

Updated on 23/09/2024

CURRICULUM VITAE

Dr. H. BENJAMIN FREDRICK DAVID

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OBJECTIVE:

To work in a healthy, innovative and challenging environment, which will, extract the best out of me. I intend to learn more and produce the desired results for the growth of both the institution and myself. I will be a valuable asset to the institution.

EDUCATIONAL QUALIFICATIONS:

Qualification	Field	Institution	Month and Year of passing	Marks/Credits Secured	Aggregate (%) / Aggregate (CGPA)	Class/ Specialization
M.B.A.	H.R.M	Alagappa University, Karaikudi	April 2024	-	75	First Class
Ph.D.	Computer Science	Dept. of CSE, Manonmaniam Sundaranar University, Tirunelveli	Feb, 2020	-	6.50	Data Mining
M.Phil.	Computer Science	Dept. of CSE, Manonmaniam Sundaranar University, Tirunelveli	July, 2016	3376	84.4	First
M.Sc.	Computer Science	V.O Chidambaram College, Thoothukudi.	April 2015	7239	80.43	First with Distinction
B.Sc.	Computer Science	Kamaraj College, Thoothukudi	April 2013	2238	82.8	First with Distinction
H.S.C	Maths/ Computer Science	Caldwell HSS, Thoothukudi	March 2010	806	67	Second
S.S.L.C	-	Caldwell HSS, Thoothukudi	March 2008	419	84	First

Updated on 23/09/2024

ADDITIONAL QUALIFICATIONS:

Qualification	Field	Institution	Year of passing	Grade
Master in Software Application	Software	Apollo Computer Education Ltd., Nazareth	July, 2016	A+
Diploma in Computer Hardware	Hardware	St. Michael, Thoothukudi	Mar, 2012	
Master in Multimedia Visualizer	Multimedia	Apollo Computer Education Ltd., Nazareth	Dec, 2011	A+
Honours Diploma in Computer Applications	Software	CSC, Thoothukudi	July, 2010	A

AREA OF INTEREST:

Machine Learning, Data Mining, Image Processing, Big Data Analytics, Software Development, Game Development, Web Design & Development, Mobile Applications Development

SOFTWARE DEVELOPED:

Reflections – Social Media (Social Networking) App

URL: [MVP \(Google Drive Link\)](#)

Code Editor– IDE for Unity 3D Game Programming

URL: <https://github.com/Benjamindavid03/CodeEditor>

JBlaze Engine – A Java based Game Engine for Game Development

URL: <https://benjamindavid03.github.io/JBlazeEngine/>

Admission App – Admission App for K. R. College of Arts & Science, Kovilpatti

URL: <https://play.google.com/store/apps/details?id=com.blaze.krcollegeapplication>

College Website – Website for K. R. College of Arts & Science, Kovilpatti

URL: <http://www.krcollege.net>

VIDEO GAMES DEVELOPED:

Tale of Cities – City Builder Android Game

Genre: Simulation, Casual, Strategy, City Building.

URL: <https://play.google.com/store/apps/details?id=com.blaze.TaleofCities>

SUBJECTS HANDLED:

UG: C, C++, Android Programming, Web Technology, Fundamentals of Internet, Basic Programming Design, Computer for Digital Era, Multimedia Applications, Mobile Application Development, Software Engineering & Testing.

PG: Data Mining, Compiler Design, Machine Learning, Research Methodology, AI and ML, Data Science and Analysis, Advanced Software Engineering, English for Competitive Exams, Effective Communication in English.

LABS HANDLED:

C, C++, .NET, Oracle, PHP & MySQL, Web Technology, MySQL, Machine Learning

Updated on 23/09/2024

ACADEMIC EXPERIENCE:

K. R. College of Arts and Science, Kovilpatti, Tamil Nadu, India.

Assistant Professor. (17, July 2019 – Present) - 5 years, 2 months.

Classification: (UG – 5 years 2 months; PG 4 years)

ADMINISTRATIVE EXPERIENCE:

K. R. College of Arts and Science, Kovilpatti, Tamil Nadu, India.

* EDC Coordinator. (Dec 2019 – Present) - 4 years, 9 month.

* College Website & Social Media Coordinator. (Dec 2019 – Present) - 4 years, 9 months.

* Google Administrator. (Dec 2019 – Present) - 4 years, 9 months.

* Training and Placement Officer. (Aug 2022 – Present) - 2 years, 1 month.

* Naan Mudhalvan Coordinator. (Aug 2022 – Present) - 2 years, 1 months.

* Niral Thiruvizha Coordinator. (Dec 2023 – Aug 2024) - 8 months.

PROFESSIONAL EXPERIENCE:

Apollo Computer Education Ltd., Nazareth, Tamil Nadu, India.

Part Time Faculty. (07 May 2010– 10 June 2019) – 9 years, 1 month, 3 days.

Ph.D. GUIDESHIP:

Ph.D. Guideship from Manonmaniam Sundaranar University, Tirunelveli.

MEMBERSHIP IN COMMITTEES:

Board of Studies Member in Department of Computer Science, St. Xavier's College, Palayamkottai.

PUBLICATIONS:

BRIEF SUMMARY :

Number of SCIE indexed journals	: 4
Number of Scopus indexed journals	: 8
Web of Science indexed journals	: 4
Elsevier indexed journals	: 1
Anna University Annexure journals	: 6
IET Inspec journals	: 3
UGC CARE Indexed journals	: 13
International Conference Proceedings	: 8
National Conference Proceedings	: 1

INTERNATIONAL JOURNALS:

1. A Sinduja, **H Benjamin Fredrick David**, C Sathiya Kumar, SP Raja, (2024), “**Detecting Tumors in Medical Images using Segmentation and Feature Extraction Techniques**”, e-Prime - Advances in Electrical Engineering, Electronics and Energy, Elsevier, (**Scopus indexing, UGC CARE listed**), Vol. 9, Issue : September 2024, pp. 100614 IF: 2.1. (<https://doi.org/10.1016/j.prime.2024.100614>)

