Dr.S. RUBAN

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Current Role Description	▪ Associate Professor and Dean ▪ School of Engineering ▪ St Aloysius (Deemed to be University), Mangalore ▪ Joining Date: 3rd June 2008.

Education Summary

Degree and Date	Institute	Major and Specialization
PhD (Feb 2019)	Bharathiar University	Computer Science
M.Phil. (2004)	Manonmaniam Sundarnar University	Computer Science
M.Sc. (2002)	St Joseph's College, TamilNadu	Computer Science

Work Experience

Role and Position	From	To	Institution
Lecturer	Aug 2002	May 2008	Noorul Islam college of Engineering, Kumaracoil, Tamilnadu, India.
Lecturer	June 2008	May 2009	St Aloysius college (Autonomous), Mangalore, Karnataka, India.
Senior Lecturer	June 2009	May 2010	St Aloysius college (Autonomous), Mangalore, Karnataka, India.
Asst. Professor & HOD	June 2010	June 2019	St Aloysius college (Autonomous), Mangalore, Karnataka, India.
Associate Professor & HOD	July 2019	May 2025	St Aloysius college (Autonomous), Mangalore, Karnataka, India.
Associate Professor & Dean	May 2025	Till Date	St Aloysius Deemed to be University, Mangalore.

Funded Research Project(s)	▪ Principal Investigator, "Setting Up Big Data Lab and Using Analytics to Identify and Manage High Risk and High Cost Patients in Nearby Hospitals", GRD – 545, K-FIST(L2), VGST, Govt. of Karnataka, 2018-2021, 24 Lakhs. (completed) ▪ Co-Investigator, "Investigating the Food habits and changing trends of Mogaveera Community and its relevance over Health using Machine Learning Models ", UGC-STRIDE, Scheme for Trans-Disciplinary Research for India's Developing Economy, Grant-no. F.2-20/2019(STRIDE-I)", Total Allotted Amount 4 Lakhs. (completed) ▪ Principal Investigator, "Smartphone device for bilirubin estimate in Neonates "mBilimeter", Funding by DSTHUB MAHE, Grant No :

	TDP/BDTD/HUB/MAHE/02/2023(G), Total Allotted amount 32 Lakhs. (In progress). ▪ Project Guide, "DEVELOPMENT OF CHAT BOT FOR VACCINATION USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"via Ref: 7.1.01/SPP/37 and Project Proposal Reference No. : 47S_MSC_0273, Students : Reshab A Shetty, Adash MK, Vinayaka D, Soujanya. Total Allotted Amount Rs.5500 ▪ Project Guide, "AI DRIVEN APPROACH FOR BRONCHOPNEUMONIA DETECTION IN CHILDREN" via Ref: 7.1.01/SPP/37 and Project Proposal Reference No. : 47S_MSC_0256, Students : Shraddha H Shetty, Yashaswi K. Total Allotted Amount Rs.5500.

Collaborative Research Protocols:

Title:	Publication/Forum:	Date :
1. Principal Investigator, "Assessing the impact of Fitbit Sense 2 on Sleep Quality and Physical activity in Patients with Type 2 Diabetes patients: A comprehensive Monitoring Study" Co-investigator: Prof. Eiko Takakao, Faculty of Science and Technology, Sophia University, Japan.		
2. Principal Investigator, "SMARTHB- Intelligent Non-Invasive Haemoglobin Innovation Detection" via protocol no 837/2025 and approval no: FMIEC/CCM /183/2026. Co-investigator(s): Dr.K.Shreedhara Avabratha.		
3. Co-Investigator, " An AI based prediction model for Non communicable diseases in patients with chronic kidney disease" via protocol no KIMS-IEC 2025/FC006 and ref no KIMS/IEC/FC006/2025-EC/NEW/INST/2023/3522 at IEC, Kanachur Institute of Medical Sciences, Mangalore.		
4. Principal Investigator, "Leveraging Machine Learning to tailor Diets for preventing Lifestyle-related diseases", via protocol no 295/2024 and approval no: FMIEC/CCM/269/2024. Co-investigator(s): Dr. Akshay Dias, Physician, Dr. Sandras Joseph, Dietician.		
5. Principal Investigator, "Investigating Medical Student perceptions of AI's role in medicine and their comfort level with Medical bots", via protocol no 300/2024 and approval no: FMIEC/CCM/272/2024, Co-investigator: Dr. Hilda Shanthini, Department of Anaesthesiology.		
6. Co-Investigator, "AI Model for detecting Helicobacter pylori in Gastric Biopsies" via protocol no: 378/2023 and approval no: FMIEC/CCM/406/2023. Principal Investigator: Dr. Akshay Dias, Department of General Medicine.		

