


**Annexure -23**
**Faculty Profile**

<h2 style="margin: 0;">Faculty</h2>	<p><b>Dr.Heena Kousar</b>                  Associate Professor,                  East Point College of Engineering &amp;Technology</p>
	<p><b>Profile*</b></p> <p>Prof. Dr. Heena Kousar holds a Ph.D. in Cloud Computing from Visvesvaraya Technological University, Belagavi, M.E. degree in Computer Science &amp; Engineering from University Visvesvaraya College of Engineering, Bangalore and B.E. degree in Computer Science &amp; Engineering from Golden Valley Institute of Technology, KGF.</p> <p>She is dedicated &amp; committed faculty in Department of CSE, with 21 years of experience in teaching UG &amp; PGStudents. She has published more than 10 research papers in refereed international journals and 3 research papers in the proceedings of various international conferences. Her areas of research include Cyber Security, Cloud Computing, Big Data, Web Technology, IoT,Artificial Intelligence and Machine Learning. She is an active member of CSI.</p>
	<p><b>Publications</b></p> <p><b>Journals</b></p> <ul style="list-style-type: none"> <li>•Dr. Heena Kousar , Lalit Kumar Gupta , Dr. Pushpa Mamoria , Barun Haldar , G. Praveen Naidu, “Artificial Intelligence And Machine Learning In Inventory Management: Optimizing Efficiency And Reducing Costs”, European Chemical Bulletin, DOI: 10.48047/ecb/2023.12.si12.096</li> <li>•Dr. Heena Kousar, Dr Sundara Rajulu Navaneethkrishnan , Dr. Dler Salih Hasan “Integrating Artificial Intelligence and Blockchain Technology for Secure and Efficient Data Sharing” published in Journal of Survey in Fisheries Sciences, Vol 10 IS May 2023.</li> <li>•Smitha S, Sneha N, Kavya B M, Manasa G R , Heena Kousar published a title of “Android Malware Detection Using Genetic Algorithm based Optimized Feature Selection and Deep Learning” in International Journal of Innovative Research in Technology(IJIRT), Volume 9 Issue 12, ISSN: 2349-6002.</li> <li>•Aishuwarieya T, Anne Jasmi j , Dharani S , Dhanush Kumar R , Heena kousar, published a title of “Prediction of Cardiac Arrhythmia Using Hybrid Approach in Machine Learning” in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 11, Issue 5, May-2023.</li> <li>•Heena Kousar, Dr. Prasad Babu "Multi-Agent based MapReduce Model for Efficient Utilization of System Resources", Indonesian Journal of Electrical Engineering and Computer Science , pp 504-514, ISSN: 2502-4752, Vol. 11, No. 2, August 2018.</li> <li>• Heena Kousar, Dr. Prasad Babu,"Efficient Map/Reduce secure data using Multiagent System", International Journal of Computer Science and Engineering E-ISSN: 2347-2693, Volume No. 6, Issue -5 and May 2018.</li> </ul>

- Heena Kousar, Dr. Prasad Babu, "A Secure and Efficient Data Storage Backup for Multiagent based Cloud Model", International journal of control theory and applications, Vol 9, Issue 10, pp: 4301-4309, 2016.
- Rashmi G.D , Prof Heena Kousar , Dr. B.R.Prasad Babu, "An Overview on Resource Manager Agent to increase the Efficiency in Cloud Distributed Computing Using BigData Application", International Journal of Engineering Research ISSN: 2319-6890(online),2347-5013(print) Volume No.5 Issue: Special 4, pp: 790-991 20 May 2016.
- Heena Kousar, Dr. Prasad Babu, "Resource Allocation Algorithms in Cloud Computing for Agent Based Traffic Management", International Journal of Advanced Research in Computer Science and Software Engineering 5(1), January - 2015, pp. 774-778.

#### **Patents**

- "Development of big data analytics for intelligent industrial manufacturing based on wireless and IoT technology", Application No.202141041225 A, 29/10/2021.
- "An Artificial Intelligence Techniques and Big Data Analytics based on document fraud detection system using Internet of Things (IOT) enabled Machine Learning Things in Finance and Economic" with Application No. 202241067467 A, 02/12/2022.