Updated on 23/09/2024

2. R. Ame Rayan, A. Suruliandi, S.P. Raja, **H Benjamin Fredrick David** (2023), “**A survey on an analysis of big data open source datasets, techniques and tools for the prediction of corona virus disease**”, Journal of Circuits, Systems and Computers, World Scientific, Vol. 32, No. 12, pp. 2330003 (Web of Science, SCIE indexing, Scopus indexing, Anna University Annexure-2, UGC CARE listed) IF: 1.363. (<https://dx.doi.org/10.1142/S0218126623300039>)
3. **H. Benjamin Fredrick David**, A. Suruliandi and S.P. Raja (2022) “**Predicting Corona Virus Affected Patients using Supervised Machine Learning.**” International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, World Scientific, Vol. 30, No. Supp01, pp. 141-167 (Web of Science, SCIE indexing, Scopus indexing, Anna University Annexure-2, UGC CARE listed) IF: 1.518. (<https://doi.org/10.1142/S0218488522400086>)
4. **H. Benjamin Fredrick David**, A. Suruliandi and S.P. Raja (2021) “**Stacked Framework for Ensemble of Heterogeneous Classification algorithms.**” Journal of Circuits, Systems and Computers, World Scientific, Vol. 5, No. 25, pp. 2150269 (Web of Science, SCIE indexing, Scopus indexing, Anna University Annexure-2, UGC CARE listed) IF: 1.363. (<https://doi.org/10.1142/S0218126621502698>)
5. **H. Benjamin Fredrick David** (2020) “**Impact of Ensemble Learning Algorithms towards Accurate Heart Disease Prediction.**” ICTACT Journal on Soft Computing, ICT Academy of Tamil Nadu, Vol. 10, No.3, pp.2084-2089. (IET Inspec indexing, UGC CARE listed, Google Scholar indexing) IF: 0.787. (DOI: 10.21917/ijsc.2020.0296)
6. **H. Benjamin Fredrick David**, A. Suruliandi and S.P. Raja (2019) “**Constructive Lazy Wolf Search Algorithm for Feature Selection in Classification.** International Journal on Artificial Intelligence Tools, World Scientific, Vol. 28, No.5 (Web of Science, SCIE indexing, Scopus indexing, Anna University Annexure-2, UGC listed [Journal No: 7774]) IF: 0.849. (<https://doi.org/10.1142/S0218213019500167>)
7. A. Suruliandi, **H. Benjamin Fredrick David** and S.P. Raja (2019) “**Attribute Rank based Weighted Decision Tree**”, International Journal of Applied Decision Sciences, Inderscience, Vol. 13 No. 1, pp. 46-73(Scopus indexing, Anna University Annexure-1, UGC listed [Journal No:2555]) IF: 0.282. (<https://doi.org/10.1504/IJADS.2020.104309>)
8. **H. Benjamin Fredrick David** and A. Suruliandi.(2019) “**Performance Evaluation of Ensemble Classifiers on Benchmark Datasets.**” Journal of Emerging Technologies and Innovative Research, IJ Publication, Vol. 6, No.2, pp.926-930. (UGC listed[Journal No:63975], Google Scholar indexing)IF: 5.87.
9. **H. Benjamin Fredrick David** and A. Suruliandi.(2019) “**Empirical Study of Ensemble Classifications on Benchmark Datasets.**” Journal of Analysis and Computation, Serial Publishers, pp.1-10. (UGC listed [Journal No:26412], Google Scholar indexing) IF: 5.859.

Updated on 23/09/2024

10. **H. Benjamin Fredrick David**, A. Suruliandi and S.P. Raja (2019) “**Preventing crimes ahead of time by predicting crime propensity in released prisoners**”, International Journal of Applied Decision Sciences, Inderscience, Vol.12 No.3, pp.307 - 336. (**Scopus indexing, Anna University Annexure-1, UGC listed**[Journal No:2555]) IF: 0.282. (<https://doi.org/10.1504/IJADS.2019.100433>)
11. **H. Benjamin Fredrick David** and S. Antony Belcy. (2018) “**Heart Disease Prediction using Data Mining Techniques.**” ICTACT Journal on Soft Computing, ICT Academy of Tamil Nadu, Vol. 9, No.1, pp.1824-1830. (**IET Inspec indexing, UGC CARE listed, Google Scholar indexing**) IF: 0.787. (DOI: 10.21917/ijsc.2018.0253)
12. **H. Benjamin Fredrick David** and A. Suruliandi.(2017) “**Survey on Crime Analysis and Prediction using Data Mining Techniques.**” ICTACT Journal on Soft Computing, ICT Academy of Tamil Nadu, Vol. 7, No.3, pp.1459-1466. (**IET Inspec indexing, UGC CARE listed, Google Scholar indexing**) IF: 0.787. (<http://doi.org/10.21917/ijsc.2017.0202>)
13. **H. Benjamin Fredrick David**, R. Balasubramanian, and A. Anbarasa Pandian. (2016) “**CBIR Using Multi-Resolution Transform for Brain Tumour Detection and Stages Identification.**” World Academy of Science, Engineering and Technology, Vol. 10, No. 11, pp.543-553.(**UGC listed**[Journal No: 33105, **Scopus Indexing, Google Scholar indexing**]). (<http://doi.org/10.5281/zenodo.1316720>)

INTERNATIONAL CONFERENCE PRECEEDINGS:

1. V. Kamatchi and **H. Benjamin Fredrick David**, “**Classification of Rocks and Mines using Machine Learning Techniques**” In the International Conference on Recent Innovations in Computer Science, Smart Technology and Artificial Intelligence (ICRICSA 2023) held at Department of Computer Science, Sri Sarada College for Women (Autonomous), Tirunelveli – 627 011 on 23rd December 2023.
2. M. Yamuna and **H. Benjamin Fredrick David**, “**Understanding the Predominance of Women in Higher Education around Kovilpatti Region using Machine Learning Techniques**” In the International Conference on Recent Innovations in Computer Science, Smart Technology and Artificial Intelligence (ICRICSA 2023) held at Department of Computer Science, Sri Sarada College for Women (Autonomous), Tirunelveli – 627 011 on 23rd December 2023.
3. B. Pavithra and **H. Benjamin Fredrick David**, “**Prediction of Accurate Estimated Time of Arrival in Food Delivery Apps using Machine Learning Techniques**” In the International Conference on Recent Innovations in Computer Science, Smart Technology and Artificial Intelligence (ICRICSA 2023) held at Department of Computer Science, Sri Sarada College for Women (Autonomous), Tirunelveli – 627 011 on 23rd December 2023.