7. Co-Investigator, " An AI model for predicting and managing blood glucose levels for people suffering from Type 1 Diabetes Mellitus(T1D)" via protocol no : 367/2023 and approval no: FMIEC/CCM/417/2023. Principal Investigator: Dr. Mangala, Dr. Sudeep, Endocrinologist.
8. Principal Investigator, "A predictive model based on pattern study for the diagnosis of malaria and dengue using machine learning and big data.", with Father Muller Medical College Hospital, via protocol no: 126/19(FMMCIEC/CCM/149/2019) on 12.06.2019, Coinvestigator: Dr. Sanjeev Rai, Chief Research Officer, Father Muller Medical College.
9. Principal Investigator, "An Effective Model for detecting patterns of Diabetes Mellitus and hypertension among patients in RHTC Thumbay community using Big Data Analytics and machine Learning, via protocol no: 125/19(FMMCIEC/CCM/148/2019) on 12.06.2019, Coinvestigator: Dr. Sudhir Prabhu, Dr. Achal Shetty, Dept. of community medicine, Father Muller Medical College.
10. Principal Investigator, "Improvising Breast Cancer Detection on Mammography using AI based Deep Learning Techniques", via protocol no: (FMMCIEC/CCM/2165/2021) on 12.06.2019, Coinvestigator: Dr. Ram Shenoy Basti, Dept. of Radiology and Imaging, Father Muller Medical College.
11. Principal Investigator, "Bilirubin estimation among the neonates using AI based Machine Learning", via protocol no: (FMMCIEC/CCM/168/2022) on 09.03.2022, Coinvestigator: Dr. Saritha Paul, Dr. Sanjeev Rai, Dept. of Pediatrics, Father Muller Medical College.
12. Principal Investigator, "Automatic Mandibular canal detection in CBCT using Deep Learning Algorithms", via protocol no: (22005) on 20/12/2022, Coinvestigator Dr. Jefferson, Dr. Nanditha Sujir, Dr. Junaid Ahmed, Dr. Mohan, Manipal College of Dental Sciences, Mangalore.
13. Principal Investigator, "Exploring the factors for the Acceptance and Reluctance towards covid-19 Vaccine among the Urban and Rural population of Karnataka, Kerala and Taminadu", via protocol no: 145/2022 on 21.03.2022,
14. Principal Investigator, "A survey on the Knowledge and awareness of Artificial Intelligence among the Medical Faculties and Students", via protocol no: 195/2021 via Approval no : FMIEC/CCM/212/2021.
15. Co-Investigator, " AI Model for detecting Helicobacter pylori in Gastric Biopsies" via protocol no : 378/2023 and approval no: FMIEC/CCM/406/2023.
16. Co-Investigator, " An AI model for predicting and managing blood glucose levels for people suffering from Type 1 Diabetes Mellitus(T1D)" via protocol no : 367/2023 and approval no: FMIEC/CCM/417/2023.

17. Principal Investigator, "Leveraging Machine Learning to tailor Diets for preventing Lifestyle-related diseases", via protocol no 295/2024 and approval no: FMIEC/CCM/269/2024.

