PROCEEDINGS OF INTERNATIONAL CONFERENCE ON INNOVATIONS IN SCIENCE ,ENGINEERING & TECHNOLOGY

ICISET-2021

April 26, 2021

ISBN: 978-81-952622-4-3

ORGANIZED BY

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Approved by AICTE New Delhi, Affiliated to JNTU, Hyderabad)

Korremula (V),Ghatkesar(M), Medchal District-500 088

Principal
PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN
Chowdaryguda, Korremula (V),
Ghatkesar (M), Medchal Dist, T S-500088

S.NO	TITLE	AUTHOR	Page no
1.	A Look at the Future and an Open Call for Scientific Community	Dr.A.Krishnamurthy	1
2.	A Quantum Brain Version of the Quantum Bayesian Solution to the Measurement Problem	Dr.A.Krishnamurthy	2
3	Quantum-Assisted Process of Disembody Under Near-Death Conditions: An Informational-Field Support Model	Dr.Rajeev Srivasthava	3
4	Mind and Machine: Interdisciplinarity	Dr.Rajeev Srivasthava	3
5	Theory of Telepathy: an Alternative Interpretation of Psychotic Experiences and Some Tips for Recovery	P.Amulya	4
6	An Information Based Model of Consciousness Fully Explaining the Mind Normal/Paranormal Properties	Mrs.N.Vidya	4
7	Coding by Quantum Entanglement Entropy	Mrs.P.Jyothi	5
8	A Linear Approximate Model of Creativity in Quantum and Chaos Theory	Mrs.D.Anuradha	5
9.	A Physical Biology, the Electron Neutrino Mass, and the role of Quantum Mechanics in Nature	Mrs.P.Jyothi	6
10.	The Emergence of Mind as a Quantum Field Phenomenon	S.Chandrabhanu	6
11.	The Impact of Electromagnetic Field on Conditioned Reflex Memory	Mr.P.Swamy	7
12.	Hazardous Genomic Bioeffects of Home Wi-Fi Systems	P.Amulya	8

ISBN: 978-81-952622-4-3

13.	A Quantum Coherence-Recoherence-Based Model of Reality	Mr.B.Krishnamurthy	8
14.	Towards a Coherent Application of the Beck-Eccles Quantum Trigger	Mrs.B.Harika Goud	9
15.	Gates for Conversation in Microbes Technology	Mr.B.Krishnamurthy	9
16	Correlation between Risk Perception and Decision Making in Coal Mine Based on ERP Testing Technology	Mr.P.Swamy	10
17	Decoherence in a Quantum Neural Network	S.Chandrabhanu	10
18	Reliability Analysis of Driving Behaviour in Road Traffic System Considering Synchronization of Neural Activity	Dr.A.Krishnamurthy	11
19	The Driver's Steering Feel Assessment Using EEG and EMG signals	Mrs.P.Jyothi	11
20	An Image Sharing-based Solution for Secure Inpatient Medication Administration	Mr.B.Krishnamurthy	12
21	Design of Non Strobe Regenerative Sense Amplifiers for Low Power Application Using 45nm CMOS Technology	T.Kanakaiah	12
22	Detection of an Evil Twin Attack from the Client Side and the Network Administrator Side Without Additional Hardware-A Review Paper	I.Swapna	13
23	Offline Signature Verification and Classification Using Gray Level	K.Manjula	14

ISBN: 978-81-952622-4-3

	Co-Occurrence Matrix and Convolution Neural Network		
24	Worksheets on Environmental Pollution E-Student Development for Middle Schoolers to Improve Their Critical Thinking	K.Indumathi	15
25	Worksheets on Environmental Pollution E-Student Development for Middle Schoolers to Improve Their Critical Thinking	S.Vasavi	15
26	The Analytic Thinking Ability Profiles of In-Service Chemists Instructors and Their Perceptions of Analytic Chemistry Instruction	K.Yakhoob	16
27	Cognitive and Strategic Processing of EFL Students their effects to the Listening Skills of EFL Students	A.Bhagyasree	17
28	Optimal Virtual Machine Placement Algorithm for Efficient Resource Usage and Energy saving in Cloud Data Center	G.Venkatramana	18
29	Comparative Study for Machine Learning Techniques Used for Diseases Diagnosis Prediction and Analysis	K.Sony	18
30	Evaluation of Machine Learning Algorithms for Thyroid Disease Prediction	Dr.Akula .Giridhar	19
31	Design and Implementation of a Virtualization Security Technique for Cloud Computing	R.Sirisha	20
32	An Antenna For Near Field Application	N.Bhargavi	20
33	Optimal Virtual Machine Selection Algorithm for Efficient Resource Usage and Bandwidth saving in Cloud Data Center	G.Pradeep	21

