

## FACULTY PROFILE

1. **Name & Designation** : Ms.M.Bagyarani/Lecturer
2. **Date of Birth** : 12.11.1982
3. **Educational Qualification** : M.E
4. **Date of Joining** : 25.01.2006
5. **Nature of Associative** :Regular
6. **Work Experience**



**Teaching** : 17

**Research** : NIL

**Industry** : NIL

**Others** : NIL

7. **Area of Specializations** : Operating System

8. **Subjects teaching at**

**Diploma Level** :

- Bio Medical Engineering
- Control Engineering
- 'C'Programming
- Assembly Language Programming
- C++ programming
- Operating System
- Object Oriented Programming with Java
- Software Engineering
- Computer Architecture & ALP
- Mobile Computing
- Electrical Circuits and Machines
- Computer Hardware & Networking
- Control Engineering
- Bio Medical Instrumentation

9. **Workshop Attended/ Organized** :

<b>Academic Year</b>	<b>Name of Course</b>	<b>Place</b>	<b>Duration</b>	<b>Programme Sponsoring Agency</b>
<b>2006-07</b>	“Software Project Management & Development Life Cycle – Best Practices”	Coimbatore Institute of Technology, Coimbatore	13.11.2006 to 14.11.2006 2 days	CIT – Department of CSE & IT, Tata Consultancy Services
<b>2008-09</b>	“VLSI Spartan 3 FPGA”	Govt. Polytechnic College for Women	4.3.2009 to 6.3.2009 3 days	PANTECH SOLUTIONS, Chennai in Association with CIICP
<b>2009-10</b>	One day Workshop on “Effective Communication”	GRG Polytechnic College, Coimbatore	19.9.2009 1 day	GRG Polytechnic College, Coimbatore
<b>2010-11</b>	One day Workshop on “Enhancing the Effectiveness of Polytechnic Teaching”	CIT Sandwich Polytechnic College, Coimbatore	11.2.2011 1 day	CIT Sandwich Polytechnic College, Coimbatore jointly organized with NITTTR, Chennai (Golden Jubilee Celebrations 1961-2011)
<b>2012-13</b>	“Emerging trends in Embedded Systems – Colliding worlds of Hardware and Software”	Coimbatore Institute of Technology, Coimbatore	10.08.2012 1 day	CIT – Department of Electrical & Electronics Engg. in association with Industry Institute Partnership Cell, CIT (AICTE sponsored) & IEEE Students Chapter, CIT
<b>2013-14</b>	‘Stochastic Modeling In System Engineering’ – SMISE-2014	Coimbatore Institute of Technology, Coimbatore	14.3.2014 to 15.3.2014 2 days	TEQIP II Sponsored

**10. FDP organized**

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Organized an One day FDP on “Active Learning Strategies, CIT Sandwich Polytechnic College, Coimbatore,

**FDP attended:**

<b>Academic year</b>	<b>Name of Course</b>	<b>Place</b>	<b>Duration</b>	<b>Programme Sponsoring Agency</b>
<b>2019-2020</b>	National level online FDP on “E-Content Development using Multimedia Tools”	PSG Polytechnic College, DIT, Coimbatore and Universal Teachers Academy	08.05.2020 to 12.05.2020	PSG Polytechnic College, DIT, Coimbatore
	Webinar on “How to improve your English pronunciation”	PSG Polytechnic College, BS&H(English) Coimbatore	10.06.2020	PSG Polytechnic College, DIT, Coimbatore
	Webinar on “Adopting Digital Methods for Teaching”	Byndr	24.06.2020	Byndr
	International Webinar on “Computer Communication and Virtualization Technology”	IEEE TEMS, NITTTR, Chennai	25.06.2020	NITTTR, Chennai
	Webinar on “Roles in Software Development and Production Readiness”	PSG Polytechnic College, DCE, Coimbatore	27.06.2020	PSG Polytechnic College, DCE, Coimbatore
	Webinar on “Overview of Cloud Computing”	PSG Polytechnic College, DCE, Coimbatore	29.06.2020	PSG Polytechnic College, DCE, Coimbatore
	Webinar on “Improving Cognitive Domains in students during Online Learning”	CIT SPC,BS&H, Coimbatore	06.07.2020	CIT SPC
	Three days workshop on “Using Amazon Cloud”	Valivalam Desikar Polytechnic College, DCE	15.07.2020 to 17.07.2020	Valivalam Desikar Polytechnic College, DCE

	Webinar on “Real Time Applications using Machine Learning”	CIT SPC, DECE, Coimbatore	21.07.2020	CIT SPC, DECE, Coimbatore
	Webinar on “Webpage Designing”	Sakthi Polytechnic College, DCE, Sakthinagar	24.07.2020	Sakthi Polytechnic College, DCE, Sakthinagar
	TEQIP-III Sponsored One week Online FDP on “Soft Computing Techniques (SCT 2020)”	DEEE,NIT Srinagar, J& K, India	25.07.2020 to 30.07.2020	TEQIP III Sponsored
	Webinar on “Big Data Analytics”	PSG Polytechnic College, DCE, Coimbatore	30.07.2020	PSG Polytechnic College, DCE, Coimbatore
<b>2019-2020</b>	Webinar on “Basics of Cloud Computing”	PSG Polytechnic College, DCE, Coimbatore	31.07.2020	PSG Polytechnic College, DCE, Coimbatore
	Webinar on “Internet of Medical Things(IoMT)”	PSG Polytechnic College, DCE, Coimbatore	01.08.2020	PSG Polytechnic College, DCE, Coimbatore
	TEQIP-III Sponsored Five Days Online FDP on “Strategies and Tools for Effective Teaching and Learning”	Govt. College of Engineering, DCSE, Bargur	04.08.2020 to 08.08.2020	TEQIP III Sponsored
<b>2020-2021</b>	One day National Seminar on “Designing MOOC’s, Digital Skills and E-Content Development”	Guru Angad Dev Teaching Learning Centre , A Centre of MHRD under PMMMNTT and Annamalai University, Tamilnadu	14.08.2020	Guru Angad Dev Teaching Learning Centre , A Centre of MHRD under PMMMNTT and Annamalai University, Tamilnadu

