



NAIR KRISHNENDU SASIKUMAR

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Seeking suitable opportunities in the field of Education Industry, where my Teaching knowledge and expertise along with Leadership abilities can be better utilized

PROFILE SNAPSHOT

Education Management | Research and Analysis | Student Monitoring | Quality Study

- Assistant professor with overall 18+ years of experience in teaching Information & Computing Science and other relevant disciplines in the Education Industry
- Possess impact in publication space, presentation of papers in symposiums, and deal with internal administrative tasks
- Proactive participation in national and international seminars, journals, conferences, departmental activities by collaborating with research personnel
- Outstanding ability in handling syllabus for the undergraduate and graduate curriculum
- Specialized in curriculum building, resource generation, program and course design, software development, management and reviews, combined with research and investigations
- In-depth knowledge and understanding of SDLC, requirement analysis, design, testing, integration, optimization, analysis, simulation, database, Microprocessors (8086), Machine Intelligence, Robotics and Artificial Intelligence, Software Project Management, OOAD, Object Oriented concepts, and Web Technology
- Providing demonstrations and supervising presentations by using various techniques and approaches applied in the research project
- Stay abreast with the latest industry-related tools, trends, and applications, and tactfully utilize them to enhance the quality of deliverables to the students

AREAS OF EXPERTISE

Classroom Management | Mentoring & Scheduling | Student Coordination | Organizational Management | Staff Development | Subject Planning | Student Motivation | Teaching Techniques | Research and Documentation | Curriculum Development | Planning and Execution | Lesson planning | Multitasking & Resourcefulness | Leadership skills | Team-oriented behaviour | Modern teaching tactics | Student-Centered Instruction | Individual Education Plans | Curriculum Development & Implementation | Study Material Preparation | Educational Technology |

WORK EXPERIENCE

Bharati Vidyapeeth Deemed to be University DET, Navi Mumbai

April 2026-Present

Pillai College of Engineering, India

Jul 2007 – March 2026

As an Assistant Professor (UGC approved)

- Key role involvement in mentoring/guiding the Masters & Bachelors of Engineering students on various IT relevant topics concerned with Software Engineering, Human Computing Interaction, Microprocessors (8086), Robotics and Artificial Intelligence, Computer Organization, Software Project Management, OOAD, Object-Oriented Software Engineering, and Web Technology.

- Skilful in dealing with theoretical and practical aspects of teaching by applying traditional and modern teaching methodologies
- Well versed with giving PowerPoint presentations on various topics for a rich understanding
- Responsibility for being a business entrepreneurship coordinator, and class counsellor with thorough expertise in preparing lesson plans, practice worksheets, exam papers, checking the papers of the students on a timely basis
- Worked as department level Project coordinator
- Worked as departmental level NBA and NAAC criteria in charge.
- Participated in the creation of IT autonomy syllabus revisions.

● STUDENT CHAPTER

Faculty in charge of Google developer Groups (GDG) on campus since past 2 years. **GDG** earlier known as GDSC is a vibrant community that connects developers, tech enthusiasts and students. Here generally we host events on AI, Cloud, Web development and more empowering students and developers to innovate and grow.

TRAINING & WORKSHOP

- ATAL FDP on The future of AI and ML: Balancing innovation , Ethics and industry needs at Rizvi college of engineering ,08-Sep-2025 to 13-Sep-2025
- Attended FDP on " Trends in Machine Learning and Data Science",organised by LTCOE, Mumbai - 2021
- Webinar Tech-Xpert Talk on “Drone and Automation” under VESIT- E-Yantra Lab, organized by VESIT Renaissance Cell in association with VESIT - IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution Innovation Council), Mumbai- July 2020
- 2 DAY WORKSHOP on IoT (Internet of Things) Organised by Universal college of engineering in association with IET - May 2020
- 3 days online workshop on "Education 4.0-Season II" Organised by IQAC, Atharva College of Engineering held on 28th - May 2020
- Conducted Webinar on "IoT: Need of Time" Organised by Computer Engineering Department and IT dept - June 2020
- Certificate for Completion Of "Introduction to data and data science" BY 365 Data Science
- 5-Days Online STTP on “Recent Trends and Applications of Machine Learning and Deep Learning Algorithms in Information Technology” by RAIT - May 2020
- One week FDP on "Usage of technology in COVID 19" organised by Ternacollege, Nerul, Organised by Terna college, Nerul - June 2020
- Attended 5 days STTP on emotional intelligence with AI &ML organised by industrial expert - May 2020
- Attended 3 Day course (1-3 rd May 2020) on Data Science organised by Learning 360 academy
- Attended webinar on Blockchain Technologies for Smart Contracts, Organised by ThadomalSahani college of engineering, scheduled - May 2020
- Attended FDP on Research, Funding & IPR by K. C. College of engineering Under the banner of IETE & Institutions Innovation Council (IIC) - May 2020
- FDP Certificate For Completion Of PYTHON 3.4.3 TRAINING, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India from 20 APRIL to 24APRIL 2020.