Publications (Recent)

Title:	Publication/Forum:	Date :

1. Ruban, S., Vinay, V., Rai, S., Shanthini, H. (2025). Comparative Study of Non-invasive Dengue Detection Using Bagging, Boosting, and Deep Learning Models. In: Shukla, S., Sayama, H., Tiwari, K., Kureethara, J.V. (eds) Data Science and Security. IDSCS 2024. Lecture Notes in Networks and Systems, vol 1354. Springer, Singapore. https://doi.org/10.1007/978-981-96-4880-1_14.
2. Guruprasad, Sunitha & Bhat, Padmini & Ruban, S. (2025). Advanced BI-RADS Classification for Mammographic DICOM Data Using Transformers Architecture for Cancer Detection. 1-6. 10.1109/DISCOVER66922.2025.11259008.
3. V, Varenya & S, Ruban. (2025). CareReport: An Empathetic AI-based RAG-driven Medical Report Assistant. 204-208. 10.1109/INSPIRE67328.2025.11300586.
4. Natarajan, S., Ahmed, J., Sundarraj, Ruban. *et al.* Tooth shape and sex estimation: a 3D geometric morphometric landmark-based comparative analysis of artificial neural networks, support vector machines, and Random Forest models. *3 Biotech* **15**, 273 (2025). https://doi.org/10.1007/s13205-025-04439-7
5. Mahmoud, A., Ruban, S., Takaoka, E. (2025). Automating the Future: The Application of Machine Learning in Manufacturing. In: Pal, S., Rocha, Á. (eds) . Lecture Notes in Networks and Systems, vol 1398. Springer, Cham. https://doi.org/10.1007/978-3-031-90998-6_34.
6. Achal Shetty, Ruban S, Mohammed Jabeer, Deeksha Deepak, Shalya NE, Sudhir Prabhu, Prediction of primary Hypertension in Primary Health Care Settings inCoastal Karnataka Using Artificial Neural Network, Current Hypertension Reviews; Volume 21, Issue 2, Year 2025, e15734021329874. DOI: 10.2174/0115734021329874250222053144.
7. S. Ruban, S. Anitha, Arulkumar V. P., G. Bhuvaneswari, G. Manikandan, Robinson Joel M., Important Concerns With Comorbidities and Type 2 Diabetes in Clinical Decision Support Systems Based on Mobile Solutions, Source Title: Impact of Digital Solutions for Improved Healthcare Delivery, Copyright: 2025 |Pages: 26, DOI: 10.4018/979-8-3693-5237-3.ch008.
8. Ruban, S., Prabagar, S., Moorthy, C., Manimozhi, J. P., Robinson Joel, M., & Manikandan, G. (2025). Making Clinical Decisions to Treat Patients by Using Health Information Technology. In B. Soufiene & C. Chakraborty (Eds.), Responsible AI for Digital Health and Medical Analytics (pp. 87-112). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3693-6294-5.ch004.
9. M Meenakshi; S. Ruban; T J Nandhini; S Loganayagi; Raad Muhammed Sayed; Enas Hassan, "A Framework Design of ML Classifier Algorithm for Retrieve the Information About the Drugs and its Quality," *2024 4th International Conference*

on Advance Computing and Innovative Technologies in Engineering (ICACITE), Greater Noida, India, 2024, pp. 409-412, doi: 10.1109/ICACITE60783.2024.10616883.

