

Curriculum Vitae

Dr. Syed Hauider Abbas

M. Tech., Ph.D. (Computer Science& Engineering)

Assistant Professor of Computer Science & Engineering

Phone: +91-8542976886/ 9140952561

E-mail: abbasphdcse@gmail.com, shabbas@iul.ac.in

ORCID ID: <https://orcid.org/0000-0002-9893-6741>

<https://www.researchgate.net/profile/Dr-Syed-Abbas>



Research Gate: H-Index-9, Google Scholar-9

CAREER OBJECTIVE

I am seeking a challenging position with a reputed organization that is rapidly expanding, adopting and offers good advancement potential in academics, research and development. I would like to be a position with a strong emphasis on Academics, Research and Development..

EDUCATIONAL QUALIFICATION

- Pursuing **Post-Doctoral Fellowship (PDF)** (Computer Science & Engineering) in Machine Learning, in S.N University,kartantaka, **Registration Number-21SUPDR026**.
- **Ph.D (Computer Science & Engineering) Full-Time**, Entitled “ Image Processing Using Ant Colony Optimization” in the field of Image Processing from Shri Venkateshwara University.
- **Passed M.TECH (CSE) Full-Time in First Class** with Specialization in Peer-to-Peer Live Streaming and Video On Demand Design Issues and its Challenges from Dr. MGR University, Chennai.

➤ **Passed B.TECH (CSE) in First Class** from IET, Jhansi

TOTAL WORKING EXPERIENCE: 13+ YEARS

FIELDS OF RESEARCH INTEREST

Machine Learning, Deep Learning, AI, CNN, Image Processing, Industry 4.0 & 5.0

DETAILS OF EMPLOYEE & TEACHING EXPERIENCES IN CHRONOLOGICAL ORDER

S.No.	University	Designation	Period	Nature of Duties
1.	Integral University, Lucknow	Assistant Professor	08 December 2018 to till date.	Teaching & Research Supervision of all activities related to IT and supports of the university
2.	Shri Venkateshwara University	Research-Scholar Cum Teaching/Assistant Professor	02 Jan 2016 to 07 December 2018	Teaching and Research & Worked
3.	SIMT, Lucknow	Assistant Professor	02 July 2013 to 15 Dec 2015	Teaching and Research
4.	Dr.MGR University, Chennai	Lecturer	04 May 2009 to June 2013	Supervision of all activities related to IT and supports of the university

COURSES TAUGHT AT UG LEVEL AND PG LEVEL

No.	Course Description
1.	Artificial Intelligence Soft Computing
2.	Artificial Intelligence
2.	Cyber Law & Information Security
3.	Computer Graphics & Animation
4.	Java Programming

7.	Principle of Programming Languages
9.	Fundamentals of Computer/ Computer in Management

PROGRAMMING LANGUAGES KNOWN

SQL, VB, .NET, C, C++, JAVA, FORTRAN

DETAILS OF PHD BEING GUIDED/SUPERVISED

S. No.	Name of Students	Degree	Title of the Research	year of Passing
1.	Kale Surekha Kashinath	Phd	An Acquisition On Data Privacy And Security In a Cloud Using a Secure Multi-Cloud Framework	PhD Pursuing
2.	Neha	Phd	“Security Components And Protection Issues in Cloud Capacity Framework”	PhD Pursuing
3.	Saman Khan	PhD	“ A proposed ML based framework for security in cloud computing”	PhD Pursuing

DETAILS OF M.TECH GUIDED/SUPERVISED

S. No.	Name of Students	Degree	Title of the Research	year of Passing
1.	Mohd. Salmaan	M. Tech	Document Recognition and Data Extraction From Reprinted Form, An Intelligence Approach	Completed July 2014 (AKTU)
2.	Vipin Rai	M. Tech	Some Studies on Wireless Mesh Network Software Reliability	Completed 2016 (SVU)
3.	MD Makarim Khurshid	M.Tech	Cloud Computing Security Issues and Challenges	Completed by 2023