Updated on 23/09/2024

4. R. Ame Rayan A. Suruliandi and **H. Benjamin Fredrick David**, “**A Comprehensive Study on Covid-19 Open Source Datasets**” In the International Conference on Advanced Computing (ICAC 2022) held at Department of Computer Science, Bharathiar University, Coimbatore - 641 046 on 3rd and 4th March 2022.
5. M. Anitha and **H. Benjamin Fredrick David**, “**Identifying Poisonous Mushrooms and Performance Analysis of Data Mining Techniques**” In the International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022) held at Sarah Tucker College, Tirunelveli on 11th and 12st February 2022.
6. N. Lavanya and **H. Benjamin Fredrick David**, “**Heart Disease Prediction using Supervised Machine Learning Techniques**” In the International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022) held at Sarah Tucker College, Tirunelveli on 11th and 12st February 2022.
7. A. Anbarasi and **H. Benjamin Fredrick David**, “**Predicting Customer’s Buying Behaviour using Machine Learning Techniques**” In the International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022) held at Sarah Tucker College, Tirunelveli on 11th and 12st February 2022.
8. A. Jai Ruby, **H. Benjamin Fredrick David** and J. Steffi, “**Learner Retention Analysis in Online Courses using Data Mining Techniques**”, In the International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022) held at Sarah Tucker College, Tirunelveli on 11th and 12st February 2022.
9. A. Jai Ruby, **H. Benjamin Fredrick David** and E. Julie Ruth, “**Effective E-Learning from EEG Dataset using Data Mining Techniques**”, In the International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022) held at Sarah Tucker College, Tirunelveli on 11th and 12st February 2022.
10. **H. Benjamin Fredrick David** and A. Suruliandi “**Performance Evaluation of Ensemble Classifiers on Benchmark Datasets.**” In the International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-18) held at A.P.C. Mahalaxmi College for Women, Thoothukudi on 20th and 21st December 2018.
11. **H. Benjamin Fredrick David** and A. Suruliandi “**Empirical Study of Ensemble Classifications on Benchmark datasets.**” In the International Conference on Emerging Trends and Challenges in Computer Science (ICETC '18) held at NPR Arts and Science College, Natham, Dindigul on 28th December 2018.

NATIONAL CONFERENCE PRECEEDINGS:

1. **H. Benjamin Fredrick David** and I. Ravi “**Performance Evaluation of Ensemble Learning Algorithms for Accurate Heart Disease Prediction.**” In the One-day National Conference on

Updated on 23/09/2024

Cognitive Science (NCCS2019) held at Aditanar College of Arts and Science, Tiruchendur on 11th October 2019.

EDITORIAL BOARD MEMBER IN INTERNATIONAL JOURNALS:

1. Editorial Board Member in Inderscience - International Journal of Entertainment Technology and Management (IJEntTM), Google Scholar Indexing
2. Editorial Board Member in Inderscience - International Journal of Forensic Software Engineering (IJFSC), Google Scholar Indexing.

EDITORIAL BOARD MEMBER IN INTERNATIONAL CONFERENCES:

1. Editorial Board Member in RTCIT-2022 – A Two Day International Conference on Recent Trends in Computing and Information Technology organized by Department of Computer Applications and Research Centre & Department of Computer Science on 11th & 12th February 2022.

JOURNAL REVIEWER:

S. No.	Journal	International/ National	Publisher	Indexing	Impact Factor
1	ACM Transactions on Knowledge Discovery from Data	International	ACM	Web of Science	4.54
2	IEEE SMC Magazine	International	IEEE	SCI	
3	IEEE Transactions on Computational Social Systems Review	International	IEEE	Web of Science	5.36
4	Peer to Peer Networking and Applications	International	Springer	SCIE/Scopus	3.307
5	Brazilian Archives of Biology and Technology	International	Instituto de Tecnologia do Paraná	SCI	0.70
6	International Journal of Biometrics	International	Inderscience	Scopus	1.2
7	Int. J. of Sustainable Agricultural Management and Informatics	International	Inderscience	Scopus	0.8
8	International Journal of Image and Graphics	International	World Scientific	Scopus	0.19
9	Journal of Circuits, Systems, and Computers	International	World Scientific	SCIE/Scopus	
10	Recent Patents on Computer Science	International	Bentham Science	Scopus	

Updated on 23/09/2024

RESEARCH METRICS:

Google Scholar	: Citations	- 238	H- Index	- 5	i10-index	- 2
Scopus	: Citations	- 17	H-Index	- 3		
Web Of Science	: Citations	- 6	H-Index	- 2	Peer reviews journals	- 12

RESEARCH PROFILES:

ORCID	0000-0001-9665-9958
Scopus	57209615041
Web of Science	ABE-1584-2020
Google Scholar	Google Scholar
Vidwan	Vidwan (inflibnet.ac.in)
Github	Benjamindavid03

OTHER POSITIONS:

1. Ambassador for Bentham Science in India.

WORKSHOPS CONDUCTED:

1. Conducted One Day Workshop on “**Advanced Data Analytics**” on 21st August 2024 at Department of Computer Science, Kamaraj College, Thoothukudi.
2. Conducted One Day Workshop on “**Writing Research Articles using Latex**” on 07th August 2024 for Faculty members, Research Scholars and PG Students at Department of Computer Applications and Research Centre, Sarah Tucker College(Autonomous), Tirunelveli.
3. Conducted One Day Workshop on “**Excel Analytics**” on 05th July 2024 at Department of Commerce and Banking & Finance, Kamaraj Women’s College, Thoothukudi.
4. Conducted One Day Workshop on “**Python Mastery Workshop: From Basics to Advanced Applications in Data Science, Web Scrapping, ML, NLP and DIP**” on 03rd April 2024 at Centenary City Complex, Shanthi Nagar Campus, Manonmaniam Sundaranar University, Tirunelveli.
5. Conducted One Day Workshop on “**Full Stack Development in Flutter**” on 07th Mar 2024 at Department of Computer Applications, Govindammal Aditanar College for Women, Tiruchendur.
6. Conducted One Day Workshop on “**Big Data Analytics**” on 11th Dec 2023 at Department of Computer Applications & Research Centre, Sarah Tucker College (Autonomous), Tirunelveli.
7. Conducted Workshop on “**Digital Image Processing using MATLAB**” on 13th Sep 2023 at Department of Computer Science (SF) in Kamaraj College, Thoothukudi.
8. Conducted Workshop on “**Full Stack Development using Flutter**” for faculty and students on 16th Aug 2023 at Department of Computer Science in G. Venkataswamy Naidu College (Autonomous), Kovilpati.