10. Ruban, S., Jabeer, M.M., Ram, S. (2024). An AI-Based Diagnostic System to Predict BI-RADS Scores for Detecting Breast Cancer over Mammograms, Savarimuthu, X., Subramani, S., & Noel Joseph Raj, A. (Eds.). Artificial Intelligence for Multimedia Information Processing: Tools and Applications (1st ed.). CRC Press. https://doi.org/10.1201/9781003405436
11. Ruban, S., Jabeer, M.M., Rai, S. (2024). Daily Platelet Count Prediction in Treating Dengue Patients Using Deep Learning Algorithm. In: Shetty, N.R., Prasad, N.H., Nagaraj, H.C. (eds) Advances in Communication and Applications. ERCICA 2023. Lecture Notes in Electrical Engineering, vol 1105. Springer, Singapore. https://doi.org/10.1007/978-981-99-7633-1_38.
12. Ruban S, Improvisation of Breast Cancer Detection using LSTM Algorithm, A. K. Visvam Devadoss et al. (eds.), Proceedings of the 6th International Conference on Intelligent Computing (ICIC-6 2023), Advances in Computer Science Research 107, Atlantis press, Springer, https://doi.org/10.2991/978-94-6463-250-7_31
13. Ruban, S., Naresh, A., Rai, S. (2023). An Ensemble Approach for Detecting Malaria Using Classification Algorithms. In: Shetty, N.R., Patnaik, L.M., Prasad, N.H. (eds) Emerging Research in Computing, Information, Communication and Applications. Lecture Notes in Electrical Engineering, vol 928. Springer, Singapore. https://doi.org/10.1007/978-981-19-5482-5_27.
14. Ruban, M. Moosa Jabeer and R. Shenoy Basti, "Improvising Breast Cancer detection using CNN, VGG and SSD Algorithms," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), Kannur, India, 2022, pp. 1772-1776, doi: 10.1109/ICICICT54557.2022.9918009. (https://ieeexplore.ieee.org/document/9918009)
15. Ruban, S., Naresha, Rai, S. (2022). Detecting Dengue Disease Using Ensemble Classification Algorithms. In: Shukla, S., Gao, XZ., Kureethara, J.V., Mishra, D. (eds) Data Science and Security. Lecture Notes in Networks and Systems, vol 462. Springer, Singapore. https://doi.org/10.1007/978-981-19-2211-4_4.
16. Ruban, S., Jabeer, M.M., Besti, R.S. (2022). Detection of Breast Tumor in Mammograms Using Single Shot Detector Algorithm. In: Singh, M., Tyagi, V., Gupta, P.K., Flusser, J., Ören, T. (eds) Advances in Computing and Data Sciences. ICACDS 2022. Communications in Computer and Information Science, vol 1614. Springer, Cham. https://doi.org/10.1007/978-3-031-12641-3_30.
17. Suresh R, Ruban S, Kumar S. TB care for women and Covid-A double health crisis in the offing? Health Care Women Int. 2020 Nov-Dec;41(11-12):1226-1239. doi: 10.1080/07399332.2020.1837135. PMID: 33616508.
18. Ruban, S and Rai, Sanjeev. "Enabling data to develop an AI-based application for detecting malaria and dengue". Computational Intelligence and Predictive Analysis for Medical Science: A Pragmatic Approach, edited by Poonam Tanwar, Praveen Kumar, Seema Rawat, Masoud Mohammadian and Saif Ahmad, Berlin, Boston: De Gruyter, Germany,2021, pp. 115-138.

https://doi.org/10.1515/9783110715279-006.

19. Ruban S, Naresh A, Sanjeev Rai. "A Noninvasive Model to Detect Malaria Based on Symptoms Using Machine Learning", Advances in Parallel Computing Technologies and Applications, IOS Press, Netherlands, 23-30, 2021.
20. Ruban S, Naresh A, Sanjeev Rai, "A Noninvasive model to detect Dengue based on symptoms using Artificial Intelligence and Machine Learning", Lattice, The Machine Learning Journal, vol.2, Issue:1, 2021, pp.31-35.

Conference Presentations (Recent)

Title:	Publication/Forum:	Date :