ISBN: 978-81-952622-4-3

34	The Implementation of Lean Practices in Malaysian Food Manufacturers	N.Bhargavi	22
35	Scalable data exchange using robust data exchange availability tactic on MQTT protocol	G.Pradeep	23
36	Paediatric Respiratory Symptom Classification Using Modified Artificial Bee Colony Optimisation	I.Swapna	24
37	Artificial Bee Colony Algorithm performances in solving Welded Beam Design problem	Dr.Akula Giridhar	24
38	A Systematic level mapping of Mushroom Cultivation using Internet of Things (IoT)	Dr Arul Dalton	25
39	Environmental factors have an impact on how effectively university student's study	Dr.Arul Dalton	26
40	College freshman and the variables influencing their communication abilities	T.Kanakaiah	27
41	Monitoring And Numerical Modeling Of The Full Scale Experimental Embankment On Soft Douala Clays Of Cameroon	N.Pavani	28
42	The Effect Of Bottom Ash As A Material Fine Aggregate Substitution On The Strength Of Porous Concrete	M.Naresh	29
43	Analytical Study Of Construction Equipment Management System At Construction Sites	V.Sandeep	30
44	Ansys Modelling Behaviour Of The Reinforced Concrete Beam With The Effect Of Various Reinforcement Type And Concrete Strength	K.Geetha	31

ISBN: 978-81-952622-4-3

45	Tariff Sensitivity And Travel Time Planned For Passenger Transport In Balangan Regency	P.Sravanthi	32
46	Optimisation Of Used Shredded Tyres As Fine Aggregate Replacement For 15 Mpa Concrete	N.Pavani	33
47	Experimental Study Of Carbon Fiber Reinforced Polymer Laminates Retrofitted Rc Beam	N.Pavani	34
48	Study Of Rubber Aggregates In Concrete: An Experimental Investigation	M. Madhu Babu	35
49	Effect Of Addition Of Combination Of Admixtures On The Properties Of Self Compacting Concrete Subjected To Alternate Wetting And Drying	A.Rajani	36
50	Influence Of A Fine Glass Powder On Strength Of Concrete Subjected To Chloride Attack	J.Sangeetha	37
51	Modeling Of First Crack For Lightweight Palm Oil Clinker Reinforced Concrete Beams With Web Openings By Response Surface Methodology	B.Nithesh Ikshwaak	37
52	Experimental Investigations On Offshore Floating Structural Systems - Method Of Error Analysis	N.Pavani	38
53	Programming Management For	A.Rajani	39

ISBN: 978-81-952622-4-3

	Fixing Priority To Identified Transport Facility Projects Using Expert System In Salem City , Tamilnadu		
54	Modeling Of Ultimate Load For Lightweight Palm Oil Clinker Reinforced Concrete Beams With Web Openings Using Response Surface Methodology	N.Pavani	40
55	Sustainability Perceptions On Wastewater Treatment Operations In Urban Areas Of Developing World	V.Sandeep	40
56	Environmental Hazard And Disaster In Disposing Marble Slurry	N.Pavani	41
57	Application Of Green Building Concept For An Integrated Township Project- A Case Study	A.Rajani	42
58	Finite Element Analysis For Structural Response Of Rcc Cooling Tower Shell Considering Alternative Supporting Systems	N.Pavani	43
59	Concrete-Steel Composite Beams Of A Framed Structure For Enhancement In Earthquake Resistance	N.Pavani	43
60	Computation Of Buckling Strength Of Reinforced Concrete Columns By The Transfer-Matrix Method	B.Nithesh Ikshwaak	44

ISBN: 978-81-952622-4-3

61	Engineering Utilization Of Marble Slurry	M.Naresh	44
62	Research On The Effects Of Part Time Job On University Students Regarding Learning Process As Well As Daily Life	K Ananda Kumari	45
63	Development Status And Prospect Of Agricultural Production In The Asia-Pacific Region	K Ananda Kumari	45
64	A Brief Discussion On The Role Of International Law Of Value In Shenzuo Xiamen Special Economic Zone	R.Swapna	46
65	Equipment Investment Trends Of Japanese Companies After The Appreciation Of The Yen	R.Swapna	46
66	Research On The Current Import Substitution And Export Substitution Models In My Country	R.Swapna	47
67	The Motivation And Characteristics Of The Third Industrial Structure Adjustment In South Korea	Naga Raju	47
68	Review And Prospect Of International Monetary System Reform In The First Lecture Of International Finance	Naga Raju	48
69	Utilization Of Foreign Capital First Talk About Understanding The World In Light Of National Conditions, Actively And Steadily Utilizing Foreign Capital	Bollaram Divya	48
70	The Role Of Cultural Factors In Japanese Technology Transfer	Bollaram Divya	49
71	Economic Consolidation And Economic Development Prospects Of Asia-Pacific Countries	Naredla Sowjanya	49
72	The New Stage Of Overseas Direct Investment Of Japanese Automobile Industry And My Country's Countermeasures	Gogulothu Anitha	50

