

## DrSWINTON DARIOUS

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### Qualification

Degree	Branch	Institution / University	Year of Passing
Doctor of Philosophy	Single Crystal Crystallography	Bharathidasan University	2019
M.Sc	Chemistry	St.Josephs College	2009
B.Sc	Chemistry	St.Josephs College	2007

### Ph.D. Details

Title of Thesis		Area of Specialization
"COCRYSTALS / SALTS OF SOME DERIVATIVES OF PURINES AND PYRIMIDINES: IMPLICATIONS FOR CRYSTAL ENGINEERING		SMALL MOLECULES CRYSTALLOGRAPHY
Research Supervisor	Research Centre	Year of Award
DR.P.THOMAS MUTHIAH	BHARATHIDASAN UNIVERSITY	27-02-2019

### Additional Qualification

Name of Course	Place of Study	Date	Duration
B.ED	VEKKALIYAMMAN COLLEGE OF EDUCATION, TIRUCHIRAPPALLI	MAY 2010	1 YEAR

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
BISHOP HEBER COLLEGE (AUTONOMOUS)	POST BOX NO.615, TIRUCHIRAPPALLI - 620017 TAMILNADU, INDIA	ASSISTANT PROFESSOR	26-11-2018	TILL DATE

### Teaching / Research Experience

U.G. : 3 Years

P.G. : 6 Months

M.Phil.

Ph.D.

## Table of Contents

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3.	Publication in Journals	6
4.	Publication in Books	0
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6.	Conferences / Workshops / Seminars Organised	1
7.	Research Projects	0
8.	Resource Person	1
9.	Consultancy	0
10.	Awards Recieved	1
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. Regional level Summer School on **"Drug Discovery and Development (S2D3 – 2018)"** sponsored by PRIST University organized by PRIST University at Vallam, Thanjavur during 16/07/2018 to 20/07/2018.
2. National level Seminar on **"Crystal Growth and Applications (NSCGA 2017)"** sponsored by PG & Research Department of Physics, National College organized by PG & Research Department of Physics, National College at Trichy during 06/03/2017 to 08/03/2019.
3. National level Conference on **"Research Advances in Materials Science and Applications (RAMSA'16)"** sponsored by TEQIP II organized by Anna University at Trichy during 19/08/2016 to 20/08/2016.
4. Regional level Workshop on **"Interpretation of Spectral, Chromatographic, Crystallographic and Computational Data of Chemical Systems"** sponsored by PRIST University organized by PRIST University at Vallam, Thanjavur during 28/01/2016 to 30/01/2016.
5. -1 level Seminar on **"X-ray Diffraction and Recent Advances in Crystallography (XDRAC-2015)"** sponsored by Periyar University organized by Periyar University at Salem during 27/02/2015 to 28/02/2015.

## Research Papers Presented

- 4

1. **"Supramolecular architecture involving a novel tetranuclear lead(II) complex"** in the International conference on *Chemistry Research and Innovation Today (CRIT-2019)* sponsored by Bishop Heber College, organized by Bishop Heber College at Trichy during 24/01/2019 to 24/01/2019.
2. **"Supramolecular hydrogen-bonding patterns in a 1:1 co-crystal of the N(7)-H tautomeric form of N6-benzoyladenine with 4-hydroxybenzoic acid"** in the National conference on *21st National Seminar on Crystal Growth and Applications"* (NSCGA-2017) sponsored by , organized by National College at Trichy during 06/03/2017 to 08/03/2017.
3. **"Supramolecular packing patterns of carboxylate salts of trimethoprim -An antifolate drug"** in the International conference on sponsored by Chemical and Environmental Research" (ICCER 2017), organized by Jamal Mohamed College at Trichy during 07/01/2017 to 07/01/2017.
4. **"Supramolecular architectures in the salt trimethoprimium ferrocenecarboxylate and in the cocrystal 4-amino-5-chloro-2,6-dimethylpyrimidine ferrocenecarboxylic acid (1/1)"** in the National conference on *Research Advances in Materials Science and Applications"* (RAMSA'16) sponsored by , organized by BIT, Anna University at Trichy during 19/08/2016 to 20/08/2016.

