

Name : Dr. P. Deepika
Designation : Assistant Professor
Department : Artificial Intelligence and Machine Learning
Qualification : M.Sc. (CS), M.Phil., Ph.D.
Experience : Teaching – 11 Years | Research – 10 Years
Specialization: Machine Learning, Internet of Things
Email : deepika.p@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Hindusthan College of Arts and Science	2022
M.Phil.	Computer Science	Dr N.G.P. Arts and Science College	2014
M.Sc.	Computer Science	Dr N.G.P. Arts and Science College	2012
BCA	Computer Applications	PSGR Krishnammal College for Women	2010

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
Diploma	DTP and Multimedia	Bharathiar	2009
Certificate	DTP and Multimedia	Bharathiar	2008
Certificate	Data Analytics- Introduction to Machine Learning	Alison	2018
Certificate	Introduction to Data and Text Mining using DSTK 3	Udemy	2018
Certificate	Python Programming for Beginners	Udemy	2018
Certificate	Introduction to Internet of Things and Cloud	Udemy	2018
Certificate	Machine Learning	E& ICT, IIT Kanpur	2019
Certificate	Learn IoT through Arduino and Raspberry Pi	E& ICT, IIT Kanpur	2020

Projects

Project Title	Agency	Amount	Period	Status
Anticipation & Identification of Diabetes Mellitus Using J48 Decision Tree	Seed money	₹ 7,500	2020-2021	Completed
Survey & Analysis Study of Heart disease Prediction for Women using Data Mining Techniques	Seed money	₹ 5,000	2019-2020	Completed

Grants Received

Event Title	Agency	Amount	Date
Financial Assistance for Tamil Book Publication	TNSCST	₹ 10,000	31-Oct-20

Patent

Title	Status	Year
A System of Fault Detection and Monitoring of Solar PV Panels using Internet of Things	Published	2020
An IOT System incorporated with LOF and SGBMO-ANN Machine Learning for CVD Monitoring Methods	Published	2021
Intelligent Filtration of E-mail Spam/Non-Spam messages & mobile phone SMS Spam messages by Classifying its content segregation using Effective Machine Learning Algorithms	Published	2023

Research Publications

- P.Deepika, Dr.S.Sasikala., **Enhanced Model For Prediction And Classification Of Cardiovascular Disease Using Decision Tree With Particle Swarm Optimization**, Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA-2020, 2020, DOI: 10.1109/ICECA49313.2020.9297398 (Indexed in Scopus)

- P.Deepika, Dr.S.Sasikala., **A Novel Hybrid Feature Selection Chi-Squared With Backward Elimination (Hfcb) Technique For Risk Prediction Of Cardiovascular Disease**, Journal of The Asiatic Society of Mumbai, Vol- 8, 2022. (Indexed in UGC CARE)
- P.Deepika., Dr.S.Sasikala., **Data Classification Pertaining To Heart Diseases Using Hybrid Chicken Swarm Optimization With Artificial Neural Network (HCSOANN)**, International Journal of Mechanical Engineering, Volume 7, 2022. (Indexed in Scopus)
- P.Deepika, S.Saranya., Dr.S.Sasikala., **An Effective Archetype Design Of Heart Disease Anticipation Using Optimization Techniques**” EPRA International Journal of Research and Development, Vol-4, issue-11, pp 33-40, 2019. (Indexed in Crossref & Web of Science)
- P. Deepika, A.Kiruthika, S.Sasikala, S.Saranya., **Predicting The Ailment Of Thyroid Using Classification And Recital Indicators**, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol3, Issue-3, 2018, ISSN : 2456-3307, (Indexed in UGC Approved Journal)
- P.Deepika., S.Sasikala, S.Saranya, **A Quintessence For Focused Crawler Enhanced With Link Spam Detection**, IOSR Journal of Engineering, 2018, ISSN:2250-3021.(Indexed- UGC Approved Journal)
- K.Thenmozhi., P.Deepika, M.Meiyyappasamy, **Different Datamining Techniques Involves In Heart Disease Prediction-A Survey**, International Journal of Scientific Research, Vol-III, Issue-IX, 2014, ISSN: 2277-8179. DOI: 10.36106/ijsr (Indexed in Google Scholar)
- P.Deepika, K.Thenmozhi, **Heart Disease Prediction Using Classification With Different Decision Tree Techniques**, International Journal of Engineering and General Research, Vol-2, Issue-6, 2014. ISSN: 2091-2730. (Indexed in Google Scholar)
- P.Deepika, P.Vinothini., **Heart Disease Analysis And Prediction Using Various Classification Models – A Survey** in Indian journal of Research PARIPEX Volume :4 Issue :3 March 2015. ISSN : 2250-1991. (Indexed in Google Scholar)
- P.Deepika, Dr.S.Sasikala., **Effective Anticipation Of Cardiovascular Disease Using Opt-Ann Deep Learning Techniques**, Solid State Technology, Vol-63, Issue-6, 2020. ISSN: 0038-111X (Indexed in Google Scholar)

