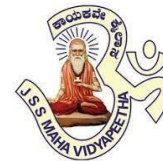# JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post
Bangalore 560060

PROFILE

1. Personal Details

NAME	**Dr. Anil B C**
EDUCATION	B.E (CSE), MTech (CSE), Ph.D. (CSE),(PDF)
DEPARTMENT	CSE(AIML), JSSATEB
DESIGNATION	Associate Professor & Head
PHONE	+91- 9886519295
EMAIL ID	**anil.bc2@gmail.com** **anilbc@jssateb.ac.in** **hodaiml@jssateb.ac.in**
Year of Joining (JSSATEB)	2013
IEEE	SENIOR Member

2. Experience

Total Experience in Years	Teaching :12 Years	Research: 6

3. Qualifications

COURSES	SPECIALIZATION	Yearof Award	INSTITUTION	UNIVERSITY
PhD	Computer Science & Engineering	2022	JSSATE, Bengaluru	VTU, Belagavi
M. Tech	Computer Science & Engineering	2012	SBMJCE, Bengaluru	Jain, Bengaluru
BE	Computer Science & Engineering	2010	RYMEC, Bellary	VTU, Belagavi

4. Research&Publications

Papers Published in Web of Science indexed Journals	International:04	National:01
Papers Published in SCOPUS Indexed Journals	International:12	National:01
Papers Published in other Journals	International:04	National:01
Papers Presented in Conferences / Symposium	International:03	National:01

5. Consultancy

Title of the work	Amount in Rs.	Duration	Grant issuing authority/Body/ Organization
Areapedia– Webbased application	1,20,000/-+ 18%GST	Eight months	M/s.INTARCSTechnologiesPvt Ltd.,Global VillageTechPark, Kengeri,Bangalore

6. Few Major Publications

1. Anil, B.C., Rajkumar, J.S., Gowdru, A.K., Rakshitha, K.P., Khaiyum, S., Lathamani, B. and Ramadoss, B. 2025. Interpretable AI for Liver Cancer Detection: Cascaded CNN & GLCM Integration. *Engineering, Technology & Applied Science Research*. 15, 2 (Apr. 2025), 21243–21248. DOI:https://doi.org/10.48084/etasr.10147.

2. B. C., Anil ., Savita, S., Shubhan, S., Mahrach, Y. ., Vidhate, D. A. ., & Babu, M. S. . (2024). Application of Nanotechnology in Agricultural Systems: Improving Efficiency and Sustainability. International Journal of Intelligent Systems and Applications in Engineering, 12(10s), 07–12. Retrieved from https://ijisae.org/index.php/IJISAE/article/view/4343.

3. Anil, B. C., Gowdru, A. K., Prithviraja, D., Kundur, N. C., & Ramadoss, B. (2023). Identifying liver cancer cells using cascaded convolutional neural network and gray level co-occurrence matrix techniques. IAES International Journal of Artificial Intelligence (IJ-AI), 13(4), 3083–3091. https://doi.org/10.11591/ijai.v13.i3.pp3083-3091.

4. Anil B C, Alpna Sharma, Surya Pratap Singh, Dr. P Joel Josephson, 2024. Predicting Chronic Diseases and Measuring Drug Effectiveness in Diabetes using Machine Learning and Statistical Methods to aid Clinical Decision Making. Library Progress International. Vol. 44 No. 3 (2024): LIB PRO. 44(3), JUL-DEC 2024 (Published: 31-07-2024)

5. Lathamani, B., Kundur, N.C., Swamy, C.J., Hanumanthaiah, P.K., Dhulavvagol, P.M. and Anil, B.C. 2024. Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique. Engineering, Technology & Applied Science Research. 14, 6 (Dec. 2024), 17711–17716. https://doi.org/10.48084/etasr.8760.

6. Anil BC and Dayananda P(2021),Automatic Liver Tumor Segmentation based on Multi-level Deep Convolutional Networks and Fractal Residual Network, IETE Journal of Research,.pp. 1-10.https://doi.org/10.1080/03772063.2021.1878066 (IF:1.24)(WoS and Scopus).

7. Anil. B.C., Dayananda P,Nethravathi B and Raisinghani, M.S(2021), Efficient Local Cloud-Based Solution for Liver Cancer Detection using Deep Learning, International Journal of Cloud Applications and Computing, IGI Global. (IF: 0.43) (WoS and Scopus).

8. Anil B C, Dr. Dayananda P," Study on Segmentation and Liver Tumor Detection Methods", International Journal of Engineering & Technology, 2018, , Volume 7, PP.28-33. DOI: 10.14419/ijet.v7i3.4.14670. (Scopus Indexed).

9. Dayananda P, Anil BC, Sowmyarani CN, "Efficient Local Cloud Based Solution for Diabetic Retinopathy Detection", International Journal of Web-Based Learning and Teaching Technologies, IGI global, Volume 16, Issue 3, Article 3, 2021.(Scopus Indexed)

10. Shyam Sunder Bahety, Vishwadeep Tejaswi, Kishan Kumar, Sharad R Balagar, BC AnilJournal, I. J. E. R. T. (2020). IJERT-Implementation of Automated Attendance System using Facial Identification from Deep Learning Convolutional Neural Networks. International Journal of Engineering Research and Technology (IJERT). ISSN: 2278-0181.Special Issue 2020.