Updated on 23/09/2024

9. Conducted Two Days Workshop on “**Machine Learning**” for faculty and students on 16th and 17th Mar 2023 at Department of Computer Science in Nadar Mahajana Sangam S. Vellaichamy Nadar College, Nagamalai, Madurai.
10. Conducted Workshop on “**Installation of Big Data and Machine Learning Tool**” for full-time research scholars on 03rd Jan 2023 at Department of Computer Science and Engineering in Manonmaniam Sundaranar University, Tirunelveli.
11. Served as a resource person in the Workshop on **Impact Lecture** Sessions on 15th July 2022 organized by ASME- Sri Ramakrishna Institute of Technology, Coimbatore.
12. Conducted Workshop on “**R Programming**” on 21st Mar 2022 at Department of Information Technology in G. Venkataswamy Naidu College, Kovilpatti.
13. Conducted One Day Workshop on “**Big Data Analytics using Hadoop**” on 23rd Nov 2021 at Department of Computer Science and Engineering in Manonmaniam Sundaranar University, Tirunelveli.
14. Conducted One Day Workshop on “**R Programming**” on 18th Sep 2021 at Department of Computer Science and Engineering in Manonmaniam Sundaranar University, Tirunelveli.
15. Conducted One Day State Level Workshop on “**Android Programming**” on 25th Sep 2019 at Department of Computer Science, K.R. College of Arts and Science, Kovilpatti, Thoothukudi.
16. Conducted Three Days Workshop on “**Android Apps Development**” on 15th, 16th Jul 2019 and 10th Aug 2019 at Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli.
17. Conducted One Day Workshop on “**Android Programming**” on 30th Aug 2019 at Department of Computer Science and Engineering in Manonmaniam Sundaranar University, Tirunelveli.
18. Conducted One Day Workshop on “**Web Development using PHP**” on 20th Sep 2018 at Department of Computer Science in Manonmaniam Sundaranar University Constituent College of Arts and Science, Kadayanallur, Tirunelveli.
19. Conducted One Day Workshop on “**Programming in PHP**” on 10th Aug 2018 at Department of Computer Science & Engineering in Manonmaniam Sundaranar University, Tirunelveli.

SEMINARS CONDUCTED:

1. Conducted One Day Seminar on “**Android Application Development**” on 28th August 2024 for the students of CS & IT, Computer Application students at Department of CS & IT, S. S. Duraisamy Nadar Mariammal College, Kovilpatti.
2. Delivered One Day Guest Lecture on “**Data Mining and its Applications**” on 12th Jan 2019 at Department of Computer Applications in Sri Kaliswari College, Sivakasi.
3. Delivered One Day Seminar on the title “**Big Data Analytics**” on 19th Feb 2024 at Department of Computer Science, St. Mary’s College (Autonomous) Thoothukudi.

Updated on 23/09/2024

FACULTY DEVELOPMENT PROGRAMMES CONDUCTED:

1. Served as Resource Person in IET Sponsored Short Term Training Programme on “**Data Science and Intelligent Cloud Computing**” Organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology, College of Engineering and Technology, Vadapalani, Chennai from 21st July 2022.
2. Served as Resource Person in Three days Faculty Development Programme on “**E-Content Development and Latex**” Organized by Department of Computer Applications & Research Centre, Sarah Tucker College, Perumalpuram from on 27th to 29th July 2021.
3. Served as Resource Person in Two days Internship Programme on “**Enhancing Teaching – Learning Process in Higher Education using ICT Tools**” Organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, (MHRD, India) on 12th and 13th March 2020.

WEBINARS CONDUCTED:

1. Served as a resource person in the Webinar and delivered lecture on the topic “**Futuristic Goals**” on 21st Apr 2021 organized by the Department of Computer Science, Merit Arts and Science College, Idaikal, Ambasumudram, Tirunelveli.
2. Served as the resource person for the Webinar on “**Cyber Security**” on 25th October 2020 jointly organized by the International Youth Society, Thoothukudi chapter and JatiyaYuva Computer Shaksharta Mission Skill Development, Govt. of India.

WORKSHOPS ATTENDED:

1. Attended 17th Regional Workshop on Science Writing/ Journalism for two days on “**Science Writing/ Journalism for the youth**” on 12th Feb 2019 and 13th Feb 2019 organized by Manonmaniam Sundaranar University, Tirunelveli.
2. Attended two days International Workshop on “**Impact Factor publications, Citation Analysis, Plagiarism, getting Patent and Copyright – INWICPPC-2018**” on 7th and 8th December 2018 organized by Department of Library and Information Science & University Library, Manonmaniam Sundaranar University, Tirunelveli.
3. Attended one day Workshop on “**MOOC through SWAYAM**” on 19th November 2018 organized by Manonmaniam Sundaranar University, Tirunelveli.
4. Attended one day Workshop on “**Network Hardware**” on 09th Feb 2018 organized by the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.

Updated on 23/09/2024

5. Attended two days' Workshop on "**Website Development using WordPress**" on 12th and 13th October 2017 organized by the Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli
6. Attended two days' Workshop on "**Tools and Techniques for Data Analytics**" on 28th and 29th Aug 2017 organized by the Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli
7. Attended one day Workshop on "**Web Technologies & Web CMS: JOOMLA**" on 24 Aug 2017 organized by the Department of Computer Science & Engineering in Manonmaniam Sundaranar University, Tirunelveli.
8. Attended Three Days National Workshop on "**Data Science Research**" from 01st Dec 2016 to 03rd Dec 2016 in Einstein college of Engineering, Tirunelveli.
9. Attended One Day Workshop on "**Recent Trends in Advanced Computing**" on 14th March 2016 in Manonmaniam Sundaranar University, Tirunelveli.
10. Attended Two Days State Level Workshop on "**Data Mining and Networking Tools (DAMNET-16)**" held at G. Venkataswamy Naidu College, Kovilpatti
11. Attended One Day UGC Sponsored Workshop on "**Video Processing using MATLAB**" on 03 Dec 2016 in Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.