- P.Deepika, S.Sasikala, S.Jansi., S.Saranya, A.Kiruthika, **Anticipating The Chronic Kidney Disorder Using Performance Optimization In Adaboost And Multilayer Perceptron**, Imperial Journal of Interdisciplinary Research, 2017. ISSN:2454-1362. . (Indexed in Google Scholar)
- P.Deepika, S.Saranya, Dr.S.Sasikala, **Comprehensive Review On Heart Disease Prediction Using Optimization Techniques**, EPRA International Journal of Research and Development, 2020, ISSN: 2455-7838. (Indexed in Crossref, Google Scholar and Web of Science)
- P.Deepika, S.Saranya, S.Sasikala, Dr.S.Jansi, A.Kiruthika, **Anticipating Heart Disease Using C4.5 Classification Augmented With Feature Selection**, International Journal for Research and Development in Technology, 2016, Vol-6, issue-5. ISSN: 2349-3585. (Indexed in Google Scholar)
- P.Deepika., Dr.S.Sasikala., **Effectiveness Of Feature Selection Methods In Cardiovascular Disease Prediction Using Classification**, Journal of Maharaja Sayajiroa University of Baroda, Vol-54, Issue-2, 2022. ISSN:0025-0422 (Indexed in UGC-CARE)
- P.Deepika, Dr.S.Sasikala., **Analysis On Cardiovascular Disease Prediction Using Novel Machine Learning Methods**, Education and Society, Vol-47, Issue-2, April-June: 2023. ISSN:2278-6864 (Indexed in UGC-CARE)
- P.Deepika., Dr.S.Sasikala., **Heart Disease Prediction Using Spider Monkey Optimization-Artificial Neural Network (Smo-Ann) Techniques**, Journal of Foundational Research, Vol-XXXII, Issue-1, January-June, 2024. ISSN: 2395-5635 (Indexed in UGC-CARE)
- P.Deepika, S.Saranya, Dr.S.Sasikala., R.Sowparnika., S.P.Divyabharathi., **Instigating Effective Cloud Computing Techniques For Elevating Agriculture Domain**, Journal of Emerging Technologies and Innovative Research (JETIR), Vol-6, Issue 1, 2019. ISSN:2349-5162 (Indexed in UGC Journal)
- S.Saranya., Dr.S.Sasikala., P.Deepika., Jaikishen J Kamath., S Muthukrishnana., **Comprehensive Evaluation of Clustering Algorithms In Binary And Multiclass Attributes**, IOSR Journal of Engineering, 2018. ISSN:2250-3021. (Indexed in UGC Journal)

- Dr.S.Sasikala., P.Deepika., S.Saranya., S. Balaji., **Mining Structural Traits of Hyperlinks To Combat Spamdexing**, International Journal of Engineering and Science Invention, Vol-7, Issue 2, 2018. ISSN : 2319 –6734, (Indexed in UGC Journal).
- P.Deepika, Dr.S. Sasikala., S.Saranya., A.Kiruthika., **A Novel Classification And Prediction Algorithm For Heart Disease Identification**, International Journal of Engineering and Science Invention, ISSN: 2319 – 6734, Vol-7, Issue 2 - Version- 1, February 2018, (Indexed in UGC Journal).
- P.Deepika., S.Saranya., Dr.S.Sasikala., Aravind G Nair., Haritha R A., **The Study Of Fuzzy Cognitive Maps In Identification And Prediction of Diseases**, IOSR Journal of Engineering, Vol-6, 2018. ISSN: 2250-3021 (Indexed in UGC Journal).
- S.Saranya., P.Deepika., S.Sasikala., Dr.S.Jansi., A.Kiruthika., **Accelerating Unique Strategy For Centroid Priming In K-Means Clustering**, International Journal for Innovative Research in Science & Technology, Vol-3, Issue-7,2016. ISSN:2349-6010 (Indexed in Google Scholar)