**CONFERENCES/WORKSHOP/ ORIENTATION COURSES/ FDP/ SEMINAR
CONDUCTED**

S. No.	Workshop/ Orientation Courses/ Trainings Description
1.	Participated two days International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023) Sponsored by, Department of Computer Science & Engineering by BBDITM, December 21 – 22, 2023
2.	Participated a one Week Faculty Development Programme on AI/ML and Data Science for Industry 4.0 Sponsored by, Department of Computer Science & Engineering, NITTTR Chandigarh held on August 20-25, 2023
3.	Awarded technical reviewer of CISES-2023 sponsored by IEEE April 28-30, 2023
4.	An Organized a two days essay writing and self recitation Sponsored by the Integral university, Lucknow on December 05-06, 2022
5.	Participated a one Week Faculty Development Programme on Open Source Technologie Sponsored by, Department of Computer Science & Engineering, NITTTR Chandigarh held on October 16-21, 2022
6.	Participated a one Week Faculty Development Programme on Artificial Intelligence for Sustainable Development Sponsored by Artificial Intelligence Research Centre, Department of Computer Science & Engineering, BBD University held on September 17-22, 2022
7.	Participated a Two Weeks Online Faculty Development Programme on Machine Learning & Deep Learning Sponsored by the AICTE held on October 19-31, 2020.
8.	Attended an International Workshop on Ethics of writing Research Paper Sponsored by the BNCET, Lucknow June 12-13, 2020
9.	Attended Machine Learning Workshop sponsored by the Brain-O-Vision May 27-29, 2020
10.	Participated workshop Introduction to Big Data & Artificial Intelligence sponsored by the Institute of Leadership & Governance, Vadodara, Gujarat May 31, 2020

11.	Attended a National workshop On Day Workshop On C & C++ sponsored by the IITBombay February 29, 2020
12.	Attended a multi disciplinary international workshop sponsored by KMCU,University, Lucknow, February 23, 2020
13.	Attended a Conference Excel your power point presentation sponsored by Integral,University, Lucknow, September 27, 2019
14.	Attended a Conference Xamarin Android Technologies sponsored by Integral, University, Lucknow, March 14, 2019
15.	International Conference on “Computing for Sustainable Global Development”, 1 -3 rd March, India, March, 2017.
16.	Participated in workshop and hands-on-Training on research methodology sponsored by the DOLPHIN, Feb 9-10, 2017
17.	Attended a workshop on MATLAB Xamarin Android Technologies sponsored by Integral, University, Lucknow, MAY 07, 2016
18.	Participated in workshop and hands-on-Training on research methodology sponsored by the DOLPHIN, Feb 16-18, 2017
19.	5 th National Conference, INDIACom-2011, New Delhi, India, March, 2011.
20.	2 nd National Conference, NCAICom-2008, New Delhi, India, February, 2008.

MEMBER OF PROFESSIONAL BODIES

Name of Professional Body	International/ National	Membership Details
International Association of Engineers (IAENG)	International	126323
Indian Society for Technical Education (ISTE)	National	67559

KEYNOTE LECTURE DELIVERED

- Delivered a Guest Lecture Big DATA on November 11th 2022 at Glocal University, Saharanpur.
- Delivered a Guest Lecture on Distributed Digital Image Processing on 29th March 2022 at Sunrise University .
- Delivered a Guest Lecture on Machine Learning on November 11th 2021 at OPJS, University.

SESSION CHAIR & AWARDS

- Session Chairs of International Conference on Advances in Emerging Trends in Computer Applications (ICAETC-2023) organized by BBDITM
- Awarded as the best paper in the International Conference on Advances in Emerging Trends in Computer Applications conference.
- Received 2021-21, **Yuva Acharya Award**, All India Level, the Biggest Award Ceremony of Education and Research from **Bharat Education Excellence Awards**, Recognizing Exemplary Contributors of Research and Education Sector.

EXTRA CURRICULAR ACTIVITIES/ ADMINISTRATIVE WORKS

- Acting as a Project Guide for B.Tech students
- Acting as an active member in department Board of Studies committee.
- Acting as an active member in NBA and NAAC.
- Supporting for Faculty development programme & Workshops.
- Ability to work independently and in a team framework.