1. **"Crystal structure and Hirshfeld surface analysis of 2,4,6,11-tetrakis(4-fluorophenyl)-9-oxa-1,5-diazatricyclo[5.3.1.0<sup>3,8</sup>]undecane"** published in Acta Cryst E (PEER REVIEW) Vol. E74, Issue No. , November 2018 ISSN : ---.
2. **"Supramolecular hydrogen-bonding patterns in salts of the antifolate drugs trimethoprim and pyrimethamine"** published in Acta Cryst C (PEER REVIEW) Vol. C74, Issue No. , March 2018 ISSN : ---.
3. **"Supramolecular architectures in cytosinium 6-chloronicotinate monohydrate and 5-bromo-6-methyl-isocytosinium hydrogen sulfate"** published in Acta Cryst C (PEER REVIEW) Vol. C74, Issue No. , February 2018 ISSN : ---.
4. **"Supramolecular architectures in cytosinium 6-chloronicotinate monohydrate and 5-bromo-6-methyl-isocytosinium hydrogen sulfate"** published in Acta Cryst C (PEER REVIEW) Vol. C74, Issue No. , February 2018 ISSN : ---.
5. **"Supramolecular architectures in cytosinium 6-chloronicotinate monohydrate and 5-bromo-6-methyl-isocytosinium hydrogen sulfate"** published in Acta Cryst C (PEER REVIEW) Vol. C74, Issue No. , February 2018 ISSN : ---.
6. **"Supramolecular architectures in cytosinium 6-chloronicotinate monohydrate and 5-bromo-6-methyl-isocytosinium hydrogen sulfate"** published in Acta Cryst C (PEER REVIEW) Vol. C74, Issue No. , February 2018 ISSN : ---.

## Conferences / Workshops / Seminars Organised

- 1

1. National level Workshop Entitled **"Science Through Inquiry and Research (STIR 2019)"** at Bishop Heber College, Trichy, sponsored by UBCHEA, during 17/10/2019 to 18/10/2019.

## Awards Recieved

- 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
BEST ACHIEVER OF THE YEAR	Bishop Heber College	11/03/2020	COLLEGE	Bishop Heber College	

## TRAINING PROGRAMME

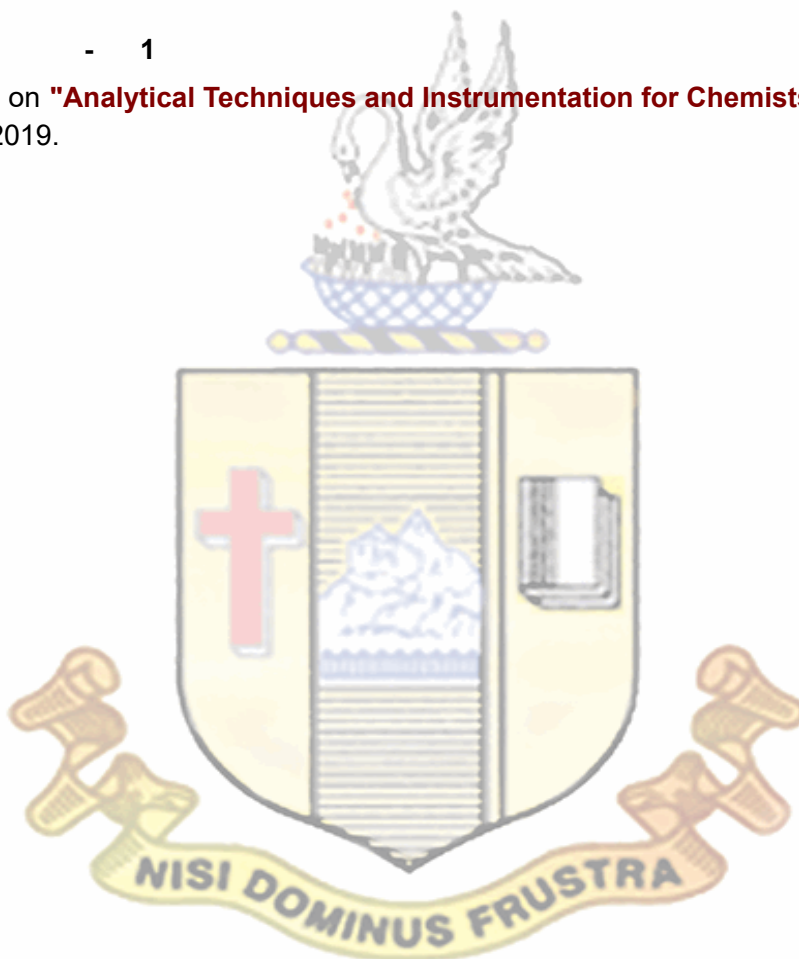
- 3

- # COLLEGE level on **"Capacity Building Programme"** Sponsored by IQAC, Organized by Bishop Heber College at Trichy during 31/08/2020 - 01/01/1900.
- # COLLEGE level ORIENTATION on **"One day Workshop on Student Counseling for Young Teachers"** Sponsored by Anugraha Capuchin Institute of Counseling and Psychotherapy-Dindigul, Organized by Bishop Heber College at Trichy during 26/06/2019 - 01/01/1900.
- # COLLEGE level REFRESHER on **"Faculty Recharging Programme"** Sponsored by Bishop Heber College, Organized by IQAC at Trichy during 12/06/2019 - 13/06/2019.

## RESOURCE PERSON

- 1

1. College level Workshop on **"Analytical Techniques and Instrumentation for Chemists - ATIC 2019"** at Trichy, 05/12/2019.



**Signature of Staff**  
**(SWINTON DARIOUS)**