

NAME	NAVYA ANTONY	
DESIGNATION	ASST.PROFESSOR	
QUALIFICATION	MSc. B.Ed. SET, Ph.D	
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TEACHING INTERESTS

Inorganic Chemistry, Physical chemistry

RESEARCH AREAS

Enzyme Immobilization, Biochemistry, Polymer chemistry

ACADEMIC/PROFESSIONAL QUALIFICATIONS*

NAME OF THE PROGRAMME	INSTITUTION/UNIVERSITY	YEAR OF PASSING
Ph.D(Chemistry)	Cochin University of Science and Technology	2014
B.Ed (Physical Science)	M.G University	2006
M.Sc (Chemistry)	M.G University	2005
B.Sc (Chemistry)	M.G University	2003
Plus Two	Board of Public Examination	2000
SSLC	Board of Public Examination	1998

SET	Directorate of Higher Secondary Education	2008
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CAREER HISTORY/TEACHING EXPERIENCE

DESIGNATION	INSTITUTION/UNIVERSITY	YEAR OF SERVICE
Assistant Professor (Guest faculty)	St Teresa's college Ernakulam	2015-2017
Guest Faculty	St Paul's college, Kalamassery	2007-2010
Guest faculty	St Francis Higher Secondary school Aluva	2006

PHD THESIS

SL.NO	TITLE	GUIDE NAME	INSTITUTION	MONTH/YEAR
1	Immobilization of diastase α-amylase on to Synthetic & Natural Polymers".	Dr. P.V Mohanan	CUSAT	August 2014

RESEARCH GUIDESHIP

NA

M.PHIL/PH.D GUIDED--- NIL

SL.NO	NAME OF THE STUDENT	TITLE	UNIVERSITY & WORK CENTRE	MONTH/YEAR

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RESEARCH PROJECTS/GRANTS RECEIVED- NIL

SL.NO	TITLE	INVESTIGATORS	SPONSORING AGENCY	MONTH/YEAR

AWARDS/ACHIEVEMENTS/OTHERS*

SL.NO.	NAME OF AWARDS/ ACHIEVEMENTS/OTHERS	DESCRIPTION	MONTH/ YEAR
1	UGC –BSR Scholarship	Scholarship awarded for meritorious students during Ph.D	2009-2013
2	SET	Directorate of Higher Secondary Education	2008

*BEST PAPER,BEST POSTER,ANY OTHER POST HELD ETC...

JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
<u>1</u>	Synthesis of polypyrrole nanoparticles in surfactant gel,	Research Lines, 3, 84-89	0975-8941	2010

<u>2</u>	Study of physical and morphological changes on polypyrrole-silica composites after its transformation as a support for enzyme immobilization,	Advancements in polymer science and technology, 137-140	ISBN: 97881-7255-079-0	<u>2017</u>
<u>3</u>	Effect of Surfactants on catalytic activity of diastase α - amylase	J. Surfact. Deterg, 1-3	<u>Impact factor-1.9</u>	<u>2013</u>
<u>4</u>	Influence of method of preparation on alpha amylase Immobilization	Vol(1)(2016) pg:332-334	ISBN 978-93-80095-738	<u>2016</u>
<u>5.</u>	Immobilization of diastase a-amylase on nano zinc oxide	Food Chemistry 211 ,624–630	Impact factor-4	2016

CONFERENCE PUBLICATIONS

SL.NO.	TITLE	NAME OF CONFERENCE	VENUE, MONTH / YEAR
<u>1</u>	Characterization studies of polypyrrole samples before and after immobilization of diastase alpha amylase.	“Recent Advances in Solar Energy Applications”- RASE-2016	15th December 2016 organized by Post Graduate Dept. of Chemistry.
<u>2</u>	Study of physical and morphological changes on polypyrrole-silica composites after its transformation as a support for enzyme immobilization,	Advancements in polymer science and technology, 137-140	January 24th and 25th, 2016 organized by dept. of chemistry St. Teresa’s College Ernakulam.
<u>3</u>	➤ Probing chemically synthesized	26 th Swadeshi Science Congress organized by Swadeshi Science Movement,Kerala	7-9 November 2016, Central Marine