Books/ Book Chapters Publication

Book Chapter

- **Artificial Intelligence- Challenges and Applications**, Advances in Future Trends and Technology, Book Fly Publication and Research, 2024, ISBN: 978-81-963688-3-8.
- **Artificial Intelligence in Healthcare: Challenges and Opportunities**, Sustainable Computing Trends, Hindusthan College of Arts & Science, Coimbatore, ISBN: 978-81-971227-8-1.

Books

- **Research Perspectives of Internet of Things**, P.Deepika, Teacher Publishing House, Coimbatore, ISBN: 978-93-549378-6-6
- **EliyaMurayil Animation**, P.Deepika, S.Saranya, Teachers Publishing House ISBN Number: 9789-380-800-646,

- **Cloud Computing Sevaigal, Paathukaapu vazhimuraigal matrurum athan payanpadugal**, Dr.P.Deepika, Dr.S.Saranya, Bookfly Publication, ISBN Number: 9788-196-368-814, Bookfly Publications.
- **Hand Book of Programming in C++**, P.Deepika, S.Saranya, Teachers Publishing House ISBN: 9789-380-800-929,
- **Animation Essentials**, P.Deepika, S.Saranya, Teachers Publishing House, ISBN Number: 9789-380-800-981.
- **Open Source Tools**, P.Deepika, S.Saranya, Teachers Publishing House, Coimbatore ISBN: 9789-380-800-523.
- **Simplified Handbook for Computer Architecture**, P.Deepika, Teachers Publishing House, Coimbatore, ISBN Number: 9789-380-800-653.
- **Database Management System for beginners** P.Deepika, Teachers Publishing House, Coimbatore, ISBN Number: 9789-380-800-073.
- **Internet Scripting and Design**, P.Deepika, Goya Publishing House, New Delhi, ISBN Number: 9789-391-237-448.
- **Optimization and Deep Learning Techniques Simplified**, P.Deepika, SM Publishers, ISBN: 978-93-5627-120-3.
- **Research Perspectives of Data Mining in Healthcare**, P.Deepika, Teachers Publishing House, Coimbatore, ISBN: 978-93-5578-726-2.

Presentations in Conference/ Seminar

- **Web Mining, International Conference on Enjoyable Programming and IT Trends**, Ayyan Thiruvalluvar College of Arts and Science, P.Puliampatti, 19-December-2012 to 20-December-2012.
- **Comprehensive Evaluation of Clustering Algorithms in Binary and Multi-Class Attributes**, International Conference on Computational Intelligence and Data Science, Sankara College of Science and Commerce, 10-October, 2018
- **An Ample review of Cloud Computing explore issues and challenges**, International Conference on Research and Innovations in Computational Intelligence, Sri Ramakrishna College of Arts & Science for Women, Coimbatore, 4-February 2019.

- **Data Storage in DNA**, National Conference on Emerging Trends in Computing and Intelligent Informatics (Springer), Dr. N.G.P. Institute of Technology, Coimbatore, 8-March, 2019
- **Internet of Everything (IOE): A Vision and Perception Towards Future Networking**, International Conference on Future Networking: Internet of Everything, Hindusthan College of Arts and Science, Coimbatre, 21 March 2019.
- **Women Heart Disease Prediction using Classification Algorithms**, National Conference on Machine Learning's Impact on Cloud Computing, Michael Job College of Arts and Science for Women, Coimbatore, 19-February-2019.
- **Enhanced model for Prediction and Classification of Cardiovascular Disease using Decision Tree with Particle Swarm Optimization**, International E-Conference on Advances in Information Technology, Business Management and E-Commerce, The Quaide Milleth College for Men, Chennai, 4-July-2020 to 5-July-2020.
- **E-Learning and Indian Education System**, International Level E-Conference on New Gen Education E-Learning "Black Board -Broadband", Rathinam College of Arts and Science, Coimbatore, 13-July-2020 to 17-July-2020.
- **Effective Anticipation of cardiovascular Disease using OPT-ANN Deep Learning Techniques**, Virtual International Conference on Metamorphosis of Modern Management and Research, Bannari Amman Institute of Technology, Sathymangalam, 13-August-2020.
- **Impact of Feature Selection Method in Heart Disease Prediction using Classification**, ESN International Conference on Multidisciplinary Research and Innovation, ESN Publications & Universal Digital University-USA, 3-September-2020 to 9-September-2020.
- **Effectiveness of Feature Selection methods in Cardiovascular Disease Prediction with Different Classifiers**, National Level E-Conference on Machine Learning as a Service for Industries, CMR Institute of technologies, Bengaluru, 4-September-2020 to 5-September-2020.
- **Evaluation of Heart Disease Prediction using Optimization in Data Mining**, International Conference on Machine Learning & Neural Information Systems, Sri Vidya Mandir Arts and Science College, Krishnagiri, 18-March-2021 to 19-March-2021.

