

## Curriculum Vitae

### *Personal Details*

Name : **Dr. M. Davamani Christofer**

Age : 54 Years

Date of Birth : 23.05.1965

Gender : Male

Marital Status : Married

Wife : Dr. C. Jothi Sophia  
Principal,  
C.S.I. College of Nursing  
Pasumalai  
Madurai – 625 003

Address : “Morning Side”,  
Principal’s Quarters,  
The American College Campus,  
Madurai-625 002.

Office Address : Principal & Secretary  
Associate Professor in  
Mathematics  
The American College  
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### ***Academic Proficiency / Credentials***

- ❖ Earned **Second Doctoral degree** in **Mathematics** from Madurai Kamaraj University, with title “Studies on Bitopological view of some new properties” in May 2017.
- ❖ Earned Doctoral degree in “**Education and Mathematics**” at Alagappa University, Karaikudi with the title “Concept mapping on Mathematical Education through CAI” in 2007.
- ❖ Completed **Master of Education** at Madurai Kamaraj University, Madurai in 1996.
- ❖ Completed **Bachelor of Education** at Annamalai University, Chithambaram in 1992.
- ❖ Completed **Master of Philosophy** in Mathematics at St. Joseph’s College, Trichy affiliated to Bharathithasan University with 67.83 percentage in January 1990.
- ❖ Completed **Post B.Sc Diploma in Computer Science and its Applications** at Madura College, Madurai in 1990.
- ❖ Completed **M.Sc., Mathematics** at Thiagarajar College, Madurai with 67.93 percentage in 1988.
- ❖ Completed **B.Sc., Mathematics** at M.S.S.Wakf Board College affiliated to Madurai Kamaraj University under Madurai Kamaraj University in the year 1986.

### ***Teaching Profile***

<b>Period</b>	<b>College</b>	<b>UG level (years)</b>	<b>PG level (years)</b>	<b>Total (years)</b>	<b>Position</b>
1990-91 & 1991-92	The American College, Madurai	2	-	2	Lecturer (Management Teaching Staff)
1992-93 to 1994-95	S.V.N. College	3	3	3	Head (In-Charge), Department of Computer Science
17 <sup>th</sup> August 1995 to till date	The American College, Madurai	24 years	24 years	24 years	Associate Professor in Mathematics
23 <sup>rd</sup> Oct 2011 to till date	The American College, Madurai	-	-	7 Years & 9 Months	Principal & Secretary

***The American College has achieved the following credentials since 2011. The year I assumed the office of the Principal & Secretary of the American College.***

### **1. NAAC**

The College is reaccredited (2nd Cycle) by NAAC with Grade “A” CGPA – 3.46 on a 4-point scale our college stands 9<sup>th</sup> in the National level.

### **2. Academic Achievements**

- i. **11 of courses in the Self-financing stream** in order to later to the demands of students.
- ii. **Functionalising the Satellite Campus** near Chathirapatti from the academic year 2015. The College moved from Pasumalai to the Present Campus in 1909 and in 2015 to the Satellite Campus to later the needs of our brethren in the outskirts of Madurai,
- iii. Thus the legacy continues. Number of students strength has threefold increased from 2850 – 7000.

### **3. Human Infrastructure**

Appointed 73 teachers in the ratio of 20:1 both in aided and Self-financing streams.

### **4. Physical Infrastructure**

An **examination hall** and **Women’s Hall** annexure (UGC-funded) have been completed. A **Gym**, an **Indoor Stadium** (UGC-funded) a three storied building (**Saunders’ hall**) for self financed courses & a **women’s lounge**, and rest-rooms for both Boys & Girls are in progress.

New Men’s Hall with the name **Telfer Mook Hall** was constructed with the help of Board of Trustees of the Endowment of the American College.

### **5. Campus Green**

The Campus has been beautifully landscaped and aesthetically roads have been paver blocks laid wing.

## 6. Solar Power Plant

First Arts & Science College in Tamilnadu installed 100Kw on-grid solar power plant that **reduces 68.98 tonnes of CO<sub>2</sub> emission per year.**

7. Established Solar power plant in Satellite campus Hostel and street lights.

8. More than 800 students benefitted through **Free Noon Lunch scheme** for needy students.

9. **Earn while Learn** programme launched in our college and fifty students are earning while learning, every year.

