

Research Output of the Department of Botany (2009-10)

Sl No	Title of Paper & Authors	Journal National/International Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	Collection and preliminary evaluation of small bitter gourds (<i>Momordica charantia</i> L.) a relict vegetable of Southern Peninsular India John K J & Antony V T	Genet Resour Crop Evol 56. 99-104; International - Springer	5	0.573	2	0.29
2	Extended distribution of <i>Hedyotis pterita</i> BL (Rubiaceae; Hedyotideae) in Kerala; Kumar P N, Antony V T and Krishnaraj M V	Journal of Econ Taxon Bot 33 (1) 64-66; Indian – scientific Publishers (Online)	3	Nil	3	Nil
3	Phytosociology of roadside communities to identify ecological potentials of tolerant species. J G Ray & Jojo George	Journal of Ecology and the Natural Environment 1(5) 184-190 – Open Access International – Academic Journals	6	Nil	2	Nil
4	Physico-chemical environmental complex of a commercially exploited tropical freshwater system within a wildlife sanctuary, Kerala, India. J G Ray, Jithesh K, Sobha V and Unni S	SB Academic Review 15 (1&2) 27-53 International – SB College	25	Nil	4	Nil
5	Arbuscular Mycorrhizal fungi and <i>Piriformospora indica</i> individually and in combination with Rhizobium on green gram. J G Ray & Valsalakumar N	Journal of Plant Nutrition 33; 285-298 International – Taylor & Francis	13	0.820	2	0.41
6	Tropical rainforest vegetation, climate and sea level during the Pleistocene in Kerala, India. Farooqi A, J G Ray, S A Farooqui, R K Tiwari and Z A Khan	Quaternary International 30; 1-10 International – Elsevier	10	1.482	5	0.3
7	Production of a highly glucose tolerant beta glucosidase by <i>Pacilomyces varietii</i> MG3; Optimization of fermentation condition using Plackett-Burman and Box-Behnken Experimental design. Joseph Job, Rajeev KS and K Jayachandran	World Journal of Microbiology and Biotechnology (Accepted 4 th Jan 2010)International - Springer	7	0.98	3	0.33
Total Published Pages			69	Impact factor of the Department		1.33

Sl No	Name of the author	Number of papers	Number of published Pages	Total Author Impact Factor
1.	Dr V T Antony	2	8	0.29
2.	Dr J G Ray	4	54	0.71
3.	Shri Joseph Job	1	7	0.33
Total		7	69	1.33

Research Grants Generated during the Academic Year (2009-10)

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
	Nil	Nil	Nil

Other Achievements of the Faculty Related to Research (2009-10)

Sl No	Name of the Faculty	Research Guidance (Ph D thesis submitted/awarded)	Awards / Membership Received in International organizations in the period
1	Dr V T Antony	1 : (Promod Kumar N; degree awarded)	'DK Arora Best paper award' for the article published in Journal of Plant Genetic Resources in the year 2008
2	Dr J G Ray	2 : (Mr Jojo George & Mr K J George – thesis submitted)	Membership in the American Agronomy Society, Crop Science Society of America and Soil Science Society of America

Research Output of the Department of Zoology (2009-10)

Sl No	Title of Paper & Author (s)	Journal details	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1.	Chikungunya: Status, clinical features, diagnosis, treatment and control. Jomon K V and Thomas T V	SB Academic Review, 15 (1 &2). 19-26 International – SB College	7	Nil	2	Nil
2.	Ecology of domatium associated ants in some species of Acacia. John T K and Krishnamurthy K V.	Ecology and Noosphereology 20 (1-2) 128-131 International – Dnieproetrovsk National University, Ukraine	3	Nil	2	Nil
3.	An evaluation of fluoride and iron status in the bore well water of Ambalapuzha taluk. Renymol K R and Joe P M	Journal of the Zoological Society of Kerala; 12 (1-2) 5-15 Indian – Zoological Society	10	Nil	2	Nil
Total Published Pages			20	Impact factor of the Department		Nil

Sl No	Name of the author	Number of papers	Number of Pages	Impact factor of the author
1	John T Kocheril	1	3	Nil
2	Joe Prasad Mathew	1	10	Nil
3	Jomon K V	1	7	Nil
Total		3	20	Nil