- **Review on Cardiovascular Disease Prediction using Optimization Algorithms with Classification Techniques**, National Conference on Recent Trends in Intelligent Computing, PSG College of Arts & Science, Coimbatore, 25-March-2021.
- **Assessment on Congestive Heart failure Prediction using Optimization Algorithms**, 2nd National Virtual Conference on Deep Learning in Artificial Intelligence for Healthcare, Dr NGP Arts and Science College, Coimbatore, 25-March-2021.
- **Assessment on cardiovascular Disease Prediction using Optimization Algorithms with Classification Techniques**, International Conference on Data Science and Information Ecosystem, Madurai Gandhi NMR Subbraman College for Women, 4-June-2021 to 5-June-2021.
- **Data Classification Pertaining to Heart Disease using Hybrid Chicken Swarm Optimization with Artificial Neural Network**, 4th international E-Conference on Incipient Research in Information Technology, Commerce, Management and Linguistics, The Guide Milleth College for Men in Collaboration with Dambi Dollo University, Ethiopia, 17-September-2021 to 18-September-2021.
- **Enhanced Model for Prediction and Classification of Cardiovascular Disease using Decision Tree with Particle Swarm Optimization**, 4th international E-Conference on Incipient Research in Information Technology, Commerce, Management and Linguistics, The Guide Milleth College for Men in Collaboration with Dambi Dollo University, Ethiopia, 17-September-2021 to 18-September-2021.
- **Artificial Intelligence and its Tools**, International Conference on Recent Trends in Computer Science and Data Analytics. KPR College of Arts Science and Research, Coimbatore, 3-Febrary-2023 to 4-Febrary-2023.
- **Data Mining and its Techniques**, International Conference on Recent Trends in Computer Science and Data Analytics. KPR College of Arts Science and Research, Coimbatore, 3-Febrary-2023 to 4-Febrary-2023.

- **Mechatronics**, International Conference on Recent Trends in Computer Science and Data Analytics. KPR College of Arts Science and Research, Coimbatore, 3-February-2023 to 4-February-2023.
- **Artificial Intelligence & Fuzzy Logic**, International Conference on Recent Trends in Computer Science and Data Analytics. KPR College of Arts Science and Research, Coimbatore, 3-February-2023 to 4-February-2023.
- **Artificial Intelligence and Machine Learning in Robotics**, International Conference on Recent Trends in Computer Science and Data Analytics. KPR College of Arts Science and Research, Coimbatore, 3-February-2023 to 4-February-2023.
- **Implications of Artificial Intelligence in Industry 5.0**, 3rd International Conference on Engineering, Social Sciences and Humanities, Institute For Engineering Research and Publication-Philippines Society in Association with University of Antique, Philippines, Universitas Lakidende, Indonesia & Santo Tomas College of Agriculture Sciences and Technology, Philippines, Malina, 2023.
- **Artificial Intelligence in Healthcare- Challenges and Opportunities**, International Conference on Sustainable Computing trends, Hindusthan College of Arts and Science, Coimbatore. 14-March-2024.
- **The Secure Distributed Cloud Storage**, International Conference on Future Networking: Internet of Everything-ICIOE-2019, Hindusthan College of Arts & Science, Coimbatore, 21-March-2019.
- **Baggage Tracking Behavior by RFID and IOT**, International Conference on Future Networking: Internet of Everything-ICIOE-2019, Hindusthan College of Arts & Science, Coimbatore, 21-March-2019.
- **Internet of Everything (IOE): A Vision and Perception towards Future Networking**, International Conference on Future Networking: Internet of Everything-ICIOE-2019, Hindusthan College of Arts & Science, Coimbatore, 21-March-2019.