ISBN: 978-81-952622-4-3

73	Some Features And Prospects Of South Korea's Economic Management In The 1980s	Murugani Sushma	50
74	Asia Pacific Economy And Peer-To-Peer Trade	Vanga Anusha	51
75	Some Features And Prospects Of South Korea's Economic Management In The 1980s	Yedla Ramadevi	51
76	A Comparative Analysis Of The Road Of Land Scale Management In South Korea, Japan And Taiwan	Muddagoni Gouthami	52
77	Law On Sino-Foreign Equity Jointventuresand operativeforeign Investment Enterprises (While)	Pathi Ram Prasad	52
78	India's Tax Policy To Attract Foreign Investment	Ganapuram Uma Rani	53
79	Thinking On The Countermeasures For Developing My Country's Enterprises' Transnational Operation	Pudari Balaraju	53
80	Perspective And Countermeasures Of The Problems Of Three-Funded Enterprises In Guangzhou	Malavath Meenakshi	54

ISBN: 978-81-952622-4-3

1. A Look at the Future and an Open Call FOR Scientific Community

Dr.A.Krishnamurthy

Princeton Institute of Engineering & Technology for women

Abstract

What we call science is the systematization of information obtained from nature. Nature has had its own laws from the beginning. Some of these laws are easy to express, while others stretch our understanding and even our sense of logic. Our efforts to understand nature and its workings, that is our production of scientific knowledge, will never end. We may never truly understand the workings of nature, or get close to the real truth. Therefore, it is ridiculous to behave as if we knew all of the workings of nature and to say "this is not scientific; it is in conflict with the (known) laws of science". The clearest example of this is when we see the workings of quantum physics in biological structures. When nature is working, it does not know the laws of our science and doesn't even take notice of them. Nature even sometimes winks at us with "anomalies". We learn from nature but we cannot impose on nature the laws we have learned from it. Each theory set out in this article has its own acceptable points and deficiencies. Whatever our beliefs, theoretical ideas must be supported, and proof derived from experiment must be taken into account, with proof being strengthened by the same experimental method. If necessary, we must be brave enough to rewrite the physics textbooks. When Copernicus provided the proof that Man was not at the centre of the universe, the feeling that people were not privileged but just normal beings created great disillusion. Therefore, adding consciousness as a part of the solution to the measurement problem in quantum mechanics, as part of the approach which places humans back in a privileged position at the centre of the universe, is in conflict with these principles. Quite the opposite, the observer or experimenter, who is in such a privileged position, has set himself up as separate from the rest of the universe (the experimental apparatus, or what is outside us). The paradox is that if it is proved that we are participants in the universe, we will lose our last bastion of privilege, our position as experimenter, observer, or watcher. Such a proof would be the biggest revolution after Copernicus, and Darwin's theory of evolution. Entanglement and non-locality in quantum mechanics and the entwinement of light and gravity in physics are proven but difficult-to believe realities. In contrast, scientific physics journals and their archives publish hundreds of experimentally unsupported and completely theoretical articles on subjects which look more like science fiction. Among these are the Mtheory, D-brane, wormholes, string theory, tachyons, superluminal communication, and the theory of everything. These are thought by many physicists to be within the scope of physical science, or at least are not greeted with antagonism. Involving consciousness in the experimental apparatus and researching that relationship is no more unnecessary than physical research in those border areas. Another approach is that there is no necessity for people to be involved in quantum mechanics. Mathematical symbols denote the state vector or wave function, and there is no pace for metaphysics. The mathematical equations of quantum mechanics give us its

ISBN: 978-81-952622-4-3

measurements of potentiality, and potential measurements give potential results. That's all there is, and the rest is metaphysics. The approach that if one-day humanity disappears, quantum mechanics will continue to operate its own laws is not scientific, but includes emotional attitudes. If equations are not a reflection of the physical world, we need to search for new equations. The operation of nature is not forced to conform to the laws of science, and moreover nature has never heard of science. Scientists have reduced the operation of nature to a simple form in order to understand it, and never produce scientific knowledge which reflects the actual truth. If nature under certain circumstances shows "abnormality" and ignores the laws which we have set up, we must be able to express that in scientific language. We cannot just bin an anomaly which has the potential to cause a revolution in our understanding of nature because it did not fit our scientific laws and equations, or because we could not find a valid law. The existence of the graviton and the neutrino has been unquestionably accepted: there is direct evidence of their existence, but they have never been directly detected. No one doubts the existence of the omega minus particle, which has been detected twice in 200000 experiments. Against this, even if cases of parapsychology are rare, they appear much more frequently than the omega minus particle. In medicine, presentations of one-in-a-million cases are frequently made. However much a case with exceptional characteristics shows extreme deviation from the normal, it will be used to add to scientific knowledge. There are many cases which show that the consciousness or mind which is imprisoned inside the skull can in ce

2. A Quantum Brain Version of the Quantum Bayesian Solution to the Measurement Problem

Dr.A.Krishnamurthy

Princeton Institute of Engineering & Technology for women

Abstract

Quantum Bayesianism makes conventional assumptions about conscious experience and the world, which are "deconstructed" here. Conscious experience is succeeded by Heideggerian Existenz as world-thrownness. But unlike Heidegger, Existenz is conceived