SEMINARS ATTENDED:

1. Attended One Day **Student Mentor Training for Naan Mudhalvan – Niral Thiruvizha 'Hackathon' 2022 - 2023** organized by Entrepreneurship Development and Innovation Institute (EDII-TN) and Tamilnadu Skill Development Corporation (TNSDC) at Thoothukudi Collectore on 13th Dec 2023.
2. Attended one day Seminar on "**Machine Intelligence**" sponsored by UGC SAP DRS II on 22nd Apr 2019 organized by the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.
3. Attended one day National Seminar on "**Advanced Trends in Computer Science ATCS'19**" on 22nd Mar 2019 organized by Post Graduate and Research Department of Computer Science, Sadakathullah Appa College, Tirunelveli.
4. Attended one day National Seminar on "**Recent Trends in Computing Technologies**" on 28th Sep 2018 organized by the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.
5. Attended one day National Seminar on "**Recent Trends in Computing Technologies**" on 18th Aug 2018 organized by the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.

Updated on 23/09/2024

6. Attended one day Seminar on “**Basics of Machine Learning using R-Tool**” on 23rd Feb 2018 organized by the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.
7. Attended Seminar on “**Remote Sensing and Space Science**” in Two Days Invited Lecture Programme conducted on 10th and 11th Jan 2017 at Department of Computer Science & Engineering in Manonmaniam Sundaranar University, Tirunelveli.
8. Attended One Day Seminar on “**Big Data Analytics**” on 22nd Jan 2016 in Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli.
9. Attended Seminar on “**Biometrics**” in One Day National Level Technical Symposium COMTRACK 2K13 conducted at Scott Christian College, Nagercoil.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED:

1. Attended one day **Mentor Training Programme for Naan Mudhalvan – Niral Thiruvizha ‘Hackathon’ 2022 to 2023** on 13th Dec 2023 organized by Entrepreneurship Development and Innovative Institute – Tamil Nadu (EDII-TN) and Tamil Nadu Skill Development Corporation (TNSDC) at Thoothukudi Collectorate, Thoothukudi.
2. Attended 2 Days Faculty Development Programme as Naan Mudhalvan SPOC Coordinator on “**A Massive Upskilling Programme of Naan Mudhalvan Scheme, Government of Tamilnadu**” on 10th Feb 2023 and 11th Feb 2023 organized by Manonmaniam Sundaranar University, Tirunelveli.
3. Attended 3 Days Faculty Development Programme as EDC Coordinator on “**Entrepreneurship Development in Spoke Colleges**” from 16th Mar 2022 to 18th Mar 2022 organized by Entrepreneurship Development and Innovation Institute Hub of Department of Management Studies, Manonmaniam Sundaranar University, Tirunelveli.
4. Attended Faculty Development Programme on “**The Power of Positive Thinking & Optimistic Approach**” on 1st Oct 2021 organized by Internal Quality Assurance Cell, Don Bosco College of Arts and Science, Kovilpatti.
5. Attended 10 days National Level Faculty Development Programme on “**Pedagogy of Teaching and Tools on E-Content Development for Effective Teaching**” from 5th July to 14th July 2021 organized by IQAC, Christopher Arts and Science College (Women), Soorangudi, Tirunelveli.
6. Attended two weeks Faculty Development Programme on “**Entrepreneurship**” from 2nd Dec 2019 and 14th Dec 2019 sponsored by NSTEDB - DST through EDII, Ahmedabad organized by the Entrepreneurship Development Cell of the National Engineering College, Kovilpatti.
7. Attended two days state level Faculty Development Programme on “**Introduction to Big Data Analytics-2018**” on 17th Dec 2018 and 18th Dec 2018 organized by Department of CSE, PET Engineering College, Vallioor, Tirunelveli.

Updated on 23/09/2024

8. Attended AICTE sponsored two weeks Faculty Development Programme on “**Data Science Research and Big Data Analytics**” from 11th Dec 2017 to 23rd Dec 2017 organized by Department of Information Technology, National Engineering College, Kovilpatti.
9. Attended five days Faculty Development Programme on “**Hadoop (Hortonworks)**” from 17th Jul 2017 to 21st Jul 2017 organized by Sri Vidya College of Engineering & Technology, Virudhunagar.

ONLINE CERTIFICATIONS:

1. Completed online course “**Character Design and Story Polish**” on 10th May 2020 from School of Computing Teesside University & Udemy.
2. Completed online course “**Simulating Real World Problems with Python and Numpy**” on 18th April 2020 from Alexander Hangmann & Udemy.
3. Completed online course “**Git started with Github**” on 17th April 2020 from Jayson Taylor & Udemy.
4. Completed online course “**Hadoop Starter Kit**” on 17th April 2020 from Hadoop in Real World & Udemy.
5. Completed online course “**MongoDB Essentials – Understanding the Basics of MongoDB**” on 17th April 2020 from Patrick Schroeder & Udemy.

ONLINE WEBINARS ORGANIZED:

1. Organized International Webinar on “**Einstein On Entrepreneurship**” as the EDC Coordinator, Entrepreneurship Development Cell, K. R. College of Arts and Science, Kovilpatti. India on 29th Oct 2021.
2. Organized International Webinar on “**Social Responsibility & Big Data in Politics**” from the Department of Computer Science, K. R. College of Arts and Science, Kovilpatti. India on 09th Oct 2021.
3. Organized National Webinar on “**Entrepreneurial Opportunities in Agriculture**” as the EDC Coordinator, Entrepreneurship Development Cell, K. R. College of Arts and Science, Kovilpatti. India on 27th May 2021.
4. Organized National Webinar on “**Entrepreneurship Funding Opportunity and Innovation**” as the EDC Coordinator, Entrepreneurship Development Cell, K. R. College of Arts and Science, Kovilpatti and associated with **EDII-TN AURCT-IEDP & WRC** on 13th May 2021.
5. Organized Student Awareness Webinar on “**Entrepreneurship as a Career Opportunity**” as the EDC Coordinator, Entrepreneurship Development Cell, K. R. College of Arts and Science, Kovilpatti. India on 12th Jan 2021.