Two Week FDP on "Designing MOOC's, Digital Skills and E- Content Development"	Guru Angad Dev Teaching Learning Centre , A Centre of MHRD under PMMMNTT and Annamalai University, Tamilnadu	17.08.2020 to 30.08.2020	Guru Angad Dev Teaching Learning Centre , A Centre of MHRD under PMMMNTT and Annamalai University, Tamilnadu
Three weeks Industrial Training on "Communication and networking Technologies"	Rajiv Gandhi Memorial Telecom Training Centre, Bharat Sanchar Nigam Limited (A Govt. of India Enterprise) Meenambakkam, Chennai 600 016	26.05.2020 to 13.06.2020	Rajiv Gandhi Memorial Telecom Training Centre, Bharat Sanchar Nigam Limited (A Govt. of India Enterprise) Meenambakkam, Chennai 600 016
AICTE Sponsored Two week Faculty Development Programme on " OBE & SAR – Preparation Guidelines for Polytechnic Teachers"	Thiagarajar Polytechnic College, Salem	16.11.2020 to 29.11.2020	AICTE Sponsored
One week AICTE-ISTE Faculty Development Programme " The Power of teacher-student relationships in determining student success"	CIT Sandwich Polytechnic College, Coimbatore 641 014	22.02.2021 to 27.02.2021	AICTE Sponsored
Mathematics for Machine Learning	Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore	19.03.2021 to 20.03.2021	TEQIP III Sponsored

<b>2020-2021</b>	The power of teacher students relationship in determining student success	AICTE-ISTE One week FDP, CITSPC, Cbe-14	15.03.2021 to 20.03.2021	AICTE Sponsored
<b>2022-2023</b>	Emerging trends in Industry 4.0	AICTE-ISTE One week FDP, CITSPC, Cbe-14	06.01.2022 to 12.01.2022	AICTE Sponsored
	Workshop on AI & IoT in Agriculture	National Institute for Micro, Small and Medium Enterprises (ni-msme)	28.07.2022, 29.07.2022	Ni-MSME
	IP Awareness training Program on “National Intellectual Property Awareness Mission”	GoI, Ministry of Commerce and Industry. organized by Intellectual Property Office, India	01.02.2023	GoI, Ministry of Commerce and Industry

**11. Patents : Nil**

**12. Technology Transfer : Nil**

**13. Research Publications : Nil**

**14. No. of papers published in**

**National Journals : Nil**

**International Journals : Nil**

**Conferences : 6**

1. Ms.M.Bagyarani, presented a paper entitled “ Cancer biomarker” in the TNSCST Sponsored 7<sup>th</sup> International E-Conference on Latest Trends in Science, Engineering and Technology(ICLTSET’21) Organized by Karpagam Institute of Technology, Coimbatore held on 26<sup>th</sup> & 27<sup>th</sup> of March 2021.

2. Ms.M.Bagyarani, presented a paper on “Cancer Biomarker” in the 1<sup>st</sup> International Conference on Advanced Research in Information & Management Science (ICARITMS 2021) organized by Muhaba Research lab, Tamilnadu, India, on 23<sup>rd</sup> March 2021.

3. Ms.M.Bagyarani and Co “ Detection of Breast Cancer Biomarker”,

presented paper in the National Conference on Cognitive Science (NCCS2019) on 11<sup>th</sup> October 2019 Organized by Department of Computer Science, Aditanar College of Arts and Science, Tiruchendur, Tamilnadu.

4. Ms.M.Bagyarani and Co “ Cancer Biomarker”, presented paper in the 1<sup>st</sup> International conference on Industry 4.0 on 9-11 Januaray 2019 Organized by Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore, Tamilnadu.

5. Ms.M.Bagyarani “Enhancing the data collection rate in a tree based wireless sensor network”, presented paper in the 5<sup>th</sup> International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET’ 19) during March 22 & 23, 2019 by Karpagam Institute of Technology, Coimbatore, Tamilnadu.

6. Ms. M. Bagyarani and Dr. A. Kunthavai “Analysis of Cancer Biomarker”, presented paper in the 6<sup>th</sup> National Conference on Innovative Practices in Construction and Waste Management on 25<sup>th</sup> April 2017 Organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore, Tamilnadu.

7. Ms. M. Bagyarani and Dr. A. Kunthavai “Analysis of Cancer Biomarker”, published in the International Journal of Engineering Research and Modern Education, Special Issue, April 2017 ISSN:2455-4200, page no: 194-200.

8.Ms. M. Bagyarani and Dr. A. Kunthavai “Detection of Cancer Biomarker”, presented paper in the National Conference Research and Challenges in IT (REACH – IT 2016), 22-23 April 2016 at PSG College of Technology, Coimbatore, Tamilnadu.

9.Ms.M. Bagyarani and Dr. A. Kunthavai “Detection of Cancer Biomarker”, published in the proceedings of National Journal of Technology, page no: 148-152, Apr 2016 at PSG College of Technology, Coimbatore, Tamilnadu.

**15. No. of Books published with details : Nil**