Participation in Conference/Seminar

- **Mathematical and Computational Biology**, Hindusthan College of Arts & Science, Coimbatore, 7-March-2019.
- **Research Innovation Commercialization & Entrepreneurship Showcase-2021**, Multimedia University, Malaysia, 16-November-2021.
- **New Age Technology Show, 7th India International Science Festival**, Ministry of Earth Sciences, Ministry of Sciences & Technology and Vijnana Bharathi, 10-December-2021 to 13-December-2021.
- **International Seminar on Current Trends in Computer Science and Technologies**, Vivekanandha College of Arts and Science for Women, Namakkal, 11-September-2018.
- **Science and Technology Trends**, Hindusthan College of Arts & Science, Coimbatore, 11-May-2020 to 14-May-2020.
- **Attractive Administrator**, Association of Self-Financing Arts, Science & Management Colleges of Tamilnadu, Coimbatore, 15-May-2020.
- **Gearing up for the Job Tomorrow**, ICT Academy, 5-May-2020.
- **Embedded System Development**, Hindusthan College of Arts & Science, Coimbatore, 6-July-2020.
- **Big Data Analytics**, Hindusthan College of Arts & Science, Coimbatore, 25-July-2020.
- **Covid-19 Pandemic Effect Global Population and Economics**, Nanjai Edayar Sankara Kadaswami Kandar's College, Velur, 12-September-2020.
- **Computational Tools for Molecular Modeling and Docking Simulations**, Karpagam College of Pharmacy, Coimbatore, 15-September-2020.
- **Consequences of Cloned Journal Publications**, St. Francis De Sales College, AALO & ST Francis De Sales College, Bengaluru, 4-February-2023.

- **Virtual Lab: A: Learner Perspective**, VLB Janakiammal College of Arts and Science, Coimbatore, 16-February- 2024.
- **Mathematical and Computational Biology (NSMCB-2023)**, Hindusthan College of Arts & Science, Coimbatore, 15-March-2023.

Participation in Orientation Programme / Short Term Courses

- **Machine Learning & Artificial Intelligence for Real time Applications**, Bharathiar University, Coimbatore in Collaboration with Brainlabs.Ai, 9-July-2020 to 11-July-2020.
- **Recent Trends and Challenges in Data Science**, Hindusthan College of Arts & Science, Coimbatore, 1-February-2021 to 6-february-2021. **(AICTE Sponsored)**
- **National Level e-Quiz Programme on Cloud Computing**, SSM College of Arts & Science, Namakkal, 28-June-2020

Participation in Faculty Development Programme

- **Introduction to Big Data Analytics**, Karpagam College of Engineering, Coimbatore, 2-August-17 to 3-August-2017.
- **Bio-Python: Hands on Training**, Hindusthan College of Arts & Science, Coimbatore, 16-December-2019.
- **Python Programming**, Hindusthan College of Arts & Science, Coimbatore, 10-August-2019.
- **Faculty Development Program**, Hindusthan College of Arts & Science, Coimbatore, 2-Januray-2020 to 5-January-2020.
- **Networking Security**, UTL Technologies, Bengaluru, 20-April-2020 to 26-April-2020.
- **Data Analytics and Visualization using Tableau**, Sri G.V.G Vishalakshi College for Women, Udumalpettai, 14-November-2022 to 18-November-2022.
- **Recent Trends on Research Methodologies, Tools and Techniques**, KG College of Arts and Science, Coimbatore, 10-July-2023 to 15-July-2023.

- **Machine Learning with Python**, Ethiraj College for Women, Chennai, 10-April-2023.
- **Recent Advances in Smart Materials and Sensor Technology**, Paavai Engineering College, Namakkal, 17-February- 2024.