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
1	Nil	Nil	Nil

Other Achievements of the Faculty related to Research

Sl No	Name of the Faculty	Research Guidance Ph D thesis submitted/awarded	Awards or Other Recognitions	Membership Received in International organizations
	Nil	Nil	Nil	Nil

Research Output of the Department: Chemistry (2009-10)

Sl No	Title of Paper	Journal	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	Investigation on synergic activity of N-Benzylimine aminothioformamide binary accelerator system in sulfur vulcanization of natural rubber; E J Mathew & Shaji J (Accepted)	Journal of Applied Polymer Science; International – Wiley -Blackwell	5	1.072	2	0.536
2	Dynamic mechanical properties of cotton/polypropylene commingled composite systems Tomlal J E, Rani M, Thomas P C, Sabu T, Kuruvilla J	Journal of Applied Polymer Science 114, 2624-2631,; International – Wiley - Blackwell	7	1.181	5	0.236
3	Dynamic mechanical analysis of oil palm microfibril reinforced acrylonitrile butadiene rubber composites; Shaji J, Sreekumar P A, Jose M K, Deobora P, Sabu T, and Kuruvilla J	Polymer composites, 31 (2) 236-244; International – Wiley Interscience	8	1.032	6	0.172
4	Impact, tear and dielectric properties of cotton/polypropylene commingled composites; Tomlal E J, Thomas PC, George KC, Jayanarayanan K, Kuruvilla J	Journal of Reinforced Plastics and Composites DOI 10.1177/0731684409338748; International - Sage Publ. UK	14	0.573	5	0.115
5	Thermal and Crystallization behavior of cotton-polypropylene commingled composite systems ; Tomlal E J, Aju J, Mikael S, Sabu T, Kuruvilla J	Polymer Composites DOI 10.1002/pc.20940; International – Wiley Interscience	8	1.032	5	0.206
6	Effect of draw ratio on the microstructure, thermal, tensile and dynamic rheological properties of insitu microfibrillar composites; Jayanarayanan K, Tomlal J, Sabu T, Kuruvilla	European Journal of Polymer Science 45 1738-1747 J; International - Elsevier	9	2.143	4	0.535
7	Effect of sequence of nanoclay addition in TPU/PP belends: thermomechanical properties; M Kannan, SS Bhargawan, Tomlal J, Sabu T, Kuruvilla J	Journal of Material Science DOI 10.1007/s 10853-009-4046-y; International - Springer	8	1.800	5	0.36
8	High performance nanocomposites based on arcylonitile-butadiene rubber with fillers of different particle size: mechanical and morphological studies; Thomas PC,	Polymer composites. DOI 10.1002/pc.20938 – International Wiley Interscience	10	1.032	5	0.206

9	Tomlal J E, Selvin TP, Sabu T, Kuruvilla J Solvent uptake and accelerated solar aging ... Tomlal EJ, Jacob M, Kuruvilla J, Jayanrayan K and Thomas PC	Polymers & Polymer Composites (Accepted); International – Wiley Interscience	8	1.032	5	0.206
10	Nitrile rubber nanocomposites at elevated temperatures: Impact of filler geometry on thermal stability; Thomas PC, Tomlal EJ, Selvin T, Sabu T and Kuruvilla J	SB Academic Review 15 (1&2) 89-95; International – SB College	6	Nil	5	Nil
11	Novel soluble random copolymers from pyromellitic dianhydride; Bejoy F, Keshwaree B, Rabin B, Ramesh S, Ravin N	SB Academic Review 15 (1&2) 108-114 International – SB College	6	Nil	5	Nil
12	Effect of Chemical modification of the mechanical properties of polypropylene/cotton commingled composites ; Tomlal E J, Mikael S, Sabu T, Kuruvilla J	SB Academic Review 15 (1&2) 115-121; International – SB College	6	Nil	4	Nil
13	Equilibrium and kinetic modeling on the removal of malachite green from aqueous solution using Barytes; Vijaya K G, Renjith T, Dharmendra K M	SB Academic Review 15 (1&2) 1-13; International – SB College	13	Nil	3	Nil
Total			100	Impact factor of the Department		4.491