- One week FDP on "Internet Of Things", jointly organised by AICTE+MHRD+NITTR, Chandigarh from 15-19th April 2020
- One week FDP101X "Foundation program in ICT for Education" Completed with 90%, National Mission, AICTE Approved, Sponsored by MHRD, organized by IITB - 2017
- One week FDP201X "Pedagogy for Online and Blended Teaching Learning Process" Completed with 92% (only those can participate, if eligible from FDP101x), National Mission, AICTE Approved, Sponsored by MHRD, organized by IITB - Nov 2017
- Two days weekend training program for machine learning at PCE Panvel (RC1100), organized by IIT Kharagpur on 16th and 17th December, 2017 One week ISTE, approved STTP on Business Intelligence and Business Analytics at PIIT, New Panvel
- One day workshop on "Research Proposal and Publication" approved by PCACS "Artificial Intelligence: Knowledge Representation and Reasoning" by NPTEL
- Participated in a Two-day ISTE workshop on Aakash for education conducted by IITB Attended workshop on "How to be a Smart Investor" an initiative by BSE investors Protection fund Attended 2 hrs. Seminar by Dr. S. Verma "Report Writing in Latex", organized by Department of Information Technology, PCE Panvel on 18th August, 2017
- Attended faculty enablement program organized by Infosys in Pune
- Attended workshop on RSA for OOAD
- Attended Robotics workshop organized by IIT
- Attended Android workshop

EDUCATION

- Masters in Information technology from Mumbai University, India – 2012
- Bachelors in Computer engineering from Mumbai University, India – 2007

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- Prof.Nair Krishnendu and students "Interpretation of Doctor's Handwriting" ROC no: L-129018/2023
- Prof.Nair Krishnendu and students "Real time anomaly detection system", ROC no: L-153062/2024
- Prof.Nair Krishnendu and students "ARTIFICIAL INTELLIGENCE OF THINGS WEARABLE SYSTEM FOR CARDIAC DISEASE DETECTION", ROC no: L-159608/2025

PAPER PRESENTATIONS

- Krishnendu Nair, Amina Mulla, "Deep Learning based Cyberbullying Detection with Cross Platform Evaluation on Social Media Platforms" at the International conference on advance in Multidisciplinary Engineering (ICRAME 2026) held on 01-02 April 2026 at Maharishi University of Information Technology, Lucknow campus, India as a part of Springer Nature.
- Krishnendu Nair, Atharva Jukar, Sahil Ghuge, Soham Kulkarni, Amey Sangale, Ai-Powered for evaluating for portability and Air quality Index using environmental datasets in 6th Biennial International Conference on Nascent Technologies in Engineering organised by Agnel charities Fr.C.Rodrigues institute of technology Vashi in association with IEEE and IAS on Jan 16-17 2026. (IEEE)
- Krishnendu Nair, Srushti Jaiswal, anusuya Sudeeshan, Shivanki Bhaisare, Vishakha Karande, 3rd International Conference on Recent Advances in Computational Techniques 2025, Springer proceedings, Amity University Mumbai, 13th & 14th November 2025.