1. Presented the paper titled Non-Invasive Detection of Neonatal Jaundice using Image-Based Machine Learning Classifiers in the International Conference on Secure Data Science and Applications (ICSDSA-26) held at Dayananda Sagar Academy of Technology and Management, Bangalore, India in technical association with The Tejas Scientific Researcher Foundation, India during March 27-28, 2026.
2. Presented the paper titled Correlation to the efficacy of the Transcutaneous Bilirubinometer in estimating the Bilirubin level between the Forehead and the sternum in Neonates in the International Conference on Secure Data Science and Applications (ICSDSA-26) held at Dayananda Sagar Academy of Technology and Management, Bangalore, India in technical association with The Tejas Scientific Researcher Foundation, India during March 27-28, 2026.
3. Ruban, Suchetha Vijay Kumar, Adarsh M K, Reshab A Shetty "A Comparative Study of Language Model Approaches for Efficient Vaccine Information Dissemination Through Chatbot" ISBN: 978-93-89476-67-5 | DOI: 10.25215/9389476674.01.
4. Ruban, Suchetha Vijay Kumar, Srinivas B L, Adarsh Manikoth "Comparative Insights into AI and Transformer Models for Oral Pathology" ISBN: 978-93-89476-67-5 | DOI: 10.25215/9389476674.21.
5. Ruban S, Deeksha, Prathviraj, Sonith "Detecting Lymph Nodes in Ct Images using Deep Learning Exploration" ISBN: 978-93-89476-67-5 | DOI: 10.25215/9389476674.30.
6. Ruban S, Srinivas BL, Shravya S, Prajwal C "Enhancing Breast Cancer Diagnosis with Deep Learning Techniques", ISBN: 978-93-89476-67-5 | DOI: 10.25215/9389476674.39.
7. Ruban S, Varenya, Tithanyian.V.P. Fernandes, Mohammed Shamran "Hemo Scan: Detecting Hemoglobin and Anemia Through the Eye", ISBN: 978-93-89476-71-2 | DOI: 10.25215/9389476712.09.
8. Ruban, Srinivas BL, Rithika Valentina Suares, Yathin, "Medquery AI: Leveraging the Llama-2b Model for Diagnosing HIV, Stroke, And Asthma" ISBN: 978-93-89476-71-2 | DOI: 10.25215/9389476712.20.
9. Ruban S, Shalya, Jabeer A, Ram Shenoy, " Leveraging Deep Learning for Early Detection of Breast Cancer: A Multi algorithm investigation" presented at ICETBT-2024, International Conference on Emerging Trends in Digital Technologies – 2024

(ICETDT-2024) on 24th February 2024 at Mumbai.

10. Ruban S, Moosa Jabeer A, Ram Shenoy, "An AI based approach to predict BI- RADS Score in detecting Breast cancer over Mammograms", presented at IDSCS'23 International Conference on Data Science, Computation and Security, (02-03 November 2023), Christ University, Bangalore.
11. Ruban S, Moosa Jabeer A, Sanjeev Rai, "Daily Platelet Count Prediction in treating Dengue Patients using Deep Learning Algorithm", presented on the International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2023, held on 25-26, February'2023. To be published on Springer "Lecture Notes in Electrical Engineering", (https://www.springer.com/series/7818)
12. Ruban, M. Moosa Jabeer and R. Shenoy Basti, "Improvising Breast Cancer detection using CNN, VGG and SSD Algorithms," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), Kannur, India, May 2022.
13. Ruban S, Naresh A, Sanjeev Rai, "Detecting Dengue Disease using Ensemble Classification Algorithms", presented on the International conference on Data Science computation and security (IDSCS 2022) (Springer "Lecture Notes in Networks and Systems", (https://www.springer.com/series/15179) held on 11-12 Feb 2022.
14. Ruban S, Naresh A, Sanjeev Rai, "An Ensemble Approach for Detecting Malaria Using Classification Algorithms", presented on the International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2022, held on 25-26, February'2022. To be published on Springer "Lecture Notes in Electrical Engineering", (https://www.springer.com/series/7818)
15. Ruban, M. Moosa Jabeer , Roopesh, Ramya "Stroke Prediction using ML techniques" at SACAIM 2022, International conference held at AIMIT, St Aloysius college(Autonomous), Mangalore on Dec 2022.
16. Ruban, M. Moosa Jabeer , Arshan "Prediction on Cardiovascular illness with Machine Learning" at SACAIM 2022, International conference held at AIMIT, St Aloysius college(Autonomous), Mangalore on Dec 2022.
17. Ruban, M. Moosa Jabeer, Safwan "Malaria disease detection using Deep Learning" at SACAIM 2022, International conference held at AIMIT, St Aloysius college(Autonomous), Mangalore on Dec 2022.
18. Ruban, M. Moosa Jabeer, Deeksha "Brain tumour detection using Deep Learning tecchnique" at SACAIM 2022, International conference held at AIMIT, St Aloysius college(Autonomous), Mangalore on Dec 2022.
19. Ruban, M. Moosa Jabeer, janardhan "Hand Fracture detection using Deep Learning techniques" at SACAIM 2022, International conference held at AIMIT, St Aloysius college(Autonomous), Mangalore on Dec 2022.
20. Stuart Oliver, Shashwath Nath, Ruban S, "Breast Cancer Detection Using Deep Learning Techniques", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.