	polypyrrole as a support for enzyme immobilization,		Fisheries Institute(CMFRI), Kochi[2016].
<u>4</u>	Influence of method of preparation on alpha amylase Immobilization	International Conference MatCon-2016	January 2016
<u>5</u>	Immobilization of α -amylase on to pyrrole - aniline copolymer	National conference CTriC 2013, Cochin University of Science and Technology, Kerala, India [January 2013
<u>6</u>	Immobilization of α -amylase on to polypyrrole prepared in presence of sodium dodecyl sulphate	National conference CTriC 2012, Cochin University of Science and Technology, Kerala, India	2012
<u>7</u>	Immobilization of diastase α -amylase on to polypyrrole prepared in presence of colloidal silica as templates	National conference CTriC 2011, Cochin University of Science and Technology, Kerala	2011
<u>8</u>	Immobilization of diastase α -amylase on to polypyrrole polymer	U.G.C sponsored national seminar, M.G. college Thiruvananthapuram	2010
<u>9</u>	Immobilization of α -amylase on nano zinc oxide	National seminar organized by Sacred Heart College, Thevara	2010
<u>10</u>	Immobilization of diastase α -amylase on to polypyrrole polymer prepared by chemical oxidative polymerization	International seminar held at M.G. University Kottayam	2010
<u>11</u>	Immobilization of α -amylase on polypyrrole	International Conference MatCon-2010	2010

ARTICLES IN PERIODICALS/MAGAZINES/ANY OTHER-nil

SL.NO.	TITLE	NAME OF PERIODICAL	MONTH/ YEAR

BLOG/WEB ARTICLES-nil

SL.NO.	TITLE	URL	SUBJECT	MONTH / YEAR

BOOKS AS AUTHOR/EDITED/CHAPTERS/REVIEWS-nil

SL.NO	TITLE	AUTHOR NAMES	ISBN NO.	MONTH/ YEAR
1				

ORIENTATION/REFRESHER COURSES ATTENDED-nil

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER	MONTH/ YEAR
1			
2			

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED#

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1	International seminar Recent Advances in Solar Energy Applications"- RASE-2016	Post Graduate Dept. of Chemistry.	St TERESAS COLLEGE Ernakulam December15	Internatioanl

2	Advance in polymer science and technology	KSCTEC	St TERESAS COLLEGE Ernakulam January 24,25	NATIONAL
3	workshop 'MACRO TO MICRO'	UGC	Baselius college, Kottayam.sept 28-30,2016	NATIONAL
4	National Conference on modern trends in research-2016	Organized by Teresian Research and consultancy Cell at St Teresa's college Ernakulam.	St TERESAS COLLEGE Ernakulam,Dec 16th	NATIONAL
5	International Conference on Materials for the millennium	CUSAT,UGC	CUSAT January 30th	INTERNATIONAL
6	Workshop on Teaching physics using Python	UGC	Dept. of physics	National
7	in National conference CTric	UGC	CUSAT	National
8	1st Kerala Women's Science Congress		St Teresa's college Ernakulam [2010].	State
9	International Analytical Science congress		CUSAT	INTERNATIONAL
10	The application of X-Ray Fluorescence Spectroscopy in analytical science and Technology	Indian Society of Analytical scientists	CUSAT	National
11	seminar "Women in science : A Career in science	initiative of Indian academy of science	CUSAT	National
12	National Symposium in chemistry	, St Paul's College Kalamassery in collaboration with M.G. University Kottayam	St Paul's College Kalamassery	National

*INSTITUTIONAL, REGIONAL, STATE,NATIONAL, INTERNATIONAL

#(MENTION THOSE WHICH ARE RELEVANT & PREFERABLY WITHIN PAST 5 YEARS)

SEMINARS ORGANIZED

SL.NO	NAME OF THE SEMINAR	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	POSITION HELD	LEVEL *
1	Cyber crime awareness programme	UGC-CPE Fund	10/09/2015 St Teresa's college Ernakulam	Organiser	Regional
2	Certificate course One day-on MS Office	UGC-CPE Fund	21/03/2017 St Teresa's college Ernakulam	Co-co-ordinator	Regional

*INSTITUTIONAL, REGIONAL, STATE,NATIONAL, INTERNATIONAL

PROFESSIONAL AFFILIATIONS/MEMBERSHIPS

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INVITED TALKS/IN MEDIA/ANY OTHER

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POSITIONS HELD IN COLLEGE

Union

PG PROJECTS GUIDED

SL.NO	TITLE	MONTH/ YEAR

UG PROJECTS GUIDED

SL.NO	TITLE	MONTH/ YEAR

LECTURE NOTES

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REFERENCES

Dr. Geetha Andrews, HOD, Dept. of Chemistry St TERESA'S COLLEGE, Ernakulam

- **Dr. P.V. Mohanan, Assistant Professor, CUSAT**