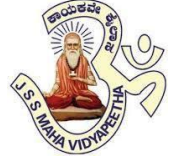





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education**  
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## PROFILE

### 1. Personal Details

NAME	Dr. Anil B C	
EDUCATION	B.E (CSE), M.Tech(CSE), Ph.D (CSE),(PDF)	
DEPARTMENT	CSE(AIML), JSSATEB	
DESIGNATION	Professor & Head	
PHONE	+91 9886519295	
EMAIL ID	<a href="mailto:anil.bc2@gmail.com">anil.bc2@gmail.com</a> <a href="mailto:anilbc@jssateb.ac.in">anilbc@jssateb.ac.in</a> <a href="mailto:hodaiml@jssateb.ac.in">hodaiml@jssateb.ac.in</a>	
Date of Joining (JSSATEB)	2013	
IEEE	SENIOR Member	

### 2. Experience

Total Experience in Years	Teaching: 13 Years	Research: 07
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
PhD	Computer science and Engineering	2022	JSSATE, Bengaluru	VTU, Belagavi
M.Tech	Computer science and Engineering	2012	SBMJCE, Bengaluru	Jain, Bengaluru
B E	Computer science and Engineering	2010	RYMEC, Bellary	VTU, Belagavi

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 04	National: 00
Papers Published in SCOPUS indexed Journals	International: 12	National: 00
Papers Published in other Journals	International: 01	National: 01
Papers Presented in Conferences / Symposium	International:01	National: 01

### 5. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Areapedia – Web based application	1,20,000/- + 18 % GST	20/02/2020	Eight months	M/s. INTARCS Technologies Pvt Ltd., Global Village Tech Park, Kengeri, Bangalore

## 6. 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 Anil Journal, 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., & Anil B. 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>.

### 13. Membership of Professional Bodies:

1. ISTE Member
2. Computer Society of India (CSI)

### 14. Workshops /Conferences Attended

Sl. No	Name of Co-Author/workshop	Title of Paper/workshop	Publisher/Organizer
1.	Workshop	Workshop on Neural Systems - Science and Engineering	IISc, Bangalore
2.	Workshop	Python and R programming	IARE HYD & NIT, Warangal
3.	Workshop	Theory of computation	NIT, Warangal
4.	Workshop	Computational Data Science	JSSATEB
5.	National Symposium	Data Science – Trends & opportunity	JSSATEB
6.	Workshop	“Microsoft Azura and cognitive services”	Microsoft & JSSATEB
7.	Technical Talk	“Big Data Analytics ”	JSSATEB
8.	Workshop	Cognitive computing	Accenture , Tower A, Pritech Park, Eco space Business Park,

### 15. Details of NPTEL / COURSERA courses completed (Important)

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Azure ML: Deploying, Managing, and Experimenting with Models on Coursera	COURSERA	2026	90%
2	Accreditation and outcome based learning	NPTEL	2020	Elite (79%)
3	Introduction to IoT and Embedded system	COURSERA	2020	91%
4	COVID-19: What You Need to Know (CME Eligible)	COURSERA	2020	100%

**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=Nf9XSIYAAAAJ>