### *Position held @ the American College*

Staff Advisor & President	:	SCM, The American College.
President/Teacher Guide	:	Rotaract Club of the American College.
President	:	ANALGEOCA, Association of Department of Mathematics (2004-2005)
Warden	:	ZUMBRO Hostel, The American College (01.6.2005 – 02.6.2006)
<b>Bursar</b>	:	<b>Ex-Officio member,</b> <b>Governing Council of the American College</b> (3.6.2006 to 27.10.2011)
<b>Principal</b>	:	<b>Ex-Officio member &amp; Secretary</b> (since 2011)

***Positions held (Other than American College)***

Executive Member	:	All India Association for Christian Higher Education
Governing Board Member	:	Sourashtra College for women, Madurai
Academic Council Member	:	N.M.S.S.V.N. College, M. K. University nominee
Board of Studies member	:	Yadava College, Madurai, Sri Kaleeswari College, Sivakasi
Vice President	:	Principal's Association, M. K. University Zone
Joint Secretary	:	Private College Management Association, M. K. University Zone
Research Guide	:	Department of Maths, Bharathiar University, Coimbatore And Madurai Kamaraj University
Research Board member	:	Manonmaniam Sundaranar University, Tirunelveli
Head (In-Charge)	:	PG Department of Computer Science, S.V.N. College
Life Member	:	Indian Criminology Society
District Organiser	:	Youth Red Cross Department of Youth Welfare Madurai Kamarajar University Palkalai Nagar, Madurai 625 021.
Member	:	Higher Educational Committee Church of South India, Madurai Ramnad Diocese

### **Research Activities**

- (i) Ph.D Project : 1. "Studies on Bitopological view of some new properties"  
2017 (Madurai Kamaraj University)  
2. Concept Mapping on Mathematics Education through  
Computer Assisted Instruction 2000-2007 (Alagappa  
University, Karaikudi)
- (ii) M.Phil Thesis : Measure Theory (1988-1990)
- (iii) International : Attended 8, Presented 7, Published 7  
Conference
- (iv) National : Attended 11, Presented 9, Published 8  
Conference
- (v) State-level : Attended 14, Presented 13, Published 11  
Conference

### **Research Convener**

Research Department of Mathematics,  
Manonmaniam Sundaranar University,  
Tirunelveli.

### **Research Supervisor**

Guiding two Ph.D. Mathematics students in Bharathiar  
University

Approved Research guide in Madurai Kamaraj University

### **Books Published**

- Co-author : **Computer books for CSI Matriculation Schools,**  
CSI Madurai Ramnad Diocese, Madurai
- Author : **Computers for Nursing**  
Text book for Dr. M.G.R. Medical University  
for the students of 2<sup>nd</sup> year B.Sc Nursing.
- Author : **"Concept mapping on Mathematics Education through CAI"**  
with ISBN number.
- Author : **Chosen by God**

***International Exposure***

***and Exchange Programme***

- : **OBERLIN College, Oberlin, OHIO 44074. USA** Served with distinction as an **OBERLIN SHANSI VISITING SCHOLAR** during the Academic Year 2003-2004 and, in so serving, actively promoted friendship and understanding between the **United States** and Asia.
- : Attended conference on “Strategic Planning and Resource Development” held at **Hong Kong**.
- : Attended Conference and presented a paper at **Thailand** “IMRF international Conference”, held at Bangkok.
- : Attended conference at **Singapore** “Mathematics and Tamil” held at Singapore Tamil Academy.
- : Attended conference at Melacca, **Malaysia** “Conference on President/Principals of Christian Colleges and Universities around the World” during Nov 2014.
- : Attended ASHA conference at Virginia, **USA** during March 2015.
- : Attended Mathematics International Conference at Messina, **Italy** during September 2015.
- : Attended Mathematics International Conference at Leicester, **United Kingdom** during August 2016.
- : Attended International Conference on “Mathematical Modelling in Applied Science” at Belgorod State Univeristy, Belgorod, **Russia** during August 2019.

