel students workshop on “Universal Human Values” on CSJM university Kanpur no of participants 60.
2. 2022_06_(17_24) Organized a Eight day Students workshop at UIET CSJM University “Universal Human Values(UHV-II)” at CSJM University Kanpur, From (17-06 to 24-06) 2022.
3. 2019_19 at UIET CSJM University Kanpur on topic “ an Essay Competition on bioinformatics and application”
4. 2014_04_21 IIT Bombay at UIET CSJM University Kanpur,” Linux workshop” on 21-04-2014.
5. 2014_04_21 IIT Bombay at UIET CSJM University Kanpur,” C and C++ Workshop”, on 11-04-2014.
6. 2013_03_09 at HBTI, Kanpur, “Issue and Challenges of Computer Science & Engineering as a Discipline”,.
7. 2011_01_(13_15) at CSJM University Kanpur, on ”International workshop on Biometrics & its application in forensic Science”, 13-15,January 2011.
8. 2007_02_(23_24) at UIET CSJM University Kanpur, on “National workshop on current trends in Computing & Bioinformatics”, 23-02-2007 to 24-2-2007.
9. 2000_10_13_27 at LBSNAA Mussoorie, on “Web administration”, 13-10-2000 to 27-10-2000.

Workshop Attended:

1. 2015_05_(04_05) at IIT Kanpur, on ” Statistical Analysis for Engineers”, 04-08, may 2015.
2. 2013_03_09 at HBTI, Kanpur, “Issue and Challenges of Computer Science & Engineering as a Discipline”,
3. 2012_02_16 at CSJM University on “ Biomedical waste management”
4. 2009_07_(15_18) IISc Baagalore, one week workshop on ”Introduction to Graph and Geometric Algorithms ”, July 15-18, 2009
5. 2007-10_(4_6) UPTU Lucknow, Multi Core Programming, (4- 6) Dec-2007.
6. 2007_05_(22_24), at IIT Kanpur, “Value Education Through Jeevan vidya”, 22-24, May, 2007

Short term Course Attended:

1. 2019_12_(9_13) at IIT Kanpur on “ artificial Intelligence and fuzzy system”
2. 2017_05_(22_26) at TTTI chandigarh on” Wireless Network through ICT”
3. 2017_06-(20_25) at IIT BHU Varanasi, QIP Short term Course, on “International; Training workshop on fuzzy Logic with application”, 20-25, June 2017
4. 2017_12_(4_8) at IIT Kanpur, on “Deep Learning and Computational Intelligence in automation and control” from December 4 to 8, 2017.
5. 2016_11_(7_11) at TTTI Kolkata, on “ Problem solving and Decision Making”
6. 2012_09_(17_21) at IIT Kanpur , on ” Intelligent Informatics System”, (17 -21)-Sep-2012
7. 2008_09_(22_26) at IIT Guwahati, “ Advanced wireless communication”.
7. 2010_10_(20_26) at IIT Guwahati, for QIP Programme, on “Multimedia Communication”.
8. 2018_06_30_03 at IIT Kanpur, on “Embedded System Design for internet of Things”.
9. 2007_07_(2_7) at IIT Kanpur, on “Multicore Architectures”, (2-7) July 2007

Confrence Orgnized:

1. 2017_02_10_12 at IIT Kanpur, on“International conference on Human value s in Higher Education”.
2. 2017_10_(5_7) at CSJM University Kanpur, on ” International Conference On fight Against Cancer”.
3. 2016_-2_28 on CSJM University Kanpur on “Biodiversity Traditional medicine and public Health”.

4. 2014_11_(14_15) at CSJM University on “National conference on wellness”.
5. 2014_04-(19_20) at CSJM University Kanpur, on “Libraries Through Digital Paradigm NCLTDP”.
6. 2014_04-(12_13) at UIET, CSJM University Kanpur, on” Ethical Hacking workshop”.

Conference Attended:

1. 2016_02_28 Paper Presented at India Habitat Center New Delhi on “TSP problem By Diskstra and Bitonic alogorithm ”
2. 2016_03_03 paper Presented at IGETST on “Method for Protein structure prediction”.
3. 2014_04_(5_6) at HBTI, Kanpur, on “National Conference On Internet Security and Cyber Law”.
4. 2011_11_06 paper Presented at IRNet Delhi on “CPG sequence Identification”.
5. 2010_03_(03_05) paper Presented at ICCIA on “Estimating HMM Parameter”.
6. 2019_03_(06_07) paper Presented at IEEE on “Using Randomized Search Algorithm”.