PUBLICATIONS (BOOK, BOOK CHAPTER, JOURNALS AND PROCEEDINGS)

(Please see Annexure- I)

References

- 1- **Prof. P.K. Bharti, Hon'ble VC, Gurukul University Saharanpur** Phone: +918595067540
- 2- **Dr. Akthar Hussain, Professor, CSE-IET, Bareilly, UP. India** Phone: +91 9319760019
- 3- **Dr. S. K. Agarwal, Professor, Dolphin, Dehradun** Phone: +91-9568004554
- 4- **Dr. Vipin Rai, Professor, Galgotias University, Greater Noida, Uttar Pradesh, India**

ANNEXURE- I
NATIONAL/INTERNATIONAL PUBLICATIONS
(BOOK PUBLICATIONS)

S. No.	Book Description
1.	Dr.S.H.Abbas,“ Impact of Integrated Artificial Intelligence in Human Resource Management Functions ”, ISBN: 978-1-68576-399-2 , Iterative International Publishers, 2023
2.	Dr. S .H .Abbas, “ Introduction to Deep Learning ”, ISBN: 978-9355159540 Book Rivers Publications,2023
3.	<i>Dr. S.H.Abbas, “Learn.Net with Programming Internet and Web Programming+Projects”, ISBN: 978-93-92759-74-1 , Shrihind Publications, 2022</i>
4.	Dr. S.H, Abbas,“ A Complete Introduction of Big Data Analytics ”, ISBN: 978-93-92929-32-8,Blue Hill Publications, 2022.
5.	Dr. SH Abbas,“ Internet and Web Programming+ Projects ”, ISBN: 978-93-90903-70-2, Delight Publications, 2021
6.	Dr. S.H, Abbas,“ Computer Programming Fundamentals using C ”, ISBN: 978-81-951982-2-1, Bhumi Publishing, 2021.
Worked As A Editor in Edited Books	
6.	Dr. S .H .Abbas, “ Impact of Integrated Artificial Intelligence in Human Resource Management Functions ” E-ISBN: 978-1-68576-398-5, IIP , 2023(International)
7.	Dr. S .H .Abbas, “ Latest Technologies and Tools Aiding Industry 5.0 Development ” , Cambridge Scholars Publishing, CSP, United Kingdom (UK)ISBN (10): 1-5275-5408-2 ISBN (13): 978-1-5275-5408-5 (International) (As a chief-Editor)

INTERNATIONAL BOOK CHAPTER PUBLICATIONS/ SCOPUS

1.	Dr. S. H. Abbas, “ A Proposed Machine Learning Algorithm For Predicting Adverse Drug Interaction ”, in Book of Abstract, <i>Tech Horizon 2023, S.U, Mangalore</i> , Dec. 2023.
2.	Dr. S. H. Abbas, “ Industry 5.0 Potential for Society: Human-Centered Challenges and Solutions and Potential Areas for Research ” in Current Technologies and Tools Aiding Industry 5.0 Development, <i>ISBN (13):978-1-5275-5408-5, Cambridge Scholars Publishing, united kingdom December 2023</i>
3.	Dr. S. H. Abbas, “ Industry 5.0-Based Internet of Things Based on Artificial Intelligence ” in Current Technologies and Tools Aiding Industry 5.0 Development, <i>ISBN (13):978-1-5275-5408-5, Cambridge Scholars Publishing, united kingdom December 2023</i>
4.	Dr. S. H. Abbas, “ Industry 5.0 Revolution in Education: Future Research Needs and Challenges ” in Current Technologies and Tools Aiding Industry 5.0 Development, <i>ISBN (13):978-1-5275-5408-5, Cambridge Scholars Publishing, united kingdom December 2023</i>
5.	Dr. S. H. Abbas, “ Implementation of Industry 4.0 and Preparation for Industry 5.0 in Industrial Organizations ” in Current Technologies and Tools Aiding Industry 5.0 Development, <i>ISBN (13):978-1-5275-5408-5, Cambridge Scholars Publishing, united kingdom December 2023</i>
6.	Dr. S. H. Abbas, “ How Employees Survive in the Industry 5.0 Era: Skills in High Demand in the Near Future ” in Current Technologies and Tools Aiding Industry 5.0 Development, <i>ISBN (13):978-1-5275-5408-5, Cambridge Scholars Publishing, united kingdom December 2023</i>
7.	Dr. S. H. Abbas, Role and Impact of Blockchain in Cyber security , in IGI- GLOBAL , ISBN 9781799884934, Sep. 2022. DOI: 10.4018/978-1-7998-8493-4.ch005