**Countries visited** : **USA, UK, France, Swiss, Germany, Italy, Vatican, Belgium, Dubai, Honk Kong, Thailand, China, Singapore, Malaysia, Sri Lanka, Indonesia**

**Greatest Achievements** :

1. When took charge as the Principal of the American College, the College strength was 2850 and now (July 2017) it is 7026. Introduced 9 UG programmes, 2 PG Programmes & 2 Research Programmes during my leadership
2. **Functionlize the Satellite campus**, an additional campus of the American College, 15 km away from existing campus.
3. The American College **accredited in NAAC and secure 3.46** on a 4 point scale in the II cycle after 15 years
4. The American College got **extension in its autonomous status** including ex-post-effect period 2013-14 to 2015-16 upto 2021-22.

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***“My vision of high academic standard, blended with Social Consciousness and Spiritual Mission is sure to take the American College to greater heights dreamt of by its Missionaries.”***



**PAPER PRESENTED IN  
INTERNATIONAL / NATIONAL CONFERENCES**

1. Presented a paper entitled on **"On Nano Topological Model Induced by New Class of Generalized Closed sets"**, in an 2<sup>nd</sup> International Conference on Mathematical Modelling in Applied Sciences (ICMMAS'19)" held at Belgorod State University, Belgorod, RUSSIA from 20.08.2019 to 24.08.2019.
2. Presented a paper entitled on **"An analytical study of irresolute functions via  $\hat{\omega}$ -closed sets"**, in an International Conference on 51<sup>st</sup> Spring Topology and Dynamical Systems held at New Jersey City University, Jersey City, USA from 08.03.2017 to 11.03.2017.
3. Presented a paper entitled on **"Remarks on Nano Irresolute Functions"**, in an International Conference on Emerging Trends in Multidisciplinary Research held at Umar Pulavar Tamil Language Center, SINGAPORE from 27.12.2017 to 29.12.2017.
4. Presented a paper entitled on **"New Sort of Extended Bitopological Ideal Spaces"**, in an International Conference on Topology and its Applications held at University of Leicester, Leicester, ENGLAND from 02.08.2016 to 05.08.2016.
5. Presented a paper entitled on **"Note on Local Functions In Ideal Extended Bitopological Spaces, in an International Multidisciplinary Academic Conference, held at Asian Institute of Technology, Bangkok, THAILAND from 26.09.2016 to 30.09.2016"**
6. Presented a paper entitled on **"Baire Spaces Via Weak form of Open Sets in Bitopology"**, in an International Conference on Mathematics, Physics and Allied Sciences-2016 held at Carmel College of Arts, Science & Commerce for Women, GOA, INDIA from 03.03.2016 to 05.03.2016.
7. Presented a paper entitled on **"Note on Extended Bitopological Ultra  $R_t$ -Spaces"**, in an International Conference on Topology (ICTM 2015) held at University of Messina, Messina, ITALY from 07.09.2015 to 11.09.2015
8. Presented a paper entitled on **"New Separation Axioms In Extended Bitopological Spaces"** in an International Conference on Mathematical Sciences held at Asian Institute Of Technology, Bangkok, THAILAND from 15.09.2014 to 19.09.2014
9. Presented a paper entitled on **"Extended Bitopological Spaces Via New Operators"**, in an International Conference on Mathematical Sciences -2014 held at School of Mathematics, Madurai Kamaraj University, MADURAI, INDIA from 21.08.2014 to 23.08.2014.