SI No	Name of the author	Number of papers	Impact factor of the authors	Number of Pages
1	EJ Mathew	1	0.536	5
2	Shaji Joseph	1	0.172	8
3	P C Thomas	3	0.557	16
4	Tomlal E J	6	2.690	52
5	Bejoy Francis	1	Nil	6
6.	Renjith T	1	Nil	13
Total		13	4.491	100

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
1	Dr E J Mathew	UGC Minor Project	100000.00
2	Shri Mohan Thomas	UGC Minor Project	85000.00
3	Shri George Sebastian	UGC Minor Project	115000.00
4	Shri P C Thomas	UGC Minor Project	62500.00
5	Dr T V Mathew	UGC Minor Project	107500.00
6	Shri Tomlal Jose E	UGC Minor Project	95000.00
Total			565000.00

Other Achievements of the Faculty related to Research

Sl No	Name of the Faculty	Research Guidance Ph D thesis submitted/awarded	Awards or Other Recognitions	Membership Received in International organizations
	Nil	Nil	Nil	Nil

Research Output of the Department of Physics (2009-10)

Sl No	Title of Paper	Journal	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	Impact, tear and dielectric properties of cotton/polypropylene commingled composites Tomlal E J, Thomas PC, George KC, Jayanarayanan K, Kuruvilla J	Journal of Reinforced Plastics and Composites DOI 10.1177/0731684409338748; International - Sage Publ. UK	5	0.573	5	0.115
2	Infrared and magnetic study of nanophase zinc ferrite; Marykutty T and George KC	Indian Journal of Pure and Applied Physics 47, 81-86. National - CSIR	6	0.271	2	0.135
3	Characterization and magnetic properties of nanocrystalline Fe PO ₄ Marykutty T and George KC	Indian Journal of Pure and Applied Physics 47, 104-109 National - CSIR	6	0.271	2	0.135
4	Spectral Properties of cadmium malonate crystals grown in hydrosilica gel; Varghese M, Jochan J, Sabu J, Varughese P A, Abraham K E	Indian Journal of Pure and Applied Physics 47, 691-695. National - CSIR	4	0.271	5	0.054
5	Effect of annealing and Mn doping on the photoluminescence of strontium tartarate crystals; Jochan J, Varghese M and Abraham K E	Journal of Luminescence, 129, 1083-87; International - Elsevier	5	1.628	3	0.542
6	Growth and spectral characterization of cobalt malonate crystals; V Mathew, J Joseph, S Jacob, Varughese PA and Abraham KE	Optoelectronics and advanced materials 2 (9) 561-565– International – SJR Romania	5	1.106	5	0.221
7	Solvent uptake and accelerated solar aging; Tomlal EJ, Jacob M, Kuruvilla J, Jayanrayan K and Thomas PC	Polymers & Polymer Composites (Accepted); International – Wiley Interscience	8	1.032	5	0.206
8	Synthesis, characterization and dielectric studies on nanocrystalline ZN Fe ₂ O ₄ synthesized via spray pyrolysis of polymer precursor; Jiss J., Vinod V, Abraham KE and Jacob M	SB Academic Review 15 (1&2) 96-101– International – SB College	5	Nil	4	Nil
9	Optical studies of Z _n XCD _{1-x} O sol-gel thin films prepared by a low cost spin coating unit; Jijoy PM and Jacob M	SB Academic Review 15 (1&2) 102- 107; International – SB College	5	Nil	2	Nil
Total			49	Impact factor of the Dept		1.408

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
1	Dr K C George	0.385	3	17
2	Dr K E Abraham	0.817	3	14
3	Dr Jacob Mathew	0.206	3	18
Total		1.408	9	49

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
	Nil	Nil	Nil

Other Achievements of the Faculty related to Research

Sl No	Name of the Faculty	Research Guidance Ph D thesis submitted/awarded	Awards or Other Recognitions	Membership Received in International organizations

Research Output of the Department of Mathematics (2009-10)

Sl No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	On the ideal graph of a commutative ring, 125. M I Jinnah and Shine C M (Accepted)	Algebras, Groups and Geometries; International – Hadronic Press, INC, USA	NA	Nil	2	Nil
Total				Total Impact Factor of Dept		

