



Dr.Daphy Louis Lovenia  
Department of Mathematics  
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Progressing towards her twenty fifth year of service in Karunya University, Dr. J. Daphy Louis Lovenia is a veteran in teaching Mathematics. She is a doctorate in Difference Equations. She is a member of the Indian Mathematical Society and the International Society of Difference Equations. She has vast experience in administration including her contribution to the university as Deputy Registrar – Student Affairs. Known for her administrative abilities, at present she is the Director of the School of Science and Humanities and the Head of the Pre-Engineering Program. She is also an active worker and a mover of Youth Red Cross in Karunya.

#### Personal Information:

Name : Dr. J. Daphy Louis Lovenia  
Designation : Professor of Mathematics & Director of S & H  
Department : Mathematics  
Date of Joining : 04.10.1989

#### Qualification with Specialization:

Degree	Major	Specialization	Year of Passing	College/ University
Ph.D	Mathematics	Difference Equations	March 2012	Karunya University Coimbatore
M.Phil	Mathematics	Homotopy, Linear and Bitopologies	May 1989	Alagappa University
M.Sc.	Mathematics	Topology	May 1988	KaraikudiMadurai Kamaraj

				University, Madurai
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### Teaching Experience:

Classes	Years		Institution	Department	Duration
	From	To			
UG	4 <sup>th</sup> , October 1989	Till date	Karunya University	Mathematics	24 years
PG	June 1997	Till date	Karunya University	Mathematics	17 years

### Administrative Experience:

Position	Organisation	Duration	
		From	To
Deputy Registrar (Student Affairs)	Karunya University	June 2012	April 2013
Director	Karunya University	May 2013	Till Date

### Courses Taught:

- Mathematics 1
- Mathematics 2
- Mathematics 3
- Mathematics 4
- Numerical Methods
- Operation Research
- Resource Management Techniques
- Computer oriented

### Research:

Guiding student Lavanya A.P (RR13MA001)

### Papers in Journals:

- B.Selvaraj & J.Daphy Louis Lovenia **“Oscillation behavior of fourth order neutral difference equations with variable coefficients”**, Far east journal of Mathematical sciences, 35(2), 2009, 225-231.
- B.Selvaraj & J.Daphy Louis Lovenia **“Oscillation Behavior of Certain Fourth Order Neutral Difference Equations”**, Journal of Computer and Mathematical Sciences, 1(4), 2010, 443-447.
- B.Selvaraj & J.Daphy Louis Lovenia **“Oscillation Behavior of Third order Neutral difference equations with Positive and Negative Coefficients”**, Journal of Computer and Mathematical Sciences, 2(3), 2011, 531-536.
- B.Selvaraj & J.Daphy Louis Lovenia **“Oscillatory properties of certain first and second order difference equations”**, Journal of Computer and Mathematical Sciences, 2(3), 2011, 567-571.

### National Conference/Workshops/FDP/Training:

- ❖ Participated in FDP on “Probability and Random Process” at Kongu Engineering College, Erode on 30.06.2003 to 4.07.2003.
- ❖ Participated in FDP on “E - Learning” at Karunya Institute of technology on 02.04.2005.
- ❖ Participated in Workshop on “Revamping Mathematics Syllabus – A Slant to Applied Mathematics” at Karunya University on 29.09.2007.
- ❖ Participated in Nature Education Camp by CHINNAR Wildlife Sanctuary on 23.06.2008 to 24.06.2008.
- ❖ Participated in Project Proposal Writing workshop at Karunya University on 09.03.2009 to 10.03.2009
- ❖ Participated in National Conference on “Computational Methods in Continuum Mechanics” at Government Arts College, Coimbatore on 18.03.2009 to 19.03.2009.
- ❖ Participated in Question Bank Workshop at Karunya University on 19.06.2009 and 20.06.2009.
- ❖ Participated in “Effective Teaching” Workshop at Karunya University on 25.09.2009.
- ❖ Participated in National Conference on “Fuzzy Mathematics” at Karunya University on 09.12.2009 to 10.12.2009.
- ❖ International Conference conducted by Gayatri Vidya Parishad, College of Engineering, Andhrapradesh, 19.12.2009 and 22.01.2009, Participated and Presented a Paper titled, **“Oscillatory Behavior of certain Fourth Order Difference Equations”**.
- ❖ Participated in FDP on “Recent Trends in Applied Mathematics” at Karunya University on 26.02.2010 to 27.02.2010.
- ❖ National Symposium conducted by Indian Institute of Technology, Madras on 22.12.2010, Participated and Presented a Paper titled **“Oscillatory Behavior of Neutral Difference Equations with Positive and Negative Coefficients”**.

- ❖ National Conference conducted by Karunya University on 21.01.2011 and 22.01.2011, Participated and Presented a Paper titled, “**Oscillation Criteria for Solutions of Third Order Neutral Difference Equations**”.

**Program Organized - Youth Red cross Club coordinator:**

<b>Name of the Event</b>	<b>Dates</b>	<b>In Associated With Institution/Organized</b>
Anti-Substance Abuse Week	15.09.2008 to 19.09.2008	Karunya University
Blood Donation Camp	05.09.2009	Government Hospital, Coimbatore.
District Level YRC Student’s Study Camp	27.03.2010	Indian Red Cross Society
First Aid Training	28.02.2012 To 29.02.2012	St. John’s Ambulance, Coimbatore
Orientation Program for YRC Volunteer	20.02.2014 to 22.02.2014	Indian Red Cross Society, Tamilnadu branch.
National Symposium on Invention and Innovation for sustainable Development	21.03.2014	Karunya University

**Symposium Organized:**

National Symposium on Invention and Innovation for sustainable Development on 21 March 2014 at Karunya University, Coimbatore.

**Membership Details:**

- Board of Studies member – Department of Mathematics , Karunya University
- Indian Mathematical Society - Life Member
- International Society of Difference Equations - Regular Member