- Prof. Krishnendu Nair, Siddhi Thoke, T T K Urshitha Sai, Pratham Yadav, "Voxify: Your Gateway to Multilingual Conversations". International Journal of Innovative Research in Technology - an UGC approved journal. Impact Factor 8.01 (Year 2024), UGC approved journal: 47859
- Prof. Krishnendu Nair, Abhijeet Sharma, Sanket Jadhav, Manish Borate, Dhanajay Pawde "Geo-Enriched Exploration And Amenities Clustering For Home Seekers And Business" (ISSN [ONLINE]: 2395-1052), IJSART - Volume 10 Issue 4 – APRIL 2024
- Krishnendu S. Nair "Automated Grading of Short Answer Scripts" (ISSN : 2349-5162), Date of Publication: 2024-02-21, JETIR, Volume 11 Issue 2, February-2024 UGC care JOURNAL
- Krishnendu S. Nair "Mental Health Detection based on social media activities" (ISSN : 2349-5162), Date of Publication: 2024-02-29, JETIR, Volume 11 Issue 2, February-2024 UGC care JOURNAL
- "Nair Krishnendu, Karan Shelke, Saurabh Nandkumar Bangar, Hitesh Bhagaji Date, Ujwal Ganesh Sanas" "Handwritten Digit Recognition using SVM" JETIR) ISSN : 2349-5162, UGC Approved (Journal No 63975) & Volume 10 Issue 4, April-2023 | Date of Publication: 2023-04-14 UGC care JOURNAL
- Prof. Krishnendu Nair, Faiz Shaikh, Shefali Srivastav, Shreema Shetty, Deep fake detection for video using deep learning", international journal for science and advance research in technology (IJSART), Volume: 08 Issue: 1 | Jan 2022, ISSN [ONLINE] : 2395-1052, p-ISSN: 2395-1052, UGC CARE JOURNAL
- Prof. Krishnendu Nair, Yameeni Mhaske, Ankita Gupta & Vaishnavi Bhosale, Click Fraud Detection Of Advertisements using Machine Learning, International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 4 | April 2022, e-ISSN: 2395-0056, p-ISSN: 2395-0072, ISO 9001:2008 Certified Journal
- Prof. Krishnendu Nair, Prasad Badhan, Rhugved Kale, Sahil Batham & Varun MK, Food Cuisine Analysis using Image Processing and Machine Learning, International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 4 | April 2022, e-ISSN: 2395-0056, p-ISSN: 2395-0072, ISO 9001:2008 Certified Journal <https://www.irjet.net/volume9-issue4>
- Krishnendu S. Nair, "Bidirectional Communication Device for Deaf, Dumb and Blind", International Research Journal of Engineering and Technology (IRJET), Volume 8, Issue 3, March 2021
- Krishnendu S. Nair, Advance E-Tutor: 'E-Programming Hut' Based on E-learning, International Journal for Science and Advance Research In Technology (IJSART), Volume 7 Issue 3 – March 2021
- Krishnendu S. Nair, "Fake Review Monitoring and Automated Chatbot." International Research Journal of Engineering and Technology (IRJET), February 2021
- Krishnendu S. Nair, Jinesh Melvin, Payel Thakur, Paper/Poster titled Smart Tracking App to Prevent covid 19 using AIoT, at the "6th National Conference on Advancements In Information Technology", organized by the Department of Information Science & Engineering, JSSATE, Bengaluru. 6th National Conference on "Advancements In Information Technology" (NCAIT-2020), August 2020
- Krishnendu S. Nair, Swati Ollalwar, "Example-based chat oriented dialogue system with personalized long term memory", aicte funded international conference on Recent trends in computers, electrical and electronic engineering at St. Peters College of Engineering, Hyderabad, India - 24th - 26th August 2020
- Krishnendu S. Nair, "Fake news detection using Machine learning." International Research Journal of Engineering and Technology, e-ISSN 2395-0056, p-ISSN 2395-0072, Volume: 07 Issue: 03 | Mar 2020
- Krishnendu S. Nair, "Stock market prediction using Machine learning Techniques." International journal for science and Advance research in technology, e-ISSN 2395-1052, Volume 6, Issue 1/January 2020
- Krishnendu S. Nair, "Smart Agriculture System." International Research Journal of Engineering and Technology, e-ISSN 2395-0056, p-ISSN 2395-0072, Volume: 07 Issue: 04 | APR 2020
- Krishnendu S. Nair, Jinesh Melvin. Y.I, Ginchilkrus "Robust Tissue Classification for Foot Ulcers Wound Assessment Using Image Analysis System" "HBRP Publication Advancement in Image Processing and Pattern Recognition, Volume 2, Issue 1
- Krishnendu S. Nair, Poornima Patil, Saumitra Kulkarni and Anand Deshmukh "A Survey on Security of Smart Office by Automation System", IJIRCE, ISSN (Online): 2320 – 9801 ISSN (Print): 2320 - 9798, ISSN [ONLINE] : 2395-1052, November 2018
- Krishnendu S. Nair, Tejan Satre, Niket Dare, Charanjeet Sandhu "Smart irrigation management and monitoring system using iot", IJSART, ISSN [ONLINE] : 2395-1052, December 2018.
- Krishnendu Nair, Priyaraiput, Sofiya Rao, Laxmi and Manali Thombare, "Employee Tracking and Attendance Management System Using RFID", IJRESM, ISSN (Online): 2581 – 5792, December 2018.

- Krishnendu S. Nair, “Fingerprint recognition for user authentication to implement ATM Security”, International journal for science and advanced research in technology, ISSN: 2395-1052, Volume 3, Issue 2, February 2017.
- Krishnendu S. Nair and Shekhar Mane, “Voice-controlled robotic vehicle with long-distance Speech Recognition”, International Conference on Enamations in Modern Technology and Engineering, 4th and 5th March 2017 at Sheer L. R. Tiwari College of Engineering.
- Krishnendu S. Nair “Spatial Face Recognition” in International Conference on Emerging Technology Trends (ICETT 2011)
- Krishnendu S. Nair, Preetika Chatta “Application of evolutionary algorithm for project scheduling” in National Conference on Advanced Technology (NCOAT’11) on 8th and 11th March 2011
- Krishnendu S. Nair “Biometric recognition using facial expressions” in National Technical Symposium on Advancements in Computing Technologies (NTSACT’11) on 17th and 18th March 2011
- Krishnendu S. Nair “Modern Image Denoising” in National Conference on Recent Trends and Advances in Information Technology (NCRAIT’11) on 5th March 2011

Place: New Panvel