Dr. T. J. BENEDICT JOSE M.Sc., M.Phil., Ph.D.,

6/4B1, School Street, Near BSNL Office, Vallioor - 627117, Tirunelveli District, Tamilnadu

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http://drtjbenedictjose.weebly.com/

Professional Summary:

Motivating and talented Assistant Professor driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become life-long scholars and learners.

Skills:

- Innovative teaching methods
- Creative instruction style
- Accomplished researcher in Computer Science
- Fluent in English
- Effective use of multi-media teaching tools

- Personable and approachable
- E-learning programs
- PowerPoint
- Innovative Thinker
- Committed to cultivate student Leadership

Education:

S.S.L.C   1997
St. Aloysius Higher Secondary School   T. Kallikulam, Tirunelveli District, Tamilnadu

H.S.C   1999
St. Aloysius Higher Secondary School   T. Kallikulam, Tirunelveli District, Tamilnadu

Bachelor of Science Computer Science   2004
St. Xavier's College (Autonomous)   Palayamkottai, Tamilnadu

Master of Science Computer Science   2006
St. Xavier's College (Autonomous)   Palayamkottai, Tamilnadu

M.Phil Computer Science   2008
Manonmaniam Sundaranar University   Tirunelveli, Tamilnadu

Ph.D Computer Science   2017
Manonmaniam Sundaranar University   Tirunelveli, Tamilnadu

Work History:

Software Test Engineer   Jul 2006 – Jul 2007
Mondial Soft Private Ltd   Chennai, Tamilnadu

- Provided continued maintenance and development of bug fixes for Software Modules.
- Diagnosed and troubleshooted problems and applied solutions to increase Software efficiency.

Senior Software Test Engineer   Jul 2007 – May 2009
Mondial Soft Private Ltd   Chennai, Tamilnadu

- Troubleshooted and resolved web application issues with a 100% success rate.
- Provided continued maintenance and development of bug fixes for existing Software Modules.

Lecturer, Department of Computer Science   Jun 2009 – Jan 2011
St. Xavier's College (Autonomous)   Palayamkottai, Tirunelveli, Tamilnadu

- Handled Theory & Practical classes for the Undergraduate & Postgraduate students for the Department of Computer Science, Department of Information Technology & Department of Commerce.
- Guided minor & major projects for the Undergraduate & Postgraduate students.
- Acted as a Staff Coordinator for the Students Training and Action for Neighbourhood Development (STAND) program for the Postgraduate students.
- Acted as a question setter for Regular & Arrears.
- Acted as a member of Board of Studies for the Department of Computer Science.
- Acted as a Industrial Visit Coordinator for the Postgraduate students.
- Acted as a Internal & External examiner for the Undergraduate & Postgraduate semester Practical Exams.
- Acted as a Class in charge for the Undergraduate & Postgraduate students.
- Evaluated exam papers for the Undergraduate & Postgraduate students.

Career Guidance, Staff Development & SmartClass Coordinator Nov 2014 – Sep 2015
Kings Higher Secondary School [Matric & CBSE]   Pudhur, Tirunelveli District, Tamilnadu

Career Guidance

- Invited Career Guidance Resource Professionals & organized Career Guidance guest interactive sessions for the students.
- Counseled & documented the career interest of each student.
- Maintained & updated a Career choice Bulletin Board regularly for the students to know more about their interested careers.
- Engaged the students to take a Career Path Finder test & provided a 25 pages Auto generated report, showing their future suiting careers.
- Documented & emailed all the session reports regularly to the authorities.
- Attended & conversed activity views in the management meeting.

Staff Development

- Invited Staff Development Resource Professionals & organized guest interactive sessions for the teaching & non teaching staff of Matric & CBSE.
- Documented & emailed all the session reports regularly to the authorities.