8.	Dr. S. H. Abbas, “ An Approach Towards Security and Privacy in Pervasive Healthcare System ” , in Springer\ESA, ISBN 978-3-030-77745-6 , Sep. 2021.
9.	Dr. S. H. Abbas, Dr. S.K.Agarwal, “ A review of AI Techniques for 6G Communications: Architecture security and potential solutions ” , C Press Taylor & Francis Group, ISBN 9781032006826 August 2021
10.	S. H. Abbas, Dr. S.K.Agarwal, “ An Approach Towards Industry 4.0 and its applications in the Healthcare Sector ” Elsevier, June 2021.
11.	S. H. Abbas “ Impact of AI in manufacturing Industries ” Published in International chapter book, Red shine, ISBN:978-1-4834-3085-0, May 2021

TOP RESEARCH PUBLICATIONS
National & International
INDEXED IN SCI/SCIE/ESCI/WEB of SCIENCE/SCOPUS

S. No.	Paper, Journal, Volume, Issue, Date and Authors Description
	<p>Dr. S.H.Abbas Published a paper on “Exploring Subcellular Location Anomalies: A Novel Quantum Bioimaging Paradigm”, in (Optical and Quantum Electronics) Q2-SCIE (Springer) https://link.springer.com/article/10.1007/s11082-023-06272-9</p>
1.	<p>Dr. S.H.Abbas Published a paper on “A fuzzy based proposed forecast model for brain disease” in <i>International Neurology Journal (SCOPUS-Q-2) ISSN NO :ISSN/eISSN: 2093-4777/2093-6931 December 2023</i></p>
2.	<p>Dr. S.H.Abbas Published a paper on “Deep learning framework for analysis of health factors in internet-of-medical things” in <i>Radioelectronics and Communications Systems (SPRINGER) (SCOPUS ,Q3)ISSN NO :ISSN 0735-2727 Special Issue 2023 - 6G System Technologies DOI: https://doi.org/10.3103/S0735272723030056 November 2023</i></p>
3.	<p>Dr.S.H.Abbas Presented a Paper “IoTWP: Design and Development of Internet of Things Assisted Weather Prediction Schemewith Advance Remote Tracking Norms” <i>1st IEEE International Conference on Multidisciplinary Research in Technology and Management –MRTM 23, organized by New Horizon College of Engineering, Bengaluru on 22nd & 23rd September 2023.</i></p>
4.	<p>Dr. S.H.Abbas Published a paper on “Artificial Intelligence and Deep Learning Based Agri &Food Quality and Safety Detection System” in <i>International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (SCIE (Elsevier)) ISSN NO :2147-6799 Vol. 12 No. 1s (2024)</i></p>

5.	Dr.S.H.Abbas Presented a Paper “A Proposed Machine Learning Algorithm For Predicting Adversedrug Drug Interaction” <i>1st International Conference on TechHorizon 2023, organized by Srinivas University, Mangalore on 11 December 2023.</i>
6.	Paper Accepted in SCI-Q-2 Journal (UCBS-2023-0050) “Artificial Intelligence-Based Detection and Classification of Brain Abnormity” in <i>Taylor& Francis/Cyberneticsand Systems(01 march 2023)</i> (final process of being published)
7.	Dr. S.H.Abbas Published a paper on “ Detailed Investigation of the Role of Machine Learning TechnologyinStockMarketPredictions” in <i>The British JournalofAdministrativeManagement (TBJAM) (ABDC Scopus Indexed) ISSNNO :1746-1278 Volume 58, Special Issue 08, Feburary-2023</i>
8.	Dr.S.H.Abbas Publisheda paperon “ Classificationand Clustering of Internet of Things(IoT)for Integrating IoT Services Platform in <i>IEEE 2023, 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDeA)</i> 29-30 September 2023, DOI: 10.1109/ICIDeA59866.2023.10295225
9.	Dr. S.H.Abbas Published a paper on “ An Advanced Cloud-Based Plant Health Detection System Based on Deep Learning” in <i>IEEE 2022, 5th International Conference on Contemporary Computing and Informatics (IC3I)</i> 14-16 December 2022 DOI: 10.1109/IC3I56241.2022.10072786

