



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Philosophy**.

Scientist- in - charge: **Prof. Silvia De Bianchi**

GREGORY MATHEW CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Mathew
Name	Gregory

PRESENT OCCUPATION

Appointment	Structure
Assistant Professor	Dharmaram Vidya Kshetram, Pontifical Athenaeum of Philosophy, Theology and Canon Law, Bangalore, India

EDUCATION

Ph.D	Philosophy ¹	Dharmaram Vidya Kshetram	August 2022
M.A	Philosophy	Christ University, Bangalore	2010
Ph.D	Physics ²	Cochin University of Science and Technology, Cochin-22, India	1999
M.Sc	Physics	Mahatma Gandhi University, Kottayam, India	1993
B.Sc	Physics	Mahatma Gandhi University	1991

1. **Philosophy of Science**; Dissertation Title: *Computational and Non-Computational Dimensions of Human Consciousness: A Philosophical Critique on Roger Penrose's Orch-OR Theory, Based on Recent Developments in Artificial Intelligence and Neurosciences*

2. **Solid State Physics and Instrumentation**; Dissertation Title: *Investigations on Photoconductivity and Electrical Switching in Selected Chalcogenide Semiconducting Glasses*

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

2021 December	Association for the Scientific Study of Consciousness (ASSC), assc.org
2019 October	Association of Christian Philosophers of India (ACPI)



FOREIGN LANGUAGES

Languages	level of knowledge
English	C1

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award: NIL
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TRAINING OR RESEARCH ACTIVITY

description of activity	
2020-22	Human Consciousness from the perspective of Artificial Intelligence (AI) and Neuroscience AI and ethical concerns; analytical approach
2020-21	Harmony as a model to represent the relation between Science and Religion.
2018-19	Epistemology of Religion
2018-20	Science of Consciousness and Orch-OR theory proposed by Roger Penrose; Analysis based on Quantum Gravity and collapse of Wave Function
2014-15	Environmental Pollution and ethical concerns; Analysis based on the Laws Thermodynamics
2002-05	Non-Linear Schrodinger Equation and All-optic Logic Gates; Solitons-Theoretical work and related analysis
1994-98	Photoconductivity, Electrical switching and phase transitions in Amorphous Glasses; Experimental work and preparation of materials

PATENTS

Patent	NIL
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CONGRESSES AND SEMINARS

Date	Title	Place
Presentations		
2015 24-28 Nov	'Collapse of Wave Function: A Converging Point of Quantum Interpretations and Consciousness.' International Conference on "Befriending the Other", Diamond Jubilee of Jnana-Deepa Vidyapeeth (JDV) in Pune	Pune, India
2018 9-12 Jan	'Consciousness and the Boundaries of Science: A search for Harmony between Science and Religion', Christ University Golden Jubilee International Conference "Harmony: Interface of Cosmic, Ethical and Religious Orders",	Bangalore
2019 14-16 Feb	'A Few Ontological Features of Time in Classical and Quantum Realms: A Critical Analysis to Explore the Possibilities for a Unified Theory', International Conference on "Time and Temporality in the Asian and European Modernity", English and Foreign Language University	Hyderabad, India



Participations		
2017 20-23 Jan	"The Discovery of Gravitational Waves and the Future of Religion & Society", Indian Institute of Science and Religion and JDV Centre for Science and Religion Studies	Pune
2018 8-10 Feb	"Developments in the Neurological Sciences and the New Interpretation of the Spiritual Dimension of Humans." Mumbai, St. Xavier's College, Mumbai and Indian Institute of Science and Religion	Mumbai, India
2019 21-23 Nov	"Science and Religion," jointly organized by Faraday Institute for Science and Religion, Cambridge University and Ecumenical Christian Centre	Bangalore

PUBLICATIONS

Books: NIL
Articles in reviews
<ol style="list-style-type: none">1 Mathew, G. and J. Philip. "Photoconductivity and Carrier Lifetime in In/Bi Doped Ge-Se Glasses." <i>Journal of Physics: Condensed Matter</i> 11 (1999): 5283.2 Mathew, G. and J. Philip "Characteristics of Photoconductivity in As-Sb-Se Glasses." <i>Pramana Journal of Physics</i> 53, 5 (1999): 891.3 Mathew, G. K. N Madhusoodanan and J. Philip "Characteristics of Photo Conductivity in Amorphous Ge-Sb-Se Thin Films." <i>Physica Status Solidi (a)</i> 168 (1998): 239.4 Mathew, G. and J. Philip "Characteristics of Electrical Switching in Bulk In -Te Semiconducting Glasses." <i>Indian Journal of Pure and Applied Physics</i> 36 (1998): 463.5 Mathew, G. and J. Philip "Instrumentation to Probe Photo- induced Effects in Bulk Samples." <i>Journal of Instrument Society of India</i> 27 (1997): 60.6 Mathew, Gregory. "A Thermodynamic Approach to the Kinetics of Environmental Pollution." <i>Journal of Dharma</i> 39, 3 (2014), 285-299.7 Mathew, Gregory. "Will Artificial Intelligence Replace the Human Being? A Critical Analysis of the Views of Roger Penrose And Stephen Hawking, with Theological Reflections." <i>Asian Horizons</i> 14, 3 (September 2020), 601-614.

<ol style="list-style-type: none">1. Mathew, Gregory. "The Computational and Non-Computational Dimensions of Human Consciousness: A Critique on Roger Penrose's Orch-OR Theory" in <i>Philosophizing Science: Promises, Perils and Possibilities</i>, ed. Joy A.P. Association of Christian Philosophers of India (ACPI)- Annual Series, 2020, 220-232.2. Mathew, Gregory. "The Chipko Movement and its Aftermath: A Few Reflections Based on Environmental Philosophy," in <i>Philosophies of Transformative Practice: Social Movements in India</i>, ed. Jose Malieckal. Association of Christian Philosophers of India (ACPI)- Annual Series, 2019, 187-198.3. Mathew, Gregory. "Cârâvâka as an Indian Philosophical System with Scientific Outlook: A Critical Analysis Focusing on Cârâvâka's Stance on Consciousness," in <i>Indian Hermeneutics of Suspicion</i> ed. Francis Arackal. Association of Christian Philosophers of India (ACPI) Annual Series, 2018, 85-96.4. Mathew, Gregory. "The Nation as an Evolution of Self-Consciousness: An Analysis Based on Hegelian Philosophy," in <i>Becoming a Nation: Processes and Prospects</i>, ed. Dolreich Pereira. Association of Christian Philosophers of India (ACPI) Annual series, 2017, 57-66.5. Mathew, Gregory. "Body and Consciousness: From Somatic Correlates to Causes," in <i>Philosophizing the Body: Physical, Social, Psychosomatic and Spiritual Dimensions</i>, ed. Nishant A Irudayadason. Association of Christian Philosophers of India (ACPI) Annual series, 2016, 65-73.
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OTHER RELEVANT INFORMATION

Completed asn Online Coursera Programme from Rutgers University: Analysing the Universe, in 2021

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Bangalore, 20-09-2022