



Aldel Education Trust's
St. John College of Humanities and Sciences
(A Christian Religious Minority Institution)
Affiliated to University of Mumbai

St. John Technical Campus, Vevoor, Manor Road, Palghar (East), Tal. & Dist. Palghar,
Maharashtra - 401404.

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CRITERIA 3- Research Innovations and Extension

Key Indicator – 3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation centre facilities in the HEI to be considered)

INDEX

Sr. No	Indicator	Particular	Page no
1	3.2.1	Initiative taken for research promotion	
	1.	Academic Year 2021-2022	1-12



SJTEC/2022/03-07

CIRCULAR

To,

The Principals and Admin Heads of

1. St. John College of Engineering and Management
2. St. John Institute of Pharmacy and Research
- ✓ 3. St. John College of Humanities and Sciences
4. St. John Junior College
5. St. John International School

We are pleased to inform all Institutes on the Campus that we have appointed Dr. Evans Coutinho as Dean – Research w.e.f. 1st March 2022 to guide and mentor our faculty and post graduate students in their Research work.

Dr. Evans Coutinho has worked as Professor in Department of Pharmaceutical Chemistry and subsequently became Principal of Bombay College of Pharmacy. He has more than 25 years of experience in teaching / research / academics.

Today Research and Publication has become one of most important aspect in academics and we want our faculty to inculcate Research culture which will enhance their knowledge and help them in teaching learning methods.

We appreciate that he has joined our Campus as Dean Research. We welcome Dr. Evans Coutinho to our Campus and we hope our faculty will take benefit of his vast knowledge and expertise.

Dr. Evans Coutinho will be available in the Campus on every Tuesday and Wednesdays and will currently be seated in the Campus Director's Office, till further notice.



Chairman

Aldel Education Trust

7th March 2022



Principal

St. John College of Humanities and Sciences
Palghar (E), Dist. Palghar - 401 404.

*Circulate to all
Depts.*

*MDG S
07/03/2022*

Institutions at the Campus

St. John Institute of Management and Research St. John Institute of Pharmacy and Research St. John Polytechnic St. John Junior College
St. John College of Engineering and Management St. John College of Humanities and Sciences St. John International School (CBSE)

Approved by AICTE, DTE, PCI and Affiliated to University of Mumbai / MSBTE
DTE Code : 3218, 3240 MSBTE Code: 1602, 1694

Name of the Faculty: Dr. Evans C. Coutinho

Designation: Professor, Dept. of Pharmaceutical Chemistry

Email: evans.coutinho@bcp.edu.in; evanscoutinho@gmail.com

Personal Website: <http://profeccoutinho.net.in>

Teaching Fields : Pharmaceutical chemistry, organic chemistry, general chemistry, advanced medicinal chemistry

Educational Qualifications:

Sr no.	Degree	University	Year of Passing
1)	PhD (Tech.)	Mumbai University	1989
2)	M. Sc. (Tech.)	Mumbai University	1986
3)	M. Sc. (Tech.)	Mumbai University	1986
4)	B. Sc. (Tech.)	Mumbai University	1984
5)	B. Sc.	Mumbai University	1981

Awards and Fellowships:(ALL)

Sr no.	Award/Fellowship	University
1)	a. Chairman of the Board of Studies of Pharmacy, University of Mumbai. b. Member of the Academic Council, University of Mumbai. c. Member of the Faculty of Technology, University of Mumbai. d. Member of the Board of University Teaching and Research for the Faculty of Technology, University of Mumbai. e. Member of the Research and Recognition Committee for the Board of Studies in Pharmacy, University of Mumbai. f. Member of the Research and Recognition Committee for the Board of Studies in Biophysics, University of Mumbai. g. Member of the Research and Recognition Committee of SPTM, NMIMS, Vile Parle. h. Member of the Board of Studies, School of Sciences, NMIMS, Vile Parle. i. Member of the Research Progress Committee (RPC) for the faculty of Pharmaceutical Sciences/Pharmacy, NIRMA University, Ahmedabad. j. Member School Board – School of Chemical Sciences and Pharmacy, Central University of Rajasthan	2012-onwards