Updated on 23/09/2024

6. Organized National Level Webinar on **“AWS Cloud Services for Modern Applications”** from the Department of Computer Science, K. R. College of Arts and Science, Kovilpatti. India on 24th July 2020.
7. Organized National Level Webinar on **“Entrepreneurial as a Career Choice”** as the EDC Coordinator, Entrepreneurship Development Cell, K. R. College of Arts and Science, Kovilpatti. India on 20th July 2020.

ONLINE FACULTY DEVELOPMENT PROGRAMMES ATTENDED:

1. Attended AICTE Sponsored One Week Online Short-Term Training Programme (STTP) on **“Machine and Deep Learning Techniques to Develop Artificial Intelligence Applications using Python”** from 14th December 2020 to 19th December 2020 organized by Department of Information Technology, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, Hyderabad.
2. Attended three days National Level Online Faculty Development Programme on **“Promoting Critical Thinking and Research Paper Writing for Teachers”** from 03rd to 05th August 2020 organized by Department of English and Foreign Languages, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh.
3. Attended Faculty Development Programme on **“Bio-Resources”** on 30th July 2020 and 1st August 2020 organized by Department of Microbiology, K. R. College of Arts & Science, Kovilpatti.
4. Attended six days AICTE sponsored six days online Short Term Training Program (STTP) on **“Tableau – Data Visualization Tool for Researchers”** from 27th July to 01st August 2020 organized by Department of Computer Science and Engineering, IFET College of Engineering, Gangarampalayam, Villupuram.
5. Attended Online Faculty Development Programme on **“Strategies, Methodologies and the Creative Spark for Everyone”** by Department of English and Foreign Languages, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh. From 21st to 23rd July 2020.
6. Attended three days National Level Online Faculty Development Programme on **“Introduction to Machine Learning”** from 05th Jul 2020 to 07th July 2020 organized by Department of Computer Applications, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh.
7. Attended five days Faculty Development Programme on **“Recent Trends in Digital Technologies”** from 07th Jul 2020 to 11th July 2020 organized by Department of Computer Science, The American College, Madurai.
8. Attended three days National Level Online Faculty Development Programme on **“Introduction to Machine Learning”** from 05th July 2020 to 07th July 2020 organized by Department of Computer Applications, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh.

Updated on 23/09/2024

9. Attended National Level Faculty Development Programme on “**UGC NET/SET Paper II – Computer Science**” held from 18th June 2020 to 22nd June 2020 organized by the Department Of Computer Science Shift-I, Patrician College of Arts And Science, Chennai
10. Attended Online Faculty Development Programme on “**Tips and Tricks of Research Publication, Patent Filing and Research Grant**” organized by Department of Computer Science and Engineering, Kings Engineering College, Chennai from 10th June 2020 to 12th June 2020.
11. Attended Faculty Development Programme on “**Introduction to Blockchain**” on 06th June 2020 organized by Department of Computer Science and Engineering, Rajalakshmi Engineering College, Chennai.

ONLINE WEBINARS ATTENDED:

1. Attended International Webinar on “**Cloud Computing – An Overview by Technology Architect**” organized by Department of Computer Science, K. R. College of Arts & Science, Kovilpatti on 26th Aug 2021.
2. Attended Webinar on “**Investing in Stock Market An Introductory Insight**” organized by Department of Commerce (Professional Accounting), K. R. College of Arts & Science, Kovilpatti on 11th June 2021.
3. Attended Webinar on “**Introduction to Data Science**” organized by Department of Computer Science, K. R. College of Arts & Science, Kovilpatti on 10th June 2021.
4. Attended Webinar on “**Deep Learning**” organized by Department of Computer Science, K. R. College of Arts & Science, Kovilpatti on 26th May 2021.
5. Attended Webinar on “**An Overview of GST in India**” organized by Department of Commerce (Professional Accounting), K. R. College of Arts & Science, Kovilpatti on 21st May 2021.
6. Attended Webinar on “**Role of Students in Combating the COVID-19 Pandemic**” organized by Youth Red Cross Club, K. R. College of Arts & Science, Kovilpatti on 20th May 2021.
7. Attended Webinar on “**COVID-19 – Fundamentals to frontiers**” organized by Biochemistry, K. R. College of Arts & Science, Kovilpatti on 11th May 2021.
8. Attended One Day “**Training Cum Orientation Programme**” conducted by Department of English and Foreign Languages, and Department of Linguistics, Bharathiar University, Coimbatore in association with TANSCHC on 30th September 2020.
9. Attended Webinar on “**Artificial Intelligence-An Overview**” organized by Department of Computer Science, K. R. College of Arts & Science, Kovilpatti on 17th August 2020.
10. Attended Webinar and panel discussion on “**Promoting Libraries through Movies**” organized by Odisha Library Academy (OLA), Bhubaneswar, Odisha on 1st August 2020.

Updated on 23/09/2024

11. Attended Webinar on **“Assessing Human Rights Protection amid covid-19 and beyond”** organized by Centre for Post Graduate Legal Studies, Maharashtra National Law University, Mumbai on 25th July 2020.
12. Attended Webinar on **“Stay relevant and stay Employable Be a digital champ”** organized by Department of Computer Science & Engineering, VIDYAVARDHAKA COLLEGE OF ENGINEERING, Mysuru, Karnataka on 25th July 2020.
13. Attended Webinar on **“International Webinar on Mushrooms-Nature’s Gift”** organized by Department of Microbiology, K. R. College of Arts & Science, Kovilpatti on 24th July 2020.
14. Attended One Day International Webinar on **“Cyber Security”** organized by Department of Computer Science, Manonmaniam Sundaranar Constituent College of Arts and Science on 23rd July 2020.
15. Attended International Webinar on **“New Ideas and Innovations in the Technology and Use of IoT in Telecommunications”** delivered by “Mr. Abhishek Srivastava, MD & CEO, Telenoetica Ltd., Lagos, Nigeria” on 23rd July, 2020 organized by Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh, India.
16. Attended International Webinar on the topic **“Design Thinking and Innovation in Engineering & Technology”** delivered by “Mr. Indresh Singh Saluja, Chief Officer Property Operations, Acron Holdings, Kenya” on 16th July, 2020 organized by Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh, India
17. Attended one day National Level Webinar on **“The impact of English on Employment”** on 16th July 2020 organized by Department of English and Foreign Languages, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh, India.
18. Attended two days National Level Webinar on **“Positivity and Well-being during the Pandemic”** on 13th and 14th July 2020 organized by Department of English and Foreign Languages, Madanapalle Institute of Technology & Science, Chittoor, Andhra Pradesh, India.
19. Attended Online Webinar on **“Industry Applications of Machine Learning and Data Science”** on 3rd July 2020 organized by Capstone Innovation Solution.
20. Attended International Webinar on **“Online Classes and Examination in COVID Pandemic Situation”** on 24th June 2020 organized by Department of Information Technology, G.Venkataswamy Naidu College, Kovilpatti.
21. Attended National Webinar on **“Underwater Acoustic wireless sensor networks”** on 24th June 2020 organized by Department of Computer Science, G.Venkataswamy Naidu College, Kovilpatti.
22. Attended International Webinar on **“Cyber Security for Energy Industry”** on 22nd June 2020 organized by Department of Computer Science, G.Venkataswamy Naidu College, Kovilpatti.