Other FDP worksop:

1. A FDP is organized at UIET CSJM UNIVERSITY on “BLOCK-CHAIN” from 31 Sep to 4 Sep 2020 Sponsored By AICTE Delhi.
2. A Seven day FDP at UIET CSJM University from **ON “Universal Human Values(UHV-II)”**and CSJM University Kanpur, From 20 July 2023 to 16 aprail 2023 no of participants 25
3. A five days Students’ Workshop on Universal Human Values (UHV) Date from 6th to 10th Oct-2022 (5:30 pm to 7:30 pm) no. participants 120
4. One day workshop organized at CSJM University Kanpur Date 19-10-2022, no. participants 50
5. One day workshop organized at CSJM University Kanpur, date 03-11-2022, no. participants 60
6. Eight day workshop organized at CSJM University Kanpur, date 18-01-2023 to 25-01-2022,no. participants
7. CSJM University Kanpur, four day workshop,” Abhiyan aids se bachav ka”, from 29-11-2012 to 2-12-2012
8. Organized Mathematics Day shree Ramanuj Day 22/12/2020
9. Member of organizing committee “International conference at Nanotechnology” at IIT Kanpur
10. Organize “Fit India Movement “ 28/08/2019
11. UPTU Lucknow, FDP Programme, “Human values and professional ethics”, 21-24, May, 2009.
12. IIT Kanpur, International Conference on Human values in Higher Education, 10 -12 Feb, 2017.
13. 2023_22_09 at UIET CSJM University Kanpur on “ Youth Empowerment ”

Dr. Ravindra Nath (Year wise papers and BOOK Published)

TITLE	YEAR
<input type="checkbox"/> <u>sci 0.55 Thermal and microwave-absorbing properties of doped polyaniline–epoxy nanocomposites for stealth applications</u> RN Vivek Pratap1,a) , Aasim Hussain2, Rajesh Katiyar3, Amit K. Soni1, Mohit ... Journal of Materials Research DOI:10.1557/s43578-023-01125-3 IF 3.0 (2022 ...	

- [Splice-site identification for exon prediction using bidirectional LSTM-RNN approach](#) 1 2022
 N Singh, R Nath, DB Singh
 Biochemistry and Biophysics Reports 30, 101285
- [Splice-site identification for exon prediction using bidirectional LSTM-RNN approach](#) 2022
 DBS Noopur Singh , Ravindra Nath
 Biochemistry and Biophysics Reports [https://doi.org/10.1016/j.bbrep.2022 ...](https://doi.org/10.1016/j.bbrep.2022...)
- [STUDY OF COVID-19 AND PREDICTION OF FUTURE MODEL USING MACHINE LEARNING](#) 2022
 AA Ravindra Nath1, Nidhi Katiyar2, Ashish Kumar Saini3
 Journal of Science and Technology, Vol. 07, Issue 02, March-April 2022 ...
- [SCOPUS INDEX, Identification of novel anti-cryptosporidial inhibitors through a combined approach of pharmacophore modeling, virtual screening, and molecular ...](#) 2021
 Kalpana Katiyar, Ramesh Kumar Srivastava, Ravindra Nath
www.elsevier.com/locate/imu, Informatics in Medicine Unlocked 24 (2021 ...)
- [SCOPUS 2021 Inhibition of Calcium-dependent Protein Kinase 1 from Cryptosporidium parvum: An In-Silico Approach from Protein Modelling to Lead Compounds Identification for ...](#) 2021
 Kalpana Katiyar, Ramesh Kumar Srivastava, Ravindra Nath
 International Journal of Emerging Trends in Engineering Research 9 (3), ISSN ...
- [SCOPUS 5.78, Prediction of Eukaryotic Exons using Bidirectional LSTM-RNN based Deep Learning Model,](#) 2* 2021
 DBS Noopur Singh1, Ravindra Nath2
 International Journal of Emerging Trends in Engineering Research 9 (ISSN 2), 3
- [Virtual Docking of VBP1 with HBX and NFκB Protein to Study the Activation of NFκB in the Regulatory Mechanism of Liver Cancer](#) 2021
 RNPWR Mamta Sagar a*, Padma Saxena a,b, Suruchi Singh c
 Current Journal of Applied Science and Technology 74 (40(39): Article no ...
- [2021 SCOPUS Genetic Algorithm Approach to Find the Estimated Value of HMM parameters for NS5 Methyltransferase Protein Biomedical and Pharmacology Journal](#) 2021
 ravindra nath nidhi katiyar
 Biomedical & Pharmacology Journal 14 (3), 1567-1578
- [Book Chapter Advancements in Cyber Crime Investigation and Digital Forensics](#) 2021
 MV Ravindra nath
 Artificial Intelligence Applied to Computer Forensics
- [A Handbook on Computer Fundamental and C programming](#) 2021
 BDR Nath
 ISBN No: 978-93-90674-30-5 Shree Publishers and Distributors 1, 170
- [Rabin Karp algorithm based microsatellite searching in whole genome,](#) 2021
 Ravindra Nath, Pallavi singh
 Bioinfolet 18(1A) 25-31 18 (1A), 25-31

