Name: M.H.THASIN FOUZIA

Academic Qualification: M.Sc.[IT]., M.Phil., MCA, (Ph.D)

Experience: Teaching – 15 years.

Specialisation: Image Processing, Segmentation Techniques, Matching Techniques.

Email: thasin_aadil@yahoo.co.in

Education:

Ph. D - Dravidian University - Submitted.

M.Phil. - Bharathidasan University, 2008.

M.Sc.[IT] - Jamal Mohammed College, 2005.

M.C.A. - Bharathiar University, 2012.

Professional Experience:

Lecturer in Sacred Heart College, 2005-2007.

Lecturer in Jain College, 2007-2008.

Lecturer in JHA Agarsen College, 2008-2009.

Assistant Professor in Patrician College of Arts and Science, 2009 – till date.

Teaching Experience:

P.G. Classes (in years) - 6   U.G .Classes (in years) - 15

Other Administrative Responsibilities held:

Head, Department of Computer Science from 12th June, 2019 to till date.
Class Teacher, 2009 - 2020.
College Calendar Co-ordinator from 2017-2019

Credentials:

Paper setter for D G Vaishnav College.

Evaluated Theory answer scripts for UNOM, D G Vaishnav College.

Practicals External Examiner – ST.Louis College.

As a Judge for the Science Exhibition at St.Michael's Academy , St.Patrick's Anglo Indian Hr.Sec. School 2018.

Research Papers Presented/Published:

International Journals

➢ Published a research paper entitled *"Visualization of Geometrical Defects of Radiators using Edge Detection Techniques"*, in *International Journal of Advanced Research in Computer and Communication Engineering*, IJARCCE, Volume 5, Issue 10, October 2016, with Impact Factor: 5.332, ISSN (online) No. 2278-1021, ISSN (print) No. 2319-5940, WWW.ijarcce.com, indexed by crossref, Google Scholar, ULRICHSWEB, Cabell's Directories, University Regensburg, CiteFactor, Listed by German National Library of Science and Technology.

➢ Published a research paper entitled *"A Literature Survey on Various Methods used for Metal Defects Detection Using Image Segmentation "*, *International Journal of Science and Research (IJSR)*, Volume 5, Issue 10, October 2016, with Impact Factor: 6.391, ISBN No. 2319-7064, Index Copernicus value (2013): 6.14, www.ijsr.net.

➢ Published a research paper entitled *"A Survey on Various Methods used for Finding Image Similarities for Feature Extraction"*, *International Journal of Advanced Research Trends in Engineering and Technology*, IJARTET, March 2017, Impact Factor 4.753, www.ijartet.com, ISSN : 2394-3785, UGC Approved Journal(2017).

Workshop/Seminar/FDP/Conferences Attended:

Workshop

➢ Attended workshop on "Effective Mentoring" in NPTEL Online Courses, IIT Madras, 18th Jan 2018.

➢ Attended workshop on "Hadoop and Big Data Analytics", Thirutangal Nadar College, 2017.

➢ Attended workshop on *"Data Visualization using Tableau Software and Power BI"*, Computer Society of India – Chennai Chapter, 31st Aug, 2019.

➢ Attended State Level Technical Workshop on *"Intellectual Property Rights"*, Patent Information Center Tamil Nadu State Council for Science and Technology, Chennai (Govt. of Tamil Nadu) in Association with Patrician College of arts and Science, 13th Sep, 2019.

Faculty Development Program

➢ Attended National FDP on "AI and Cyber Security", at Mohammed Sathak College on 29th Nov, 2020.

International Seminar

➢ *Presented and published a paper, "Virtual Class Room – Propagation to Distance Education", in International Seminar on Impact of Sustainable Development on Global Corporate Environment, held on 27th August 2014, ISBN NO. 978-81-8209-134-4.*

➢ *Presented and participated a paper, "Survey on journals of Face Detection", in International Seminar – TechFest 2011, held on 5th February 2011, ISBN No. 978-81-8371-377-1.*

National Seminar

➢ *Participated and published a paper on "Image Processing – Applications and Research Areas", in National Seminar on "Recent Trends in Computer Science", held on 13th February 2015. ISBN No. 978-93-80530-43-7.*

➢ *Participated and published a paper "Digital Image Processing – A Review", in National seminar on "Recent trends in ICT", 28th February 2015.*

International Conferences

➢ *Participated in Second International Conference on Innovations in Contemporary IT Research, ICITR – 2015, held on 6th & 7th February 2015.*

➢ *Presented and published a paper, "Human Computer Interaction – Areas of Applications", in International Conference on Human Computer Interaction – Redefining Corporate Paradigms, held on 16th & 17th February 2015, ISBN No. 978- 81-92950-45-7.*

➢ *Authored a paper titled "Study on Image Matching and Template Matching", in Third International Conference on Communication, Computing and Information Technology – ICCCMIT 2017, held on 3rd and 4th February 2017.*

National Conferences

- *Presented and published a paper on "Detection of core defects in radiators using image processing", in National Conference on Global Technology, NCGT 2015, held on 21st February 2015, ISBN No. 978-93-80530-44-4.*

- *Presented and published a paper on "Image Processing Applications & Research areas", in National Conference on Recent Trends in Information Technology (NCRTIT 2015), held on 20th February 2015, ISBN No. 978-81-927411-2-3.*

- *Presented and published a paper on "A Literature Survey on Various Methods used for Metal Defects Detection using Image Segmentation", in National*