21. Chaitra, Minaam, Ruban S, "Prediction of PCOS/PCOD using Machine Learning", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
22. Rachel, Joylia, Ruban S, "Speech Emotion Recognition Using Deep Learning Techniques", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
23. Stuart Oliver, Shashwath Nath, Ruban S, "Breast Cancer Detection Using Deep Learning Techniques", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
24. Chaitra, Minaam, Ruban S, "Prediction of PCOS/PCOD using Machine Learning", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
25. Amit, Indrajith, Ruban S, "House price prediction using Machine Learning Techniques", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
26. Dhanya, Jagruthi, Ruban S, "Ischemic Stroke Prediction Using Deep Learning Techniques", Conference proceedings of the Eighth International Conference(Virtual) on Advances in Information Technology & Networking(Icatn'21), 10th Nov 2021, Department of Computer Science, Dr G R Damodaran College of Science, Coimbatore.
27. Prajwal Kumar Shetty, Sanjana, Ruban S, "Detection of Liver Diseases using Machine Learning Algorithms", Conference proceedings of the St Aloysius college international conference on Advanced IT, Engineering and Management – 2021. (SACAIM – 2021) ISBN no: 978-93-91077-79-02, Dec 2nd and 3rd
28. Chaitra Krishna, Minaam, Ruban S, "Prediction of Thyroid using Machine Learning Algorithms", Conference proceedings of the St Aloysius college international conference on Advanced IT, Engineering and Management – 2021. (SACAIM – 2021) ISBN no: 978-93-91077-79-02, Dec 2nd and 3rd
29. Shashwath Nath, Stuart Olivera, Ruban S, "Chronic obstructive pulmonary disease Severity prediction using Machine Learning", Conference proceedings of the St Aloysius college international conference on Advanced IT, Engineering and Management – 2021. (SACAIM – 2021) ISBN no: 978-93-91077-79-02, Dec 2nd and 3rd.
30. Dhanya Kedambadi, Jagruthi, Ruban S, "Prediction of Covid 19 Impact On lungs using Deep learning", Conference proceedings of the St Aloysius college

international conference on Advanced IT, Engineering and Management – 2021. (SACAIM – 2021) ISBN no: 978-93-91077-79-02, Dec 2nd and 3rd

Awards and Recognition: (Recent)

1. Awarded Best Research paper award for the academic year 2025-26 at Sambharama 2024, St Aloysius Deemed to be university, Mangalore.
2. Received a certificate of Appreciation for the prototype development titled "Smartphone device for bilirubin estimation in Neonates "mBilimeter" on 5th December 2025 at MIDAS DST-MAHE Hub, Manipal from Department of Science and Technology, Govt of India.
3. Had been selected for the Sophia Lecturing - Research Grant for the academic year 2024 (STEC -2024) by Sophia University, Japan and is invited as a Visiting Associate professor to the Department of Science and Technology, Sophia University under the research supervisor Prof. Eiko Takao from April – July 2024.
4. Awarded Best Research paper award for the academic year 2023-24 at Sambharama 2024, St Aloysius Deemed to be university, Mangalore.
5. Awarded Best Research paper award for the academic year 2022-23 at Sambharama 2023, St Aloysius Deemed to be university, Mangalore.
6. Won the best project presentation and got selected for funding for the research project "Smartphone device for bilirubin estimate in Neonates "mBilimeter" by DST, New Delhi, Dec 2021.
7. One of his paper "A non-invasive model to detect Dengue based on symptoms using AI and ML" was selected as one of the top ten papers presented at Machine Learning Developer Summit (MLDS) held from Feb 11 to 13, Bangalore by Analytics India.(https://analyticsindiamag.com/top-10-papers-presented-at-mlds-2021/)

Research Interests

Area in which Research is going on..
Healthcare Analytics
Artificial Intelligence in Healthcare
Machine Learning and Deep Learning
Big Data Analytics

Declaration

I hereby declare that all statements made in this resume are true and complete to the best of my knowledge and belief.

Date: 06th April 2026 **Signature of the Faculty**