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
1	Jinnah M I & Shine C Mathew	Nil	1	(Accepted)
Total		Nil	1	NA

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
	Nil	NA	Nil

Other Achievements of the Faculty related to Research

1. Mr. Antony Mathews has submitted his Ph D thesis to the University of Kerala on 3rd August 2009

Research Output of the Department of Commerce (2009-10)

Sl No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	Women empowerment: meaning, characteristics and dimensions; Ruby JA, James D & Abraham G	Southern Economist 48 (1) 41-42; National – Bangalore	2	Nil	3	Nil
2.	Financial Inclusion; Shri Antony Joseph K	Management for You – Local – BAM College, Thuruthikadu	2	Nil	1	Nil
Total			7	Total Impact Factor of Dept		Nil

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
1	Dr James Devasia	Nil	1	2
2	Shri Antony Joseph K	Nil	1	4
Total		Nil	2	6

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
1	Dr Jacob Thomas	UGC Minor Project	54000.00
2	Dr James Devasia	UGC Minor Project	(pending allotment)

Other Achievements of the Faculty related to Research

1	Dept of Commerce is recognized as a research Centre of the MG University
2	Two teachers of the Department Dr Jacob Thomas and Dr James Devasia became Research Guides

Research Output of the Department of Management Studies (2009-10)

SI No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
	Nil	NA	NA	NA	NA	NA
Total				Total Impact Factor of Dept		

SI No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
	NA	NA	NA	Nil
Total				

Research Grants Generated during the Academic Year 2009-10

SI No	Name of the Faculty	Type of the project and agency	Amount Generated
1	Mr Babu Michael	UGC Minor Project	80000.00

Other Achievements of the Faculty related to Research

	Nil
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Research Output of the Department of Economics (2009-10)

Sl No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	Private cost of school education in Kerala under different managements; M S James	Southern Economist June 15 2009: 39-43 Indian – Sreeranga Printing & Publ. House, Banglore	4	Nil	1	Nil
2	Gender differences in leadership; Joseph S T	Review of social sciences, 10 (1) 51-65 Indian	14	Nil	1	Nil
3	Alternative to modern civilization Jose M	<i>Jeevadhara</i> , 39	8	Nil	1	Nil
Total			26	Total Impact Factor of Dept		Nil

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
1	Dr M S James	Nil	1	4
2	Dr Joseph Sebastian Thekkadam	Nil	1	14
3	Dr Jose Mathew	Nil	1	8
Total		Nil	3	26

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
	NA	NA	Nil
Other Achievements of the Faculty related to Research			
	NA		

Research Output of the Department of English Literature (2009-10)

Sl No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1						
2.						
Total				Total Impact Factor of Dept		

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
Total		Nil	2	4

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated

Other Achievements of the Faculty related to Research

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Research Output of the Department of Oriental Languages (2009-10)

Sl No	Title of Paper	Journal/National or International /Company	Total Pages	Impact factor of Journal	No of authors	Individual author's Impact factor
1	<i>Bhasha Prayogathile Vakyanthara Bandhangal.</i> (Malayalam) Joseph Scaria (2010)	In Markos V. P and Siby Motayil (Ed) <i>Bhasha Naveena Patanavazhikal</i> , Vidvan P G Nair Memorial Research Centre, UC College, Always. pp. 23-28	6	Nil	1	NA
2	<i>Colonial Rekhakalile Pazhasi Samaram</i> (Malayalam) Joseph Scaria (2009)	<i>Pachakkuthira</i> , pp.21-25	5	Nil	1	NA
3.	<i>Vyakarana Patanangal</i> , (Malayalam text book) Edited by Joseph Scaria (2010)	Dept of Malayalam, SB College. P. 120	120	Nil	1	NA
Total			131	Total Impact Factor of Dept		Nil

Sl No	Name of the author	Impact factor of the author	Number of papers	Number of Pages
1	Joseph Scaria	Nil	2 + 1 Book (Edited)	131
Total				

Research Grants Generated during the Academic Year 2009-10

Sl No	Name of the Faculty	Type of the project and agency	Amount Generated
1	A study on the reality of globalization the novels of Naseera Sharma	Major UG C Project	90,000.00

Other Achievements of the Faculty related to Research

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