Ms. NEHA BEEGAM P E

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▶ NEHABEEGAM
🌐 https://www.icet.ac.in/faculties/24/staff-profile

Employment History

July 2019 – Present	🔖 **Assistant Professor,** Department of Computer Science & Engineering, Ilahia College of Engineering and Technology, Muvattupuzha.
August 2018 – July 2019	🔖 **Lecturer.** Department of Computer Science, Jai Bharath College of Management & Engineering Technology, Perumbavoor.
July 2017 – August 2018	🔖 **Lecturer.** Department of Computer Science, Jai Bharath Arts & Science College, Perumbavoor.

Education

2020 – Present	🔖 **Doctor of Philosophy, Bharath University** PhD in Computer Science and Engineering (Data Science). Project title: *Intensified Technique for Anxiety and Depression Reduction of Addicted Social Media Adults via Emotional Patterns using Multi Channel Representations.*.
2014 – 2016	🔖 **Post Graduation, M.G. University:** M.Tech in Computer Science and Engineering. Project title: *PISA: Pixelwise Image Saliency by Aggregating with Binarization & Survey on Edge-Preserving Decomposition-Based Single Image Haze Removal.*
2010 – 2014	🔖 **Under Graduation, M.G. University:** B.Tech in Computer Science and Engineering. Project title: *Peer to Peer Based Multimedia Sharing & OMSS(Online Medical Supporting System).*

Research Publications

Journal Articles

1. N. B. P. E, "Survey on various mental state detection algorithms," *Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek 1 (3)*, vol. 10, 3 2023.

2. N. B. P. E, "An intelligent system for prediction of medical diseases and application of data science in agriculture," *International Journal of All Research Education & Scientific Methods, (IJARESM)*, vol. 10, 7 2022.

3. N. B. P. E, "Effective in reducing anxiety and depression symptoms of social media addicted young adults through emotional patterns using multichannel representations," *International Journal of All Research Education & Scientific Methods, (IJARESM)*, vol. 10, 7 2022.

4. N. B. P. E, "Survey based on students performance prediction using various online techniques," *Journal of Emerging Technologies and Innovative Research*, vol. 8, 6 2021.

5. N. B. P. E, "Survey on fraud apps detection using sentiment analysis," *Journal of Emerging Technologies and Innovative Research*, vol. 8, 6 2021.

6. N. B. P. E, "Pisa: Pixelwise image saliency by aggregating with binarization," *IJARCSSE*, vol. 6, 1 2016.

7. N. B. P. E, "Survey on edge-preserving decomposition-based single image haze removal," *IJSR*, vol. 5, 8 2016.

Conference Proceedings

1. N. B. P. E, "Survey on various mental state detection algorithms," 2023.

2. N. B. P. E, "Survey based on students performance prediction using various online techniques," 2021.

3. N. B. P. E, "Survey on fraud apps detection using sentiment analysis," 2021.

Skills

Languages	Strong reading, writing and speaking competencies for English, Malayalam and Hindi
Coding	J2SE & J2EE, PHP, Python, MATLAB, SQL, XML/XSL, LaTeX, …
Databases	MySQL, PostgreSQL, HSQL, SQLite, LotusNotes.
Web Dev	HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server, NetBeans, Eclipse IDE.
Misc.	Academic research, teaching, training, consultation, publication.

Miscellaneous Experience

Awards and Achievements

02 Dec 2021 – 03 Dec 2021	**NAVAK-21**.
5 June 2021	**World Environment Day Quiz**.
4 May 2021	**Online G.K. quiz competition**, K.M.E.S college of education.
	National Level Commerce Quiz 1, St. Teresa's College Ernakulam.
25 April 2021	**Online Quiz Competition on Covid-19**, organized by Javitri Institute of Medical Sciences.
8 Oct 2020	**Mind Optimizer-2020**, Parul polytechnic institute.
21 August 2020 – 05 Sep 2020	**Online Quiz on GIS & Remote Sensing**, Shri Baldev P. G. College Baragaon.

Certification/Affiliation

2023 Jan–April	**Certification. NPTEL:** Deep Learning.
	Certification. NPTEL: Computer Vision and Image Processing-Fundamental Applications.
2023 Mar	**Certification. AWS:** Hands-on Cloud Computing with AWS.
2023 Jan	**Certification. AWS:** Harry Potter Invisibility Cloak with Python and OpenCV.
2021 – 2022	**Certification. MoE Innovation Cell & AICTE:** Innovation Ambassador Advanced Level.
	Certification. MoE Innovation Cell & AICTE: Innovation Ambassador Foundation Level.
2017 Jan	**Certification. INET INFOTECH Institute :** JAVA - J2SE and J2EE.

Miscellaneous Experience (continued)

Seminars

07 Jun 2021 | **An Extreme-Scale Distributed Parallel Optimization for Energy Communities**, Mandsaur University.

04 Jun 2021 | **Professional activities ethics and networking**, CSI CHAPTER ICET.

14 Mar 2014 | **IPv6-The next generation Internet Protocol** , Spectrum.

Workshops

04 May 2023 | **Hands on Cybersecurity Attack & Defense Fundamentals Specialization**, ICET.

06 May 2023 | **Hands on HTML and DOM manipulation using JS, esports awareness workshop**, ICET.

10 Jan 2023 | **Machine Learning**, R&D Cell ICET.

12 Mar 2022 | **Software Tesing**, Spectrum softtech solutions (P) LTD.

27 Aug 2021 | **NPTEL E-Awareness workshop**, NPTEL.

27 Aug 2021 - 28 Aug 2021 | **ICT Perspectives on Big Data Analytics**, Dr. Mahalingam College of Engineering and Technology.