Updated on 23/09/2024

23. Attended International SAGE TALK on “**Does she know that I know that she does not know P?**” on 22nd June 2020 organized by Department of Computer Science and Engineering, Sagar Institute of Research & Technology, Bhopal.
24. Attended International Webinar on “**Latest Trends in Augmented Reality**” on 20th June 2020 organized by Department Of Computer Applications, Francis Xavier Engineering College, Tirunelveli.
25. Attended International Webinar on “**Article Writing and Journal Publications**” on 17th June 2020 organized by Department of Electronics and Communication Engineering, KingsEngineering College, Chennai.
26. Attended International Webinar on “**Mastering the Mind for Conquering the World**” on 17th June 2020 organized by Nehru Institute of Management Studies (NIMS), Thirumalayampalayam, Coimbatore.
27. Attended Webinar on “**Recent Trends in Digital Image Processing**” on 16th June 2020 organized by Department of Computer Science & Applications, Sri Krishnasamy Arts & Science College, Mettamalai, Satur.
28. Attended Webinar on “**Kick-Start your Journey into Data Science**” on 15th June 2020 organized by Department of Computer Science and Engineering, Mahendra Institute of Technology, Mahendhirapuri, Namakkal.
29. Attended Webinar on “**How to Develop Web Application**” on 13th June 2020 organized by Department of Computer Science and Engineering, Kings Engineering College, Chennai.
30. Attended Webinar on “**Industry 4.0**” on 12th June 2020 organized by Department of Electronics and Communication Engineering, D.N.R College of Engineering and Technology, Balusumudi, Andhra Pradesh.
31. Attended Webinar on “**Snakes and Ladders of Entrepreneurs in Post COVID-19**” on 11th June 2020 organized by Innovation and Incubation Centre, Entrepreneurship Development Cell and Department of Management Studies, P. S. R. Engineering College, Sivakasi.
32. Attended International Webinar on “**Android Mobile Application Development for Embedded and IoT Based Real-Time Projects Using MIT App Inventor**” on 10th June 2020 organized by Department of Electrical and Electronics Engineering, Rajalakshmi Engineering College, Chennai.
33. Attended National Webinar on “**The Paradigm in ELT**” on 10th June 2020 organized by Department of English & ICT, G.Venkataswamy Naidu College, Kovilpatti.
34. Attended International Webinar on “**Technology Trends of 2020**” on 10th June 2020 organized by P.G. Dept. of Commerce with Computer Application, RajapalayamRajus’ College, Rajapalayam.

Updated on 23/09/2024

35. Actively Participated in the Live Webinar on “**Exploring Swayam, NPTEL and other online Learning Platforms**” on 10th June 2020 organized by Department of Library, Muthayammal SRM Arts and Science College, Kattankulathur.
36. Attended International Webinar on “**Virtual Power Seminar - Oracle DB, Query and Trends**” on 08th June 2020 organized by Department of Computer Science and Engineering, Kings Engineering College.
37. Attended Webinar on “**API**” on 08th June 2020 organized by Department of Computer Science, Bishop Caldwell College, Maravanmadam, Thoothukudi.
38. Attended Personality Development Programme on “**Never Stop Improving Yourself: Invest in Yourself**” on 07th June 2020 organized by Nehru Institute of Management Studies (NIMS), Coimbatore.
39. Actively Participated in the Live Webinar on “**Emerging Trends in Data Analytics and Business Intelligence**” on 06th June 2020 organized by Academy of Computer Science, Muthayammal College of Arts & Science, Rasipuram.
40. Attended Webinar on “**Studies Abroad : Lights of Vision**” on 06th June 2020 organized by Department of Information Technology, SadakathullahAppa College (Autonomous), Tirunelveli.
41. Attended Webinar on “**Research Issues in Digital Image Processing**” on 05th June 2020 organized by Department of Computer Science, Government Arts and Science College, Kovilpatti.
42. Attended Webinar on “**Introduction to basics in R Programming**” on 05th June 2020 organized by Department of Information Technology, Pope’s College (Autonomous), Sawyerpuram.
43. Participated in the “**LaTeX**” training organized at V. O. Chidambaram College, in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay and completed on 01st March 2020.

DISTINCTIVE ACHIEVEMENTS / AWARDS

1. Participated and demonstrated innovative **E-Governance application** at the District Level contest for the “**Nomination of Chief Minister Award for Excellence in E-Governance for Students**” in Tirunelveli.
2. Received Certificate from **Tamil Nadu Skill Development Corporation (TNSDC)** for continued and relentless support in the successful implementation of the **Naan Mudhalvan Programme as Single Point of Contact (SPOC)** at **K. R. College of Arts & Science, K. R. Nagar, Kovilpatti.**
3. Stood **FIRST Rank** in College in **B.Sc. Degree University Examinations** in **Kamaraj College, Thoothukudi**

Updated on 23/09/2024

4. **Contributed and organized** Network based Gaming event for **UGC-XII Plan sponsored “LYCANS-16” National Level Technical Symposium** held at Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.

