NAME : C. Velmurugan
POSITION : Assistant Professor
FACULTY OF : Mathematics
PHONE/MOBILE : 9688215952
EMAIL ID : cvelmurugan@vivekanandacollege.ac.in
DATE OF BIRTH : 15/05/1983

LANGUAGES PROFICIENCY

READ : Tamil, English
WRITE: Tamil, English
SPEAK: Tamil, English

1. QUALIFICATION

S.NO.	DEGREE/DIPLOMA/CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	U.G.	Mathematics	G.T.N. Arts & Science College , Dindigul	2005
2.	P.G.	Mathematics	Thiagarajar Arts & Science college , Madurai	2007
3.	M.PHIL.	Mathematics	MKU- Evening College, Dindigul	2009
4.	PH.D.	Mathematics	Madurai Kamaraj University, Madurai	From May 2020
5.	CERTIFICATE	Statistical Software	Annamalai University DDE - Chidambaram	2009
6.	SET	Mathematics	Mother Teresa Women's University	2016

2. TEACHING EXPERIENCE

S.NO.	INSTITUTION	FROM	TO
1.	Vivekananda college, Tiruvedakam west, Madurai	June 2019	Still
2.	SCAD College of Engineering and Technology, Tirunelveli	June 2015	April 2017
3.	Kodaikanal Christian College, Kodaikanal	June 2009	Nov 2013

3. POSITION HELD IN Vivekananda College

S.NO.	NAMEOFTHEPOSITION	DURATION
1.	Residential Acharya	3.5 Years

4. POSITION HELD OUTSIDE

S.NO.	INSTITUTION	NAMEOFTHEPOSITION	DURATION
1.	Gandhigram Rural Institute Deemed University - Dindigul	Project Assistant	Nov 2013-Aug 2014

5. AREAS OF SPECIALIZATION

- Graph Theory, Labeling, Inventory Control, Golden Ratio, Fractal

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S.NO.	PROGRAMMES	THEME	ORGANIZED BY	DATE
1.	FDP	Emerging Trends in graph theory	Dr.N.G.P .Institute o Technology - Coimbatore	27-31 July 2020
2.	FDP	Avant - garde Trends in Mathematics	Bannari Amman Institute of Technology	17-23 June 2020
3.	FDP	Pedagogy In Mathematics	St. Mother Theresa Engineering College- Thoothukudi	June 2015
4.	FDP	SCADFDP2015	Francis Xavier Engineering College-Tirunelveli	August 2015.

5.	FDP	Curriculum designing and Evaluation for Autonomous College	Madurai Kamaraj University and Kodaikanal Christian College – Kodaikanal	24- 26 Feb 2010

7. NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S.NO.	PROGRAMMES	SPONSOREDBY	ORGANIZED BY	DATE	PARTICIPATED/ PRESENTED	TITLEOFTHEPAPER
1.	Workshops	-	National Post Graduate College – Lucknow	03 July 2020.	PARTICIPATED	ICT Tools and Software's for Teaching and Learning -
2.	Workshops	UGC-CSIR	Gandhigram Rural Institute - Deemed University–Dindigul	28-29 March 2014	PARTICIPATED	Symposium on Mathematical modeling and soft computing -
3.	Workshops	TEQIP-II	Coimbatore Institute of Technology , Coimbatore	14-15 March 2014.	PARTICIPATED	Stochastic Modeling in system Engineering
4.	Workshops	UGC-DST-CSIR	Gandhigram Rural Institute-Deemed University– Dindigul	Feb 27 - Mar 3 - 2013	PARTICIPATED	Advanced School on Analysis and International Workshop on Mathematical Modeling and Dynamical
5.	Workshops	-	KSR Arts and Science college-Tiruchengodu	23-25 Jan 2013	PARTICIPATED	Differential equations using Matlab
6.	National Seminars	UGC Autonomy Grant	Mannar Thirumalai Naicker College, Madurai.	20 Dec 2019	PRESENTED	A study on Applications of Graph Labeling
7.	International Conferences	-	SSPES's Goa Multi Faculty College-Goa.	17 oct 2015	PRESENTED	Creation of Fractal graph
8.	National Conferences	CSIR-NBHM	NIT Trichy	May 2014	PRESENTED	Fractal Carpet Graph
9.	National Conferences	-	Dr.NGP Arts and Science College, Coimbatore.	07 Feb 2013	PRESENTED	A Comparative Study on Domination and Dimension of Fractal Path
10.	National Conferences	-	Amman Arts and Science College Dindigul.	02 Feb 2013	PRESENTED	A study on Characteristics of Fractal graph Parameters