Smart Class

- Provided Smart Class usage demo to all the new staff.
- Maintained well configured knowledge centre for the teachers to prepare their lesson plan.
- Generated usage report daily & emailed the usage status to the authorities.
- Checked the functionality of the Smart systems daily.
- Attended & solved issues both in the class and in the knowledge centre.
- Installed & maintained new systems in Matric & CBSE.
- Versions upgraded in server & the systems.
- Smart Class quiz conducted for the students using remote for answering.
- Emailed and availed company support whenever required.
- Documented & emailed all the session reports regularly to the authorities.

Temporary Assistant Professor, Department of Computer Applications
Jun 2017 – Dec 2020
Manonmaniam Sundaranar University Constituent College
Palkulam, Kanyakumari - 629401.

Temporary Assistant Professor, Department of Computer Applications
Dec 2020 – Till Date
Government Arts & Science College, Palkulam, Kanyakumari - 629401.

Papers Published:

1) T. J. Benedict Jose[1] and P. Eswaran[2], "Effective Steganalytic Algorithm based on Residual Value of Pixels in an Image", International Journal of Advanced Computer Research, Vol.3, Pgs.32-36, 2013. (Scopus)
2) T. J. Benedict Jose[1] and P. Eswaran[2], "An Efficient Steganalytic Algorithm based on Contourlet with GLCM", Research Journal of Applied Sciences, Engineering and Technology, Vol.8, Pgs.1396-1403, 2014. (Scopus)
3) T. J. Benedict Jose[1] and P. Eswaran[2], "Block Based Steganalysis with Contourlet and ELM", International Journal of Applied Engineering Research, Vol.10, Pgs.7385-7400, 2015. (Scopus)
4) Dr. T. J. Benedict Jose, Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari has Published a paper entitled "Researching Big Data" at the International Conference on "Emerging Trends in Science and Social Science", organized by the Institute for Integrated Regenerative Medicine, Malaysia and VHNSN College Virudhunagar, in Kuala Lumpur, Malaysia on 03rd & 04th May, 2019. ISBN - 978 – 93 – 81723 – 95 – 1. Pg. 27.
5) Dr. T. J. Benedict Jose[2], "Intelligent Classification Model for Biomedical Pap Smear Images on IOT Environment", Computers, Materials & Continua (CMC), Vol.71, No. 2, Pgs. 3969 – 3983, 2022. https://doi.org/10.32604/cmc.2022.022701 (SCI)
6) Dr. T. J. Benedict Jose[2], "Deep Learning Enabled Predictive Model for Peer – to – Peer Energy Trading in Transactive Energy Management", Computers, Materials & Continua (CMC), Vol.71, No.1, Pgs. 1473 – 1487, 2022. https://doi.org/10.32604/cmc.2022.022110 (SCI)

7) Dr. T. J. Benedict Jose[2], "A Majority Signal Parity Check Scheme for Data Hiding with Tree – Based Parity Check" (Springer – Wireless Personal Communications) https://doi.org/10.21203/rs.3.rs-2495402/v1 (Scopus) (Under Review)

Books Published

1) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Government Arts and Science College, Palkulam, Kanyakumari has published a book entitled "Introduction to BIG DATA", Published by SKRGC Publications, Madurai. ISBN: 978-93-95341-11-0.

2) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Government Arts and Science College, Palkulam, Kanyakumari has published a book entitled "Programming in C", Published by ERES Publications, Trichy. ISBN: 978-81-957822-2-2.

Papers Presented:

1) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent college, Palkulam, Kanyakumari has presented a paper entitled "Analyzing the Difference Between Normal & Stego Images using BB Approach" in the National Conference on Advanced Trends in Computer Science and Engineering (NCATCSE'2K18) on 28th March 2018, Organized by the Department of Computer Science and Engineering and Computer Society of India (CSI) Students' Chapter (Institute Membership No : 100859), Dr. Sivanthi Aditanar College of Engineering, Tiruchendur – 628 215.

2) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent college, Palkulam, Kanyakumari has presented a paper entitled "Analyzing the Degree of Difference Between Normal & Stego Images using BB Approach" in the 13th National Conference on High Performance Computing – VISION'18 on 10th April 2018, Organized by the Department of Computer Science and Engineering, Government College of Engineering, Tirunelveli – 7.

3) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari has presented a topic entitled "Researching Big Data" via Video Conferencing at the International Conference on "Emerging Trends in Science and Social Science", Organized by the Institute for Integrated Regenerative Medicine, Malaysia and VHNSN College Virudhunagar, in Kuala Lumpur, Malaysia on 03rd & 04th May, 2019.

4) Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Government Arts & Science College, Palkulam, Kanyakumari has presented a topic entitled "Study and Diagnosis on Mouth Cancer" in the 7th International Conference on Emerging Trends in Engineering, Management and Computer Applications – ICETEMA 2K23 on 16th August 2023, Organized by the PET Engineering College, Vallioor – 627117

Webinar/FDP/Workshop/Professional Membership/Online Training Course/Online Certification Course Attended:

Duration	Webinar	FDP	Workshop	Professional Membership	Online Training Course	Online Certification Course
7 Days	2	1	-	-	-	-
6 Days	-	1	-	-	-	-
5 Days	-	5	-	-	-	-
4 Days	-	-	-	-	-	-
3 Days	5	-	2	-	1	-
2 Days	3	4	1	-	-	1
1 Day	90	10	2	1	1	-
Total	100	21	5	1	2	1

Resource Person:

1. Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, M. S. University Constituent College, Palkulam, Kanyakumari delivered a special lecture on "Fostering Literacy in the Era of Technology", Organized by the Literary Club, TDMNS College, T. Kallikulam on 09th Sep 2019.

2. Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari acted as the Resource Person for the "NPTEL ORIENTATION", organized by the Department of Computer Applications, in association with the Association of Computer Applications (ASCA), Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari on October 10, 2019.

Guest of Honour:

Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, M. S. University Constituent College, Palkulam, Kanyakumari was the Guest of honour for the Inter College Meet 2K19, Organized by the Department of Computer Applications, Rajas Engineering College, Vadakkangulam on 15th Feb 2019.

SPOC:

1. Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari has been approved as the SPOC for Manonmaniam Sundaranar University Constituent college, Palkulam, Kanyakumari by SWAYAM – NPTEL LOCAL CHAPTER, College Id – 3063, Partnering since – Aug 2019.

2. Dr. T. J. Benedict Jose, Temporary Assistant Professor, Department of Computer Applications, Government Arts and Science College, Palkulam, Kanyakumari has been approved as the SPOC for TCS iON Digital Learning Programs (Skill Development Training) under Tamilnadu Skill Development Corporation, Naan Mudhalvan Scheme (Phase – 1).

Research Supervisor:

Dr. T. J. Benedict Jose, Assistant Professor, Department of Computer Applications, Manonmaniam Sundaranar University Constituent College, Palkulam, Kanyakumari has been approved as Research Supervisor by Manonmaniam Sundaranar University, Tirunelveli.

Student Placement:

Dr. T. J. Benedict Jose, Temporary Assistant Professor & Placement Cell Member, Department of Computer Applications, Government Arts and Science College, Palkulam, Kanyakumari along with the Multi National Software Development Company Palnar Transmedia Private Ltd, Technopark, Trivandrum conducted a Campus Recruitment Drive for the Final Year students & the Alumni Students of the Department of Computer Applications of our college on 20th May 2022. Three Students have been placed as Junior Software Engineers.

Additional Responsibilities:

- Organizing Secretary – GASCCA$_{KK}$ (Government Arts & Science College Computer Association Kanyakumari)
- Programme Officer – Red Ribbon Club
- Member – IQAC
- Member – Sports Committee
- Member – Placement Cell
- SPOC – Admission Facilitation Centre
- Coordinator – College Web Team (https://gasckk.org.in/)

Personal Details:

Date of Birth   : 17.03.1982
Sex   : Male
Nationality   : Indian
Marital Status : Married
Religion   : Christian
Community   : BC

Declaration:

I hereby declare that the particulars given above are true to the best of my knowledge and belief.

Date: 04.02.2024

Place: Palkulam, Kanyakumari – 629401   Dr. T. J. Benedict Jose