OTHER SKILL CERTIFICATIONS:

1. Won the **First Prize** in the event “**Web Design**” in the **One Day National Level Technical Symposium ComTRACK 2K13** held at Scott Christian College, Nagercoil.
2. Won the **First Prize** in the event “**Web Designing**” held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
3. Won the **First Prize** in the event “**Paper Presentation**” held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
4. Won the **Second Prize** in the event “**Pencil Sketching**” held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
5. Won the **Second Prize** in the event “**Software Development**” held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
6. Won the **Second Prize** in the event “**Debugging**” in the **State Level Inter-Collegiate Technical Meet (TALENT PARK)** held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
7. Won the **First Prize** in the event “**Games**” in the **State Level Inter-Collegiate Technical Meet (TALENT PARK)** held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
8. Participated in the event “**Poster Designing**” held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
9. Participated in finals in the event “**Software Development**” in the **State Level Inter-Collegiate Technical Meet (TALENT PARK)** held by Department of Computer Science, V.O. Chidambaram College, Thoothukudi
10. Participated in the **State Level Inter-Collegiate Mega Quiz Competition “OXFORD-2011”** held at St. John’s College, Palayamkottai, Tirunelveli.

SPORTS AND GAMES:

1. Participated in the **Inter Collegiate “Chess” Tournament** held at The M.D.T Hindu College, Tirunelveli
2. Participated in the “**Chess Meet 2008**” in the “**Under-17 category**” conducted by Bishop Caldwell College, Thoothukudi.

Updated on 23/09/2024

PROFESSIONAL SKILLSET:

Programming Languages	: Flutter, Dot Net Core, Android, PHP, Bootstrap, HTML5, CSS3, JavaScript, VBScript, C, C++, Java, Servlet, Swing, VB 6.0, VB.NET, VC++.NET, C#.NET, WPF, JSP, ASP, ASP.NET, XML, PHP, MySQL, JSON, ReactJS, MERN.
Data Analytics & Data Processing	: Python, R, MATLAB, HADOOP, Hive, Pig, Sqoop, Pandas, Numpy, Weka
Database	: MySQL, SQLite, MS SQL Server, Oracle
Documentation & Office	: Microsoft Office 2013, Tally Prime
Operating Systems	: Windows XP, Vista, 7, 8.1, 10, Ubuntu, Mint
Multimedia Packages	: Photoshop CS5, Illustrator CS5, InDesign CS5, Flash CS5, Dreamweaver CS5, Combustion, After Effects CS5, Audition CS6, Premiere CS6, 3DS Max 2014, Maya 2014
Hardware	: System assembling and troubleshooting

PROJECT DETAILS:

1. UG Project

- **Title : Cars Database Management System**
- **Development Environment :**
 - **Front End** : Visual Basic 6.0
 - **Back End** : Microsoft Access
- **Platform** : Windows XP
- **Description:** Worked on a project which is suited for a client who is willing to hold a retail shop for cars. The cars added to the project are high end race cars and mid-range cars. The project focuses on the Car Specifications along with their interiors.

2. PG Projects

- **Mini Project Title : “Reflections” Online Social Network**
- **Development Environment :**
 - **Front End** : Visual Studio 2008, ASP.NET 3.5, Web Forms using C#.NET, Designed using HTML5, CSS3, JavaScript
 - **Back End** : SQL Server 2005

Updated on 23/09/2024

- Platform : PC/Mac/Linux with any web browser
- Description: Worked on the Social Network website which is More User Oriented than Facebook and which is actually created for students of the College. The Social Network consists of User accounts similar to Facebook where each user is provided with their own profile, Timeline, Education, Hobbies, Actors, Movies, Videos and Audios section. The website was later on hosted live with a domain for a few months.

Major Project Title : “Internals” Internal Marks Assessment for Colleges

- Development Environment :
 - Front End : PHP 5.3, HTML5, CSS3, Javascript
 - Back End : MySQL
- Platform : PC/Mac/Linux/Android/iOS/Blackberry having any web browser
- Description: Worked on a project which used for the internal marks assessment of students in the colleges. The students' internal marks are given for all the three internals and the system will calculate the internal marks for the students and produce the report which holds their performance. This will eliminate any calculations and hardships the teachers have to face for evaluating and assessment of the students' performance in each internals. The teachers just login to their profile and they have to upload the marks of their classes and instantly the report is generated by the system. All are stored digitally and their copies are saved in a single page report. The report can be sent to the Head of the Department at the end for hardcopy maintenance if needed.

3. M.Phil. Research Work

- **Title : CBIR using Multi-Resolution Transform for Brain Tumour Detection and Stages Identification**
- Development Environment :
 - Front End : MATLAB
- Platform : Windows
- Description: Worked on a project which retrieves the relevant human brain tumour images that satisfy a user's criteria of similarity. The user can select a brain image and get the relevant brain images with the same tumour stages. It was created to perform a comparative analysis for the three Classifiers. The system was also further extended to produce the stage information for the unknown brain tumour image. Finally the system will be giving treatment suggestions for doctors or concerned professionals in the industry based on the stage of the brain tumour which was identified.

Updated on 23/09/2024

4. Ph.D. Research work

- **Title : Behaviour Analysis and Crime Propensity Prediction using Data Mining Techniques**
- Development Environment :
 - Front End : Java, Python, R
- Description: Worked on the research title and presented various proposed techniques towards crime propensity prediction of the released prisoners. The prisoners' records are integrated into a newly proposed dataset. The proposed dataset is evaluated with the various existing algorithms. Further, for attaining improved classification accuracy towards the prediction of the prisoners a novel feature selection algorithm, a classification algorithm and a framework-based ensemble classifier for classification and ensemble classification are proposed. By the combination of all the proposed approaches, the behaviour of the prisoners could be easily monitored and analysed to identify the prisoners with high crime propensity. This research work will prevent any future crimes that may be caused by those kinds of prisoners.

Updated on 23/09/2024

PERSONAL PROFILE:

Name	: Dr. H. Benjamin Fredrick David
Father's Name	: Mr. D. Henry Mohan David
Date of Birth	: 22-10-1992
Gender	: Male
Marital Status	: Married
Religion	: CSI Christian
Community	: BC (Nadar)
Nationality	: Indian
Languages Known	: Tamil, English, Hindi
Hobbies	: Teaching, Learning new skills, Programming, Game Developing, Cooking, Pencil sketching.

DECLARATION:

I hereby declare that the above information furnished here are true to the best of my knowledge. I assure you that I will discharge my duties to the best of my abilities and to the satisfaction of my administrators if I am appointed in your institution.

Place : Thoothukudi

Date :

(Dr. H. BENJAMIN FREDRICK DAVID)