8. ARTICLES PUBLISHED IN JOURNALS

S. NO.	TITLE OF THE ARTICLE	JOURNAL NAME	NATIONAL / INTERNATIONAL	MONTH / YEAR	VOL. NO. & ISSUE NO. PAGE NO.	ISSN	PUBLISHER
1.	Algorithm for M modulo N Graceful Labeling of Ladder and Subdivision of Ladder Graphs	International Journal of Mathematical Combinatorics	INTERNATIONAL	Sep 2020	**VOL. NO. 3 ISSUE NO. 1 PAGE NO.** 92 – 101	1937 1055	MADIS of Chinese Academy of Sciences and published
2.	Existence of the golden ratio in Tanjavur Brihadeeshwarar temple	Open Journal of Mathematical Sciences	INTERNATIONAL	July 2020	**VOL. NO. 4 ISSUE NO. 1 PAGE NO.** 92 – 101	2523 0212	PSR Press
3.	M Modulo N Graceful Labeling of Path and Star	Journal of Information and Computational Science	INTERNATIONAL	Dec 2019	**VOL. NO. 9 ISSUE NO. 12 PAGE NO.** 1212 -1221	1548 7741	joics.org

4.	Creation of Fractal graph	International Journal of Advances in Management, Technology & Engineering Sciences	INTERNATIONAL	Oct 2015	**VOL. NO. 5 ISSUE NO. 7 PAGE NO.** 2249 -7455	2249 7455	-
5.	Optimal shipment policy with ordering constraint for multi items in healthcare industries	International Journal of Mathematics in Operational Research	INTERNATIONAL	Oct 2014	**VOL. NO. 8 ISSUE NO. 2 PAGE NO.** 203 - 222	1757 5869	Inter science
6.	A Study on Inventory modeling through Matrices	International Journal of Applied and Computational Mathematics	INTERNATIONAL	Oct 2014	**VOL. NO. 1 ISSUE NO. 1 PAGE NO.** 203–217	2349 5103	Springer
7.	Fractal Carpet Graph	Proceedings of National Conferences on Recent trends in Analysis and Applied	NATIONAL	May 2013	**VOL. NO. - ISSUE NO. - PAGE NO.** 137-142	ISBN 978819237 5236	Shanga Verlag
8.	A formulation study on characteristics of Profit and Loss Parameters	Global journal of applied mathematics and Mathematical Sciences	INTERNATIONAL	Dec 2012	**VOL. NO. 5 ISSUE NO. 2 PAGE NO.** 81-85	0973 5518	Serials Publications

9. E-CONTENT DEVELOPED

S. NO.	NAME OF THE COURSE	NAME OF THE E-CONTENT	MONTH / YEAR	LINK OF THE E-CONTENT DEVELOPED
1	Competitive Mathematics	Quantitative aptitude	Apr / 2020	https://youtu.be/yL0TzQPxNRc
2.	Operations Research	Inventory Control	Apr / 2020	https://youtu.be/mU8YTUpkIAY
3.	Differential Calculus	Fourier Series	Apr / 2020	https://youtu.be/7uGKZP_semQ
4.	Differential Equation	Standard Form of PDE	Apr / 2020	https://youtu.be/i8MRptTN0C8
5.	Modern Algebra	Fundamental Theorem of Homomorphism	Apr / 2020	https://youtu.be/EXeErH68apw

10. AWARDS AND RECOGNITION RECEIVED

S. NO.	NAME OF THE AWARD/ RECOGNITION	NAME OF THE AWARDING GOVERNMENT/ GOVERNMENT RECOGNISED BODIES	YEAR OF AWARD
1.	Silamba selvan	Namakkal District Silambam Association	2016

11. NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS ORGANISED

S. NO.	NAME OF THE PROGRAMME ORGANISED	NAME OF THE FUNDING AGENCY	DATE	AMOUNT
1.	Employment Opportunities and Higher Education in Mathematics(Webinar)	-	22.01.2021	_
2.	Faculty Development Programme on Recent Trends In Mathematics	Department Fund	15.03.2021 16.03.2021	Rs.4000
3.	Fractal Operators in Approximation Theory(Webinar)	-	18.08.2021	-
4.	The Two types of Domination in Fuzzy Graphs(Webinar)	-	03.09.2021	-
5.	Enhance Your Personality(Guest Lecture)	-	03.08.2021	-