Participation in Workshop

- **How to Test a Software using Test Cases**, PSGR Krishnammal College for Women in association with Indian Institute of Software Testing, Coimbatore, 28-August-2009.
- **Data Mining & Its Applications using Rapid Miner**, Dr NGP Arts and Science College, Coimbatore, 28-December 2013.
- **National Level Hands-on Training on MATLAB Programming**, Tiruppur Kumaran College for Women, Tiruppur, 31-January-2014.
- **Research Issues in Data Mining and Implementation Aspects**, Sri Krishna College of Engineering and Technology, Coimbatore, 21-February-2014 to 22-February-2014.
- **NPTEL Workshop**, Nehru College of Arts and Science, Coimbatore, 31-August, 2018
- **Challenges of Dengue and its Analysis using Data Analytical Tools**, Mahendra Engineering College (ICMR-Sponsored), Namakkal, 12-july-13-july, 2018.
- **Outcome Based Education, Gobi Arts & Science College**, Gobichettipalayam, 1-December-2018.
- **ODOO Framework**, Hindusthan College of Arts & Science, Coimbatore, 8-July-2019.
- **IoT Through Arduino and Raspberry Pi**, Hindusthan College of Arts & Science, Coimbatore, 5-August-2019.
- **Workshop on Data Analytics & AI**, Center for Computer Science and Information Technology, Manjeri, University of Calicut, Kerala, 15-June-2024.

Conference / Seminar / Workshop Organized

- **Editorial Team Member**, International Conference on Future Networking: Internet of Everything-ICIOE-2019, Hindusthan College of Arts & Science, Coimbatore, 21-March-2019.
- **Editorial Team Member**, National Conference on Emerging Trends in Computing & Communication, Hindusthan College of Arts & Science, Coimbatore, 21-December-2023.

Invited Speaker / Session Chair/ Reviewer

- **Resource Person**, Webinar on Internet of Things, PPG College of Arts & Science, Coimbatore, 20-May-2021.
- **Reviewer**, International Conference on Intelligent Computing and Smart Communication System, Sri Eshwar College of Engineering, Coimbatore, 21-Dec-23 to 22-Dec-23.
- **Jury- Best Manager, Intercollegiate Competition**, Hindusthan College of Arts & Science, Coimbatore, 20-February-2024.

Editorial / Reviewer Board Member

- **General Editor**, Indian Journal of Data Communication and Networking (IJDN), Since 2024.
- **Editorial Board Member**, Lattice Science Publication, 2023-24
- **Editorial Board Member**, Blue Eyes Intelligence Engineering and Sciences Publication, 2023-24.

Member in BoS

- Board of Computer Science with Cognitive Systems, Hindusthan College of Arts & Science, Coimbatore, 2022.
- Board of Artificial Intelligence & Machine Learning, Hindusthan College of Arts & Science, Coimbatore, 2023.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Period
International Association of Engineers- IAENG	Life-time	2018 onwards
Editorial Board Member- Blue Eyes Intelligence Engineering and Sciences Publications	Life Time	2022 onwards

Awards / Honors

Awards / Honors	Agency / Institute	Year
Best Presenter	International Conference on Multidisciplinary perspective in Business Management, Sciences, Technology and Engineering, organized by AIMST University, Malaysia held on 27th & 28th November 2023	2023
Best Paper	6 th International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-23), University Canada West, Vancouver, Canada & Mahasarakham University, Thailand & STAT Office for Statistical Data Analysis and Training, Iraq and Institute for Engineering Research and Publication (IFERP), 10th & 11th November 2023 at Istanbul, Turkey	2023
Best Paper	6 th International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-23), University Canada West, Vancouver, Canada & Mahasarakham University, Thailand & STAT Office for Statistical Data Analysis and Training, Iraq and Institute for Engineering Research and Publication (IFERP), 10th & 11th November 2023 at Istanbul, Turkey	2023
Silver Medal	Project Presentation-INVENTX-2023 At Multimedia University Malaysia	2023
Bronze Medal	Research Innovation Commercialisation & Entrepreneurship Showcase 2021, Multimedia University, Malaysia	2021

Young Scientist Award	ESN Publications	2021
Participation- Work Book of Records	Longest International Conference apropos World Record Event, ESN International Conference on Multidisciplinary Research and Innovation, 3-September-2020 to 9-September-2020.	2020

Recognitions - National / International

Nature of Recognition	Organization / Institution	Year
RAJEYAPURASHKAR	The Bharat Scouts & Guide	2005