- *conference   2016 in NXTGEN, Developments in Computer Science and Mathematics, held on 29th&30th September 2016, ISBN No. 978-81-9078-799-1.*

- *Presented and published a paper titled, "A Study on Detection of Core Defects in Radiators using Image Processing, in National conference on Recent Trends in Intelligent Systems, held on 12th& 13th march 2015, ISBN No.978-93-80366-19-7.*

- *Presented a paper on "Detection of core defects in radiators using Image Processing", in Third National Conference on "Recent Trends in Computer Science" held on 1st September 2016, ISBN No. 977-9-385-68235-4.*

- *Participated and published a paper entitled "A Survey on Various Methods used for Finding Image Similarities for Feature Extraction", in National Conference on Recent Trends in Computer Science, Applications &Engineering, NCRTCAE-17, ON 3rdMarch 2017 organized by Thiruvalluvar University Constituent College of Arts and Science, Arakkonam.*

- *Attended seminar on "Data Science, Artificial Intelligence and Cryptography" at Tamil Nadu Science Forum as part of Popular Science Lecture Series 11, 14th Sep, 2019.*

- *Attended Seminar on "Sexual Harassment of Women – Prevention, Prohibition and Redressal and Legal Protection of Women in Workplace and Educational Institution, 26th Sep, 2019.*

Virtual Webinars Attended:

S.No.	Date	Workshop/ Seminar/FDP	Organization	Title	State/ National/ International
1	13.4.2020 to 16.4.2020	Online Workshop	Bhagwan Mahavir College of Commerce and Management Studies, Bhagwan Mahavir University, Surat, Gujarat, India.	An Effective Research Paper writing Skill	National
2	16.4.2020	Online Webinar Workshop	BrainSwig EduTech Pvt.Ltd (Approved by Ministry of Corporate Affairs, Govt.of India, an ISO 2015: 9001 Certified Institution)	Data Visualization using Tableau	National
3	13.4.2020 to 17.4.2020	Online FDP Certification Course	Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India in association with Hindustan College of Arts and Science	Python 3..4.3	National
4	20.4.2020	Online Webinar Certification Course	BrainSwig EduTech Pvt.Ltd (Approved by Ministry of Corporate Affairs, Govt.of India, an ISO 2015: 9001 Certified Institution)	Advanced Business Analytics using R Software	State
5	23.04.2020	Online Webinar certification Course	BrainSwig EduTech Pvt.Ltd (Approved by Ministry of Corporate Affairs, Govt.of India, an ISO 2015: 9001 Certified Institution)	Machine Learning using Python	State
6	28.04.2020 To 22.05.2020	MHRD Sessions	MHRD - IIC	Innovation, IPR, Entrepreneurship & Startup	National
7	29.04.2020	Webinar	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Fundamentals of Intellectual Property Rights – Patents, Trademarks, Copyright and	State

				Designs	
8	04.05.2020	Online Webinar	VLB Janakiammal College of arts and Science, Coimbatore	Block Chain Technology	State
9	04.05.2020	FDP	Shri Krishnaswamy College for Women & Spoken Tutorial IIT Bombay	R Programming	National
10	04.05.2020 & 05.05.2020	FDP & Workshop	Kristu Jayanti College, Bengaluru	Microsoft Dynamics 365	National
11	05.05.2020	Online Webinar	University of Madras, Chennai	Use of Elsevier Tools in Research Workflow	National
12	09.05.2020	FDP	Cambridge Institute of Technology, Bengaluru	Contemporary Tools And Techniques for Teachers and Researchers in Higher Education :Experience of using Virtual Classroom	National
13	11.05.2020	Webinar	Patrician - IIC	Impact of COVID-19 on Information Technology	International
14	12.05.2020 To 16.05.2020	Online FDP	PSG College of Arts and Science, Coimbatore	Computational Intelligence	State
15	14.05.2020	Virtual Webinar	Department of Computer Science, Patrician College of Arts and Science	Android for Absolute Beginners	National
16	20.05.2020	Virtual Webinar	Department of Computer Science, Patrician College of Arts and Science	Put Your Dreams to The Test	International
17	21.05.2020 & 22.05.2020	Online FDP	University of Madras, Chennai	Virtual Teaching	National
18	22.05.2020	Workshop	Patrician - IIC	Role of MSME for Entrepreneurship & Incubation	National
19	23.05.2020	FDP	SSS Jain College for	AI based Proctoring in	International

			Women, Chennai	Next Generation Education	
20	11.05.2020 to 17.05.2020	FDP	Vellalar College of Engineering & Technology, Chennai	Scope of Artificial Intelligence & Machine Learning	State
21	16.05.2020	Online Webinar	St.Peter's College of Engineering and Technology, Chennai	Intellectual Property Rights and Basics of Patent Practice in India	State
22	04.06.2020, 06.06.2020 & 07.06.2020	3 – days FDP	Department of Computer Science, Patrician College of Arts and Science	Recent Trends in Digital World	National
23	08.06.2020 to 12.06.2020	5 – Day Career Course	Department of Data Science, Loyola College, Chennai	Data Science	National
24	12.06.2020 to 17.06.2020	1- Week FDP	Mahaveer Institute of Science & Technology, Hyderabad	Data Science using R Programming	National
25	18.06.2020 to 22.06.2020	FDP	Department of Computer Science, Patrician College of Arts and Science	5 Days FDP on UGC NET/SET Paper II – Computer Science	National