11. Nethravathi, B., Sinchana, S. S., & AnilB. C. (2019). Advanced face recognition-based door unlock system using arduino. International Journal of Recent Technology

and Engineering (IJRTE), 8(3).ISSN: 2277-3878, Volume-8 Issue-3, September 2019.DOI:10.35940/ijrte.C6541.098319.

12. Kanakambika, P. N., Priyanka, S. S., & Anil, B. C. An Optimised Eye Blink Detection Mechanism for Disabled Persons. Journal of Signal Processing, Volume 5, issue 3.https://doi.org/10.5281/zenodo.3540429.

7. Membership of Professional Bodies: ISTE, CSI, IEEE Senior Member

8. Workshops/Conferences Attended

Sl.No	Workshop/ Seminar/ Symposium	Title of Paper/Workshop	Organizer
1.	FDP	Devops & Generative AI	JSSATEB
2.	Workshop	Leadership Development Program	JSSATEB
3.	FDP / Seminar	AI & Emerging Technologies	JSSSTU,Mysuru
4.	Workshop	Workshop on Neural Systems - Science and Engineering	IISc, Bangalore
5.	Workshop	Python and Rprogramming	NIT, Warangal
6.	Workshop	Theory of computation	NIT, Warangal
7.	Workshop	Computational Data Science	JSSATEB
8.	National Symposium	DataScience–Trends& opportunity	JSSATEB
9.	Workshop	Microsoft Azura and cognitive services	Microsoft & JSSATEB
10.	Technical Talk	BigData Analytics	JSSATEB
11.	Workshop	Cognitive computing	Accenture, Tower A, Pritech Park, Ecospace Business Park,

9. Details of NPTEL/COURSERA courses completed

Sl.No.	Name of the subject	Organised by	Grade/ Marks
1	Accreditation and outcome based learning	NPTEL	Elite (79%)
2	Introduction to IoT and Embedded system	COURSERA	91%
3	COVID-19:WhatYou Need to Know (CMEEligible)	COURSERA	100%

10. Few Major Events Organized:

Sl No	Date	Program Conducted	Resource Persons	Impact of the Program
1	06/03/2025-07/03/2025	JSS Navotthana is a 24-hour offline hackathon	Poornachandra CM, Automation Developer, AngelOne	JSS Navotthana proved to be a resounding success, fostering creativity, teamwork, and technical excellence among students. The event witnessed enthusiastic participation, and the innovative solutions presented showcased the immense potential of budding engineers in AI-driven problem-solving. The guidance and expertise of the esteemed judges played a crucial role in evaluating and recognizing the best projects. The hackathon concluded on a high note, inspiring participants to continue their journey in technological advancements and innovation.
2	15/10/2024	One day workshop " Insights of image Processing & its Applications in Industry "	Prof. Kumaraswamy Post-Doctorate, IISc Bengaluru	The seminar on the perspective of the Insights of image Processing & its Applications in industry can provide for knowledge sharing and decision making benefiting participants.
3	28/09/2024	"Aadi Antha Prena"	NEC E-Cell team JSSATEB	The Aadi Antha Prerna Startup Pitch Competition was a significant success, showcasing the entrepreeurial spirit and innovative ideas of participants. The event concluded on a high note, inspiring future competitions and fostering growth within the entrepreneurial ecosystem.
4	22/08/2024	Two days Hands on Session "Java spring Boot Applications"	Mr. Harsha K S (Automation Engineer, Apple) & Mr. Yathish L (Analyst, Eli Lilly)	Students gained foundation programming skills, along with practical experience in developing applications using java spring boat.
5	24/07/2024	Online Hackathon	Geeks for Geeks	This Hackathon was a spring board for students to showcase their technical skills, team work.
7	06/06/2024	Deep Learning and IoT Workshop	Ms. Sneha Bhapkar. NVIDIA	Overall, the workshop successfully equipped participants with the knowledge and skills required to embark on their IoT projects and explore the exciting possibilities of IoT technology in various domains.
8	28/11/2024	Cyber Security and Network Defense with AI Insights	Mr. Abhishek V, Senior Security Manager L2 at IBM.	Through the expertise of the keynote speaker, participants gained exposure to cutting-edge tools and methodologies that are highly sought after in the tech industry. This initiative not only enhanced their technical proficiency but also fostered critical thinking and problem-solving skills, which are pivotal for addressing dynamic industry demands.

9	10/02/2024	Machine learning - Underlying Mathematics	Mr. Gopal Rao Karanam, Technical Lead,Thales India Pvt Ltd,	Speaker highlighted the trailblazer in machine learning and natural language processing (NLP), cutting-edge solutions for intricate business challenges. Dr. Umadevi, Assistant Professor, Dept. Of Mathematics gave vote of Thanks to the audience. The one day work shop well appreciated by all the students.
10	11/09/2023	Operating Systems and Its Importance In Industry	Ms. Aruna Member Of Technical Staff M/S Adobe	In summary, an operating system is a vital software layer that acts as an intermediary between users and computer hardware, providing essential services and resource management to enable the effective and efficient use of computers.

Irins Link : https://jssateb.irins.org/profile/98675

Scopus Link : https://www.scopus.com/authid/detail.uri?authorId=57211910162

Google Scholar Link : https://scholar.google.co.in/citations?user=Nf9XSlYAAAAJ