10.	Dr.S.H.Abbas Presented a Paper “Control of Software-Defined Networks of Unmanned Aerial Vehicles using Distributed Deep Learning” <i>Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), IEEE</i> , During 02-04 February 2023 DOI: 10.1109/ICAIS56108.2023.10073872 .
11.	Dr.S.H.Abbas Presented a Paper An Investigation on a Blockchain Technology in Smart Certification Model for Higher Education” <i>2023 10th International Conference on Computing for Sustainable Global Development (INDIACom), IEEE</i> , During 15-17 March 2023. NSPEC Accession Number: 23318351
12.	Paper Accepted in Q-1 Journal (BL-03-2023-0069) “Forecasting Financial Market Trends in a Complex Business Environment” in <i>The Bottom Line (TBL)</i> (Paper submitted)
13.	Dr. S.H. Abbas Presented paper in National Assessment and Accreditation Council, Bengaluru sponsored national Conference on <i>“National Education Policy 2020 and Role of Higher Education for Sustainable Development Goals in India”</i> Entitled “Breast Cancer Detection Using Hybrid Framework” 26th, December 2022 C. B. Khedgi's Basaveshwar College Akkalkot, Solapur, India
14.	Dr. S.H. Abbas Presented paper in S.P.M, Satara, Maharashtra sponsored International Conference <i>“Recent Interdisciplinary Studies in Allied Science 2022”</i> Entitled “Breast Cancer Detection Using CNN” 30th, November 2022
15.	Dr.S.H.Abbas Published a paper on <i>“An Approach towards Cancer Detection Using Machine Learning”</i> in GRADIVA REVIEW JOURNAL (UGC Approved Journal) ISSN NO : 0363-8057 Volume 8, Issue 12, December-2022.

16.	Dr.S.H.Abbas Published a paper on “An Anticipation and Categorization of Lung Cancer Using Machine Learning Method” in <i>IJARESM (UGC Approved Journal)</i> ISSN 2455- 6211 Volume 10 Issue 7 July 2022.
17.	Dr.S.H.Abbas Published a paper on “An Anticipation and Categorization of Lung Cancer using Machine Learning Method” in <i>IJFMR (UGC Approved Journal)</i> ISSN 2582-2160, Volume 4, Issue 1, January-2022. https://doi.org/10.36948/ijfmr.2022.v04i01.919
18.	Dr. S.H.Abbas Published a paper on “AI and Blockchain in the Healthcare” in <i>IRJET</i> UGC Approved Journal)ISSN 2349-5162 Volume: 8 / Issue: 9, Sep 2021.
19.	S.H.Abbas Published a paper on “ IoT for Modern Life” in <i>JETIR (UGC Approved Journal)</i> ISSN 2349-5162 Volume: 8 / Issue: 3, March 2021.
20.	S.H.Abbas Published a paper on “A comparative study of online teaching in higher education system in India due to impact of covid-19” in <i>SPJMR</i> (An UGC-CARE Approved Group II Journal) ,ISSN NO: 2394-2886 in Volume 10, Issue 15, Sept/2020
21.	S.H.Abbas Published a paper on “An Selective Reading AI In Education” in <i>“Surajnj Journal For Multidisciplinary Research”</i> (An UGC-CARE Approved Group II Journal) ,ISSN NO: 2394-2886 in Volume 10, Issue 11, Feb/2020.
22.	S.H.Abbas Published a paper on “A Selective Reading on Future Generation of 5G Wireless Mobile Network Framework” in <i>“International Journal Compliance Engineering Journal”</i> (An UGC-CARE Approved Group II Journal) ,ISSN NO: 0898-3577 Volume 10, Issue 12, Dec/2019
23.	S.H.Abbas, Dr. S.k.agarwal, Published a paper on “Ant Colony Optimization Towards age Enhancement” in <i>International Journal of Multidisciplinary Educational search (Scopus Index ID: A2B96D3ACF3FEA2A)</i> ISSN: 2277-7881 Volume: 8, Issue: 9(2), September 2019.

