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| **TO MAGNIFICO RETTORE OF UNIVERSITA’ DEGLI STUDI DI MILANO ID CODE : 5359** |
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| 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  |
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**GREGORY MATHEW**

**CURRICULUM VITAE**

PERSONAL INFORMATION

|  |  |
| --- | --- |
| Surname | Mathew |
| Name | Gregory |

PRESENT OCCUPATION

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| --- | --- |
| Appointment | Structure |
| Assistant Professor | Dharmaram Vidya Kshetram, Bangalore, India |

EDUCATION

|  |  |  |  |
| --- | --- | --- | --- |
| Ph.D | Philosophy1  | Dharmaram Vidya Ksheteram, Bangalore, India | Public Defense in August 2022 |
| M.A | Philosophy | Christ University, Bangalore | 2010 |
| Ph.D  | Physics2 | Cochin Universuty 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

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| --- | --- |
| 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

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| --- | --- |
| Year | Description of award: NIL |

TRAINING OR RESEARCH ACTIVITY

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| description of activity |

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| --- | --- |
| 2020-222020-212018-192018-202014-152002-051994-98 | Human Consciousness from the perspective of Artificial Intelligence (AI) and NeuroscienceAI and ethical concerns; analytical approach Harmony as a model to represent the relation between Science and Religion.Epistemology of ReligionScience of Consciousness and Orch-OR theory proposed by Roger Penrose; Analysis based on Quantum Gravity and collapse of Wave Function Environmental Pollution and ethical concerns; Analysis based on the Laws ThermodynamicsNon-Linear Schrodinger Equation and All-optic Logic Gates; Solitons-Theoretical work and related analysis Photoconductivity, Electrical switching and phase transitions in Amorphous Glasses; Experimental work and preparation of materials  |

PATENTS

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| Patent NIL |

CONGRESSES AND SEMINARS

|  |  |  |
| --- | --- | --- |
| Date | Title | Place |
| **Presentations** |
| 201524-28 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 |
| 20189-12 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 |
| 201914-16 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**  |
| 201720-23 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 |
| 20188-10 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 |
| 201921-23 Nov |  “Science and Religion,” jointly organized by Faraday Institute for Science and Religion, Cambridge University and Ecumenical Christian Centre  | Bangalore |

PUBLICATIONS

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| --- |
| Books: NIL |
| Articles in reviews |
|  |
| 1. Mathew, G. and J. Philip. “Photoconductivity and Carrier Lifetime in In/Bi Doped Ge-Se Glasses.” Journal of Physics: Condensed Matter 11 (1999): 5283.
2. Mathew, G. and J. Philip “Characteristics of Photoconductivity in As-Sb-Se Glasses.” Pramana Journal of Physics 53, 5 (1999): 891.
3. Mathew, G. K. N Madhusoodanan and J. Philip “Characteristics of Photo Conductivity in Amorphous Ge-Sb-Se Thin Films.” Physica Status Solidi (a) 168 (1998): 239.
4. Mathew, G. and J. Philip “Characteristics of Electrical Switching in Bulk In -Te Semiconducting Glasses.” Indian Journal of Pure and Applied Physics 36 (1998): 463.
5. Mathew, G. and J. Philip “Instrumentation to Probe Photo- induced Effects in Bulk Samples.” Journal of Instrument Society of India 27 (1997): 60.
6. Mathew, Gregory. “A Thermodynamic Approach to the Kinetics of Environmental Pollution.” Journal of Dharma 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 Relflections.” Asian Horizons 14, 3 (September 2020), 601-614. |

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| 1. Mathew, Gregory*. “*The Computational and Non-Computational Dimensions of Human Consciousness: A Critique on Roger Penrose’s Orch-OR Theory*”*  in *Philosophizing Science: Promises, Perils and Possibilities*, 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 *Philosophies of Transformative Practice: Social Movements in India,* ed. Jose Malieckal. Association of Christian Philosophers of India (ACPI)- Annual Series, 2019, 187-198.3. Mathew, Gregory*.*  “Cârvâka as an Indian Philosophical System with Scientific Outlook: A Critical Analysis Focusing on Cârvâka’s Stance on Consciousness,” in *Indian Hermeneutics of Suspicion* 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 *Becoming a Nation: Processes and Prospects,* 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 *Philosophizing the Body: Physical, Social, Psychosomatic and Spiritual Dimensions,* ed. Nishant A Irudayadason. Association of Christian Philosophers of India (ACPI) Annual series, 2016, 65-73. |

OTHER RELEVANT INFORMATION

 Completed asn Online Coursera Programme from Rutgers Universaity: 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.

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Place and date: Bangalore, 07-07-2022