#### **Conferences**

- Mary Gersy, Heena Kousar, A Shanmugam, J Samson Isaac "An Innovative Shopping system with GSM based Automation for physically challenging old age people" ,3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)| 979-8-3503-3623-8IEEE | DOI: 10.1109/ICIPTM57143.2023.10117580 in May 2023.
- S. Prema, Harshith. N, Heena Kousar, Malini K V, S Meenatchi, M Jogendra Kumar"Automatic Mail Reception System for Patients to Identify Health Conditions"4th International Conference on Inventive Research in Computing Applications (ICIRCA) | 978-1-6654-9707-7/22/\$31.00 ©2022 IEEE | DOI: 10.1109/ICIRCA54612.2022.9985702, March 19,2023
- Chandu Jagan Sekhar Madala , Anita M Patil , Santhosh Srinivasan. P , Heena Kousar, Sultanuddin SJ , Sangeeth Kumar M,"A Filter-Based Learning Approach for Intrusion Detection using The NSL-KDD Network Dataset", Proceedings of the Third International Conference on Smart Electronics and Communication (ICOSEC 2022) IEEE Xplore Part Number: CFP22V90-ART; ISBN: 978-1-6654-9764-0
- Heena Kousar, Ammu Bhuvana S, Madhushree, Khallikunaisa, "Preserving Privacy in EHR sharing with consortium Blockchain and searchable encryption,National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering and Technology, IJSRESEIT, ISSN:2456-3307, Vol. 9, Issue 9, July-August 2023
- Ammu Bhuvana S, Heena Kousar, Madhushree, "Under Water Image Dehazing using Gaussian Filter and Laplacian Pyramid" National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering and Technology, IJSRESEIT, Vol. 9, Issue 9, July-August 2023
- Madhushree, Ammu Bhuvana S, Heena Kousar, "Traffic Light cycle control using Deep Reinforcement Learning" National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering

and Technology, IJSRESEIT, Vol. 9, Issue 9, July-August 2023

**Achievements/Awards/Recognitions**

- FDP Coordinator for the one week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by East Point College of Engineering and Technology, Department of Computer Science & Engineering in Collaboration with Brainovision Solutions India Pvt. Ltd. and All India Council for Technical Education (AICTE) during the period of 21<sup>st</sup> to 25<sup>th</sup> August 2023.
- IQAC CSE-Coordinator
- Certification by Google and offered through Coursera for the successful completion of the course on "Foundations: Data, Data, Everywhere", July 3<sup>rd</sup> 2023
- Certification for successfully passing the Quiz on "Fundamentals of Generative AI" organized by Super intelligence Tech Solutions Private Limited, Bengaluru held on 18<sup>th</sup> February 2023.
- Certification by Duke University and offered through Coursera for the successful completion on "Introduction to Machine Learning", April 1<sup>st</sup> 2022
- Certificate of GUVI for the successful completion of "AWS" , February 28 2022
- Certification of NPTEL for the successful completion of the course on "Big Data Computing", October 2021
- Oracle Academy Certification and Final Exam Completion on Database Design, 2<sup>nd</sup> May 2021
- Oracle Academy Certification and Final Exam Completion on Java Foundation, 19<sup>th</sup> April 2021
- Certificate of achievement for the successful completion of Step into Robotic Process Automation", during GUVI's RPA SKILL-A-THON 2020, by UiPath Academic Alliance in May-June 2020
- Recognized for Conducting many VMware Academic Alliance Activities within the organization
- Awarded a Certificate of achievement for the successful completion of "Step into Robotic Automation" during GUVI's RPA SKILL HACKATHON 2020.
- Program Coordinator for Organizing one day Hands-on Workshop on Network Security Vulnerability Assessment & Penetration Testing on 8th November 2019 on behalf of CSE Dept, EPCET
- Program Coordinator for Organizing the Inauguration of "VMware Nalanda Program" on 21st October 2019
- Awarded a Certificate of Appreciation by EPCET for achieving 100% result in the subject "Web Technology and its Application" the VTU Examination during Dec-2018-Jan -2019
- Lifetime Member of Computer Society of India, 2012