6.	Srinivasa Ramanujam –The Man who knew infinity(Guest Lecture)	-	20.12.2021	-

12. MEMBER OF THE BOARD OF STUDIES

S. NO.	NAME OF THE INSTITUTION	NAME OF THE POSITION	DURATION
1.	Vivekananda College , Tiruvedakam West, Madurai	Member	2018-2019,2019-2020,2020-2021

13. ACTED AS A RESOURCE PERSON

S. NO.	TITLE OF THE LECTURE DELIVERED	NAME OF SEMINAR / WORKSHOP/GUEST LECTURE	STATE /NATIONAL / INTERNATIONAL	ORGANIZED BY	DATE
1.	Linear Programming	**GUEST LECTURE**	LOC	Mangayarkarasi College, Madurai	28.10.2021

14. EXTENSION ACTIVITIES

S. NO.	NAME OF THE ACTIVITY	NAME OF THE ORGANISING UNIT/ AGENCY/ COLLABORATING AGENCY (NSS, NCC, RRC, YRC, CLUB, DEPARTMENT, SWACHH BHARATH, GENDER ISSUE ETC.)	DATE
1.	Community Service	Girls Government Hr. Sec. School, Solavandan	13.08.2019

15. ANY OTHER

- Best student award in PG.
- Best seminar award in National conference at Dr.NGP Arts and Science College, Coimbatore 2013.
- State Level Winner in Silambam, Kick Boxing and Fencing and Karate.
- Silamba selvan Award 2016.
- **Webinar**
  - **Statistics Analysis using R** – Vivekananda College, Tiruvedakam west, Madurai 13 August 2021.
  - **International webinar on Date Science in E- commerce** – Mannar Thirumalai Mannar Thirumalai Naicker College, Madurai on 23 July 2021.
  - **Applications of Integrated Graph Theory Research** -Sri Sarada College for Women (Autonomous), Tirunelveli-16 July 2020.
  - **Exploring Graph Theory Applications with GRIN (Graph Interface) Software**- Thiagarajar College of Engineering- 15 July 2020.
  - **Recreational Problems in Graph Theory and their Applications in Real World**- KLE Society's S.K.Arts College and H.S.K. Science Institute, Hubballi (Karnataka)-10 July 2020.
  - **Complex Analysis and Vector Spaces**-Hooghly Mohsin College-West Bengal-10 July 2020.
  - **A One Day Webinar on Total Labeling in Graphs** –Thiagarajar College of Engineering- 8 July 2020.
  - **Inner Product Space** – Urumu Dhanalakshmi College Trichy -06 July 2020.
  - **Recent Trends in Mathematical Modeling**-Mannar Thirumalai Naicker College, Madurai on 27 June 2020.
  - **National Webinar for Aspirants of CSIR Mathematics** – Ayya Nadar Janki Ammal College, Sivakasi-22-26 June 2020.
  - **Key Notes to Write a Research proposal and funding opportunities in India – An Overview**-St. Mother Theresa Engineering College,Thoothukudi-26-06-2020.
  - **Latest Developments and Applications of Graph Theory**- KPR Institute of Engineering and Technology, Arasur, Coimbatore-23 June 2020.
  - **Basic Of Latex** -Voorhees College,Vellore-13 June 2020
  - **Applications Of Mathematics in Mechanical Engineering** - KPR Institute of Engineering and Technology, Arasur, Coimbatore-11-12 June 2020.
  - **Graphs from Commutative Rings**-Presidency College, Chennai-10 June 2020.
  - **Data Pre-Processing In Machine Learning Using Python**-KPR Institute of Engineering and Technology, Arasur, Coimbatore-10 June 2020.
  - **A Two Day Webinar On Distance In Graphs-** KPR Institute of Engineering and Technology, Arasur, Coimbatore-03-04 June 2020.
  - **Online Course -** Geospatial Inputs for Enabling Master Plan Formulation for AMRUT sub scheme
    Course Duration: From11-Oct-2021 to 15-Oct-2021 Organizer: IIRS-ISRO, Dehradun, India