24.	S H Abbas, Dr. S K Agarwal Published a paper on " Digital Image Processing Real Time Applications " in <i>International Journal of Engineering Science Invention (IJESI)</i> ISSN:1972 – 6726 Volume: 18 / Issue: 7 Pages: 46-51 , August/2019
25.	Syed Hauider Abbas, Dr. S.k.agarwal, Published a paper on " Images processing using ant Colony optimization " JETIR (UGC Approved Journal)ISSN: 2349-5162 Volume: 6 issue: 6, July 2019.
26.	Syed Hauider Abbas, Dr. S.k.agarwal, Published a paper on " Ant Colon Optimization Towards Image Processing " <i>Journal of Advances and Scholarly Researches in Allied Education (UGC Approved Journal)</i> Vol. 16, Issue No. 9, June-2019, ISSN 2230-7540
27.	S H Abbas, Mohd Vasim Ahamad, Published a paper on " Image Processing and Determination Techniques " in <i>national Journal of ignited</i> ISSN: 2230-7540 Volume: 18 Issue: 7 Pages: 80 - 85 (4), June/2019.
28.	Syed Haider Abbas Published a paper on " A Review Paper On Approaches Towards Green Computing " in <i>National Universal review Journal of CSE</i> ,ISSN:2277-2723 in Volume VIII, Issue II, FEBRUARY/2019.
29.	Syed Hauider Abbas, Mohd Vasim Ahamad, Published a paper on " Use of Multimedia inducational Setting " in <i>national Journal of ignited</i> ISSN: 2230-7540 Volume: 16 ssue: 5 Pages: 90 - 93 (4) , April/2019.

NATIONAL & INTERNATIONAL PATENTS

S. No.	Patent Name
01.	Ultra-Secure Biometric Identification System with Deep Learning Enhancements. (Application Number: 202341054682) September 2023
02	An Intelligent Hybrid Model For Breast Cancer Detection, February 2023 (Application Number: 202311004587)
03.	Implementing Machine Learning And Deep Neural Networks To Analyse Stock Market Trends And Assess The Accuracy Of Market Predictions, January 2023, (Application Number: 202341001183)
04.	Artificial Intelligence Based Automatic Text Adaptation Device to Assist Language Learning in Understanding Content Informative Teaching Strategies Based on Deep Learning, January 2023 (Application Number: 202341003009)
05.	Artificial Intelligence and Machine Learning Based Method for Recognizing Abnormal Activity In Vehicles. December, 2021 (Application Number: 202121057429)
06.	Artificial intelligent based detection and prevention of various Breast Cancer using Machine Learning and Big Data for healthcare management. March, 2022 (Application Number: 202241011933)
07.	Artificial Intelligence based approach to predict the impact of Breast Cancer using the algorithms WSN and Image Processing Techniques. (November, 2022) (Application Number:

	202241069848)
08.	Machine Learning based approach to Predict the Political Determinants of Economic Exchanges in India.December (ApplicationNumber:202241075965)
	CANADA GRANTED
9.	A Novel Technique Based On Support Vector Machines For Predicting The Daily Closing Prices Of elected SharesIn The StockMarket. (Canada, Application Number: 1198609)
10.	Deep learning based Flower plucking drones for farmer. (Canada, Application Number:1198782)

REVIEWER OF JOURNALS

- Bottom Line Journals Indexed in Q-1-SCIE/SSCI
- Artificial Intelligence and Applications, Singapore Bon View Publishing Pte. Ltd.
- SSEME

PERSONAL INFORMATION

Name: Dr. Syed Hauider Abbas

Designation : Ass. Professor of CSE in Integral University

FatherName: Mr. S. W. Hasan

Residence Address : H.N. 340/54 Sitla Square near Jagannath Degree College-03

Languages known : Hindi, English, Urdu and Arabic

I hereby certify that above mentioned information is correct to the best of my knowledge.

Date: 12/04/2024

(Dr.S. H. Abbas)