- ❑ AN ARTIFICIAL INTELLIGENCE TECHNIQUES BASED ON DISTRIBUTED OPERATING SYSTEM 2021
Dogo Rangsang Research Journal UGC Care Group I Journal ISSN: 2347-7180 11 ...
- ❑ Comparative Genomics Analysis of Cryptosporidium Parvum and Repurposing of Triazole Derivative as Anti-Cryptosporidial Agents Biomedical & Pharmacology Journal, March 2020. Vol ... 2020
RN Kalpana1, R.K Srivastava
Biomedical & Pharmacology Journal 13 (1), p. doi
- ❑ Improved Synthesis of Flavonoids by Simulation of Nargenine Chalcone Biosynthetic Reaction. 2020
RNKSA Mamta Sagar1,2*, Pramod Wasudev Ramteke3*
Current Journal of Applied Science and Technology 39 (CJAST.59953 ISSN), 61-80
- ❑ Molecular methods for Diagnosing Candida Infection 2019
RN PALLAVI SINGH
, Asian Journal of Microbiology and Biotechnology , 4(2): , 2019 ISSN: 2456 ...
- ❑ SCOPUS Estimated Value of Hidden Markov Model Parameters for NS5 methyltransferase Protein of Dengue Virus 2019
R Nidhi katiyar
International Journal on Emerging Technologies 11(1): , . (Print): 0975-8364 ...
- ❑ A survey: Speech recognition approaches and techniques 20 2018
AP Singh, R Nath, S Kumar
2018 5th IEEE Uttar Pradesh Section International Conference on Electrical ...
- ❑ Genetic Algorithm Approach to Identify English like Written Character 2018
DSK Atma Prakash Singh, Dr. Ravindra Nath
: e-ISSN: 2278-0661, P-ISSN: 2278-8727, Volume 20, Issue 4, Ver. II (Jul ...
- ❑ In-Silico Protein-Ligand Docking Studies against the NS5 Methyltransferase Protein of Dengue Virus 2018
RN Nidhi Katiyar
BY , International Journal of Computer Trends and Technology (IJCTT ...
- ❑ Structure based drug designing against Inosine Monophosphate Dehydrogenase Receptor, of Cryptosporidium parvum 2018
RN Kalpna, Ramesh Kumar Srivastava
2018 IEEE 978 (1), 1-5386-6434
- ❑ Methods for Protein Structure Prediction and Its Application in Drug Design Using Hidden Markov Model 2018
RN Nidhi Katiyar
International Journal of Emerging Trends in Science and Technology 3 (03 ...
- ❑ A Review: Character Recognition system for online and offline Handwritten Character 2017
SS Atma Prakash, Ravindra Nath
Journal 6 (2), 26-32
- ❑ Cryptosporidiosis Challenges for Chemotherapy to AIDS Subpopulation 2017
NS Kalpana, R.K. Srivastava, R. Nath

- International Journal of Scientific Research in Computer Science and ...
- ☐ Handwritten English Character Recognition using HMM, Baum-Welch and Genetic Algorithm 3* 2016

RNASS Kumar
International Journal of Computer Science and Information Technologies 7 (4 ...
 - ☐ Approximate Solutions for Shortest Path Queries in Graphs using Voronoi Duals 2016

R Nath
International Conference on Optimization 1 (1), 6
 - ☐ Approximation solution of Traveling Salesman Problem using Dijkstra and Bitonic algorithms 2016

R Nath
International Journal of Innovations & Advancement in Computer Science 5 (2 ...
 - ☐ Insulin Chart Prediction for Diabetic Patients Using Hidden Markov Model (HMM) and Simulated Annealing Method 2016

RJ Ravindra Nath
Advances in Intelligent Systems and Computing, Series Volume 5,(5, 9781-81 ...
 - ☐ Methods for Protein Structure Prediction and Its Application in Drug Design Using Hidden Markov Model 2016

RN Nidhi Katiyar
International Journal of Emerging Trends in Science and Technology Impact ...
 - ☐ Handwritten English Character Recognition using HMM, Baum-Welch and Genetic Algorithm 2016

R Nath, S Kumar
international journal of Computer Science and Information Technology 7 (4 ...
 - ☐ Proceedings of the Second International Conference on Soft Computing for Problem Solving (SocProS 2012), December 28-30, 2012 3 2014

BV Babu, A Nagar, K Deep, M Pant, JC Bansal, K Ray, U Gupta
Springer
 - ☐ Insulin Chart Prediction for Diabetic Patients Using Hidden Markov Model (HMM) and Simulated Annealing Method 1 2014

R Nath, R Jain
Proceedings of the Second International Conference on Soft Computing for ...
 - ☐ CpG Sequence Identification Using Hidden Markov Models (HMM) 2011

R nath
International Conference on Computer Science and IT Applications 1 (1), 6
 - ☐ Study of randomized search strategies for Hidden markov model learning 2011

R Nath
CSJM University Kanpur
 - ☐ Parameter Estimation of Hidden Markov Models (HMM) using Go With the Winner Algorithms 2 2011

R Nath, R Jain
International Journal of Computer Applications 975, 8887

- ❑ Implementation of Genetic Algorithm to estimate HMM learning parameters 2010
RJ Ravindra Nath
ICC IA-2010 1 (1), 7
- ❑ Using randomized search algorithms to estimate HMM learning parameters 8 2009
R Nath, R Jain
2009 IEEE International Advance Computing Conference, 159-164
- ❑ IDENTIFICATION OF EXONS IN EUKARYOTIC GENOMIC DNA USING MACHINE LEARNING APPROACH
N Singh, R Nath