21 Aug 2021 | **Industrial use of IoT**, Department of Electrical.

26 Jul 2021 - 28 Jul 2021 | **INDUSTRY 4.0**, Mar Athanasius College of Engineering.

24 Jul 2021 | **Design of Smart Healthcare Model**, Dr. Mahalingam College of Engineering and Technology.

19 Jul 2021 - 24 Jul 2021 | **Infrastructure and security challenges in cloud computing**, SCMS School of Engineering.

14 Jul 2021- 16 Jul 2021 | **Emerging technology in the fields of computer science**, Department of Computer Science.

14 Jul 2021 | **IPR awareness webinar**, St Thomas Institute for Science and Technology.

28 Jun 2021 | **Blockchain Technologies**, Dr.Mahalingam College of Engineering and Technology.

15 Jun 2021 - 16 Jun 2021 | **Deep learning for image**, LBSCEK Kasaragod.

12 Jun 2021 - 16 Jun 2021 | **Speech Processing in Deep Learning**, College of engineering aranmula.

07 Jun 2021 | **Disrupting Technologies and Innovations**,Jai Bharath College of Management.

05 Jun 2021 | **International Symposium on IoT and ML for Ecosystem Restoration and Multi-Hazard Resilience**, Amrita Vishwa Vidyapeetham.

04 Jun 2021 | **How to startup**, Marian college kuttikanam.

27 May 2021 - 28 May 2021 | **Master class on motor control for EV application**, Pantech ProLabs IndiaPantech BlogLatest updates of the Electronic lab equipment's.

26 May 2021 - 28 May 2021 | **CHATBOT design**, Pantech ProLabs IndiaPantech BlogLatest updates of the Electronic lab equipment's.

24 May 2021 - 28 May 2021 | **Master class on deep learning**, Pantech ProLabs IndiaPantech BlogLatest updates of the Electronic lab equipment's.

Miscellaneous Experience (continued)

19 May 2021	**NPTEL E-Awareness workshop**,Brainware University.
16 May 2021	**Communication, Healing, Shame**, Mindselo Beats.
07 May 2021	**Implementation of national education policy**, Valia koonambaikulathamma college of engineering.
03 May 2021 - 07 May 2021	**Master class on electric vehicle design using MATLAB**, pantechsolutions.net.
26 Apr 2021 - 30 Apr 2021	**Master class on deep learning**, pantechsolutions.net.

Conferences

02 March 2023	**Survey on various mental state detection algorithms**, Chennai BIHER, Tambaram.
09 Jun 2021 - 10 Jun 2021	**Survey Based on Students Performance Prediction Using Various Online Techniques**, UKF College of Engineering and Technology.
06 May 2021 - 06 May 2021	**Comprehension uprooting for succeding prognostication of students recital using machine learning**, Noorul islam centre for higher education.
	Tenderness study of swindling app discernment, Noorul islam centre for higher education.
28 May 2021 - 28 May 2021	**Emerging trends in signals systems and information**, Nehru college of engineering and research centre.
30 Jan 2021 - 01 Feb 2021	**3G School of pshychology**,3G School of pshychology, an initiative 3G IRPS.
18 Dec 2020 - 20 Dec 2020	**The impacts of Artificial Intelligence**,3G Entrepreneurship Global E-summit-Kerala event.
	Kerala's Largest Entrepreneurship Global E-summit,3G Entrepreneurship Global E-summit-Kerala event.
19 Sep 2020 - 20 Sep 2020	**3G International Psychology Conference event: World book of records event - kerala's larest career guidance digital platform**, 3G ME LIFE.
	3G International Psychology Conference event: The impacts of artificial intelligence,3g institute of research.
13 Aug 2020 - 14 Aug 2020	**Photo caption contest**, IEEE SIMAT SB in association with IEEE Kerala Section SIGHT.
	Education in the 21st century a blended perspective, GVM's world conference on education.

Duties/Responsibilities

2023	**College KTU Coordinator**
	College Antinaccotic Co-Coordinator
	Department OBSQURA'23 Coordinator
	Department Ladies Hostel Coordinator
	Department NBA Criterion 2 & 7 Coordinator
	Department Funded Project Coordinator
2022	**Department Union Coordinator**
	Department Attendance Coordinator
	Department Staff Recreation Coordinator

Miscellaneous Experience (continued)

2021	■	**Mentor 2021-25 AD Batch**
2019	■	**College Bus in Charge**
	■	**College IEDC Community Head**
	■	**Department NBA Criterion 7 Coordinator**
	■	**Department Project Coordinator**
	■	**Department NPTEL Coordinator**
	■	**Department YIP Coordinator**
	■	**Department R & D Cell Coordinator**
	■	**Department Admission Cell Member**
	■	**Department IEDC Coordinator**
	■	**Mentor 2017-21 CSE Batch**

References

Dr. K. A. Navas	Principal, Ilahia College Of Engineering & Technology, Mulavoor P.O, Muvattupuzha, principal@icet.ac.in.
Dr. Anita Brigit Mathew	Assosiate Professor, Department of Artificial Intelligence & Data Science, Viswajyothi College of Engineering and Technology Vazhakulam, anitabrigit@vjcet.org.
Prof. Rosna P Haroon	Head of Department in Artificial Intelligence and Data Science & Cyber Security, Ilahia College Of Engineering & Technology, Mulavoor P.O, Muvattupuzha, rosnapharoon@icet.ac.in.
Prof. Asha Raj	Assistant Professor, Department of Computer Science & Engineering, Muthoot Institute of Technology and Science, Puthenkurish, asharaj@mgits.ac.in.