**LIST OF PUBLISHED PAPERS IN  
INTERNATIONAL / NATIONAL JOURNALS**

1. **New Sort of Separation Axioms in Extended Bitopology**", "Journal of Ultra Scientist of Physical Sciences, Vol.28 (2) A,(2016), 128-134. Impact factor : 0.028, **(UGC Listed Journal No. 44588), ISSN No : 2319-8044**
2. **"Baire Spaces Via Weak form of Open Sets in Bitopology**, "Mathematical Science - International Research Journal, Vol.5, No.1, (2016), 78-80. **(UGC Listed Journal No. 43832), ISBN No: 978-93-84124-61-8**
3. **"Weak form of Separation Axioms in Extended Bitopological Spaces"**, "Mathematical Science - International Research Journal, Vol.4, (2015), 1-7. **(UGC Listed Journal No. 43832), ISBN No : 978-93-84124-40-3**
4. **"Extended Bitopological Spaces Via New Operators"**, "Mathematical Science - International Research Journal", Vol.3, No.2 (2014), 710-713, **ISBN No : 978-93-84124-14-4**
5. **"New Separation Axioms in Extended Bitopological Spaces"**, Mathematical Science -International Research Journal, Vol. 3 (2014), 941-950. **ISBN No: 978-93-84124-16-8**

**PROCEEDINGS**

1. **On Nano Topological Model Induced by New Class of Generalized Closed sets, Proceedings on 2<sup>nd</sup> International Conference on Mathematical Modelling in Applied Sciences, Belgorod State University, Belgorod, RUSSIA, (2019), Page No : 104**
2. **An analytical study of irresolute functions via  $\widehat{\omega}$ -closed sets, Proceedings of the International Conference on 51<sup>st</sup> Spring Topology and Dynamical Systems, New Jersey City University, Jersey City, USA, (2017), Page No: 23**
3. **New Sort of Extended Bitopological Ideal Spaces, Proceedings of the 31st Summer Conference on Topology and its Applications, University of Leicester, Leicester, England, (2016), Page No : 21.**
4. **Note on Extended Bitopological Ultra  $R_i$  -spaces, Proceedings of the International Conference on Topology, Messina University, Messina, Italy (2015), Page No : 1**
5. **Note On Local Functions In Ideal Extended Bitopological Spaces, Proceedings of International Multidisciplinary Academic Conference, Thailand (2016), Page No : 14. ISBN No : 978-93-84124-75-5**

6. Baire Spaces Via Weak form of Open Sets in Bitopology, Proceedings of International Conference on Mathematics, Physics and Allied Sciences, Goa (2016), Page No : 35, **ISBN No : 978-93-84124-60-1**
7. New Separation Axioms in Extended Bitopological Spaces, Proceedings of the **International Conference on Mathematical Sciences**, Thailand (2014), Page No : 6, **ISBN No : 978-93-84124-15-1**
8. Extended Bitopological Spaces Via New Operators, Proceedings of the International Conference on Mathematical Sciences (2014), Madurai Kamaraj University, Madurai, Page No : 35, **ISBN No : 978-93-84124-13-7**
9. A Study on just excellent and vary excellent weakly D , Proceedings of the International Conference on Mathematical Sciences (2014), Madurai Kamaraj University, Madurai, Page No : 39, **ISBN No : 978-93-84124-13-7**
10. On Number of Restricted partitions, Proceedings of the International Conference on Mathematical Sciences (2014), Madurai Kamaraj University, Madurai, Page No : 44, **ISBN No : 978-93-84124-13-7**

### **Academic VISITS ABROAD**

1. **RUSSIA** : **Belgorod State University, Belgorod, Russia (2019)**
2. **USA** : **New Jersey City University, Jersey City, USA (2017)**
3. **SINGAPORE** : **Umar Pulavar Tamil Language Center, Singapore (2017 & 2014)**
4. **ENGLAND** : **University of Leicester, Leicester, England (2016)**
5. **THAILAND** : **Asian Institute of Technology, Bangkok, Thailand (2016 & 2014)**
6. **ITALY** : **University of Messina, Messina, Italy (2015)**
7. **USA** : **Virginia (2015)**
8. **MALAYSIA** : **Melacca, Malaysia (2014)**
9. **CHINA** : **Hong Kong, China (2013)**
10. **USA** : **Oberlin College, Oberlin, USA (2003)**

## **CHAIRPERSON/ RESOURCE PERSON / CHIEF GUEST**

1. **Chaired a Session**, International Conference on Advances in Pure and Applied Mathematics-2018 held at Madurai Kamaraj University, Madurai on 07.09.2018.
2. **Chaired a Session**, International Conference on Mathematical Sciences held at Asian Institute of Technology, Bangkok, Thailand on 16.09.2014.