2)	University Grants Commission (UGC) Research Award	1999
3)	Resident Scholarship to the 1998 Residential School on Medicinal Chemistry, Drew University, Madison, New Jersey, USA,	1998
4)	Career Award for Young Teachers, All India Council of Technical Education,	1995
5)	PAMDAL Best Teacher Award for Pharmacy Colleges in Bombay	1993
6)	First Rank in Bombay University at the B.Sc. (Tech.)	1984
7)	Nominated by the Vice-Chancellor to the Senate and Students Council of Bombay University,	1984
8)	The Dr. M. K. Rangnekar Memorial Bronze Medal	1984
9)	The Prof. M. L. Khorana Memorial Prize	1984
10)	The Prof. J. G. Kane Memorial Prize	1984
11)	The Mrs. R. B. Forster Book Prize	1984
12)	The Mrs. Soonabhai Dadabhoy Master Scholarship in Pharmaceuticals & Fine Chemicals	1984
13)	IDMA - G. P. Nair Award	1984

Recent Publications: (Best Five in last five years)

Sr no.	Paper Title(Best Five in last five years)	Journal Details
1)	The Effect of Interaction of 2-Amino-8-Hydroxyquinoline on the Conformation and Unfolding Pathway of Physiological Isomers of Human Serum Albumin	National Conference on Frontiers in Biotechnology and Bioinformatics (NCFIBB2014) "Macromolecular Interactions in Biology", D. Y. Patil Vidyapeeth, Navi Mumbai, 30th – 31st January, 2014
2)	Curcumin and Kaempferol Prevent Lysozyme fibril Formation by Modulating Aggregation Kinetic Parameters	National Conference on Frontiers in Biotechnology and Bioinformatics (NCFIBB2014) "Macromolecular Interactions in Biology", D. Y. Patil Vidyapeeth, Navi Mumbai, 30th – 31st January, 2014
3)	Pharmacophore Mapping Studies To Identify Novel HCV RNA Polymerase Inhibitors	Recent Advances Computational Drug Design" 2013, IISc Bangalore 16th – 17th September 2013
4)	Developing New leads as Anti-tubercular agents that target novel biological target of Mycobacterium tuberculosis	Recent Advances Computational Drug Design" 2013, IISc Bangalore 16th – 17th September 2013
5)	Discovery of Novel Molecular Scaffolds For Vasopressin V1b Antagonists Using Pharmacophore Based Virtual Screening	Recent Advances Computational Drug Design" 2013, IISc Bangalore 16th – 17th September 2013

Recent Patents:(ALL)

Sr no.	Patent Title	Patent Number
1)	6-Methyl-4-phenyl-5-(phenyl or cycloalkyl)carbamoyl-1,2,3, 4-tetrahydropyrimidin-2-one derivatives as antitubercular agents	1. WO2011151701A1 2. CN102971301A 3. Indian Pat. Appl. (2012), IN 2010DE01244 A 20120302

Collaborations: (in current year)

Sr no.	Title	Industry/institute
1)	Molecular Modeling studies	1. Centre for Basic Sciences, DAE-UM, Mumbai. 2. Molecular Biophysics, Dept. Of Chemical Sciences, TIFR, Mumbai. 3. University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh. 4. Chemical Research Laboratory, Dept. Of Chemistry, Saurashtra Univ., Rajkot. 5. National Chemical Laboratory, Pune. 6. Dept. Of Pharmaceutics, Chandigarh College of Pharmacy, Mohali, Panjab.

Consultancy Services: (in last five years)

Sr no.	Title	Industry/institute
1)	In silico resistance estimation	BASF, Germany

Research Area and interest:

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Pharmaceutical chemistry, Computer aided drug design, Advances in NMR methodology.

Expertise and instrumental/research facilities you can provide to interested parties:

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Computer aided drug design, homology modelling, docking, pharmacophore modelling, QSAR, molecular dynamics, quantum mechanics

»

synthesis of NCEs

»

Identification and dynamics of peptides/proteins using multinuclear ^1H , ^{13}C and ^{15}N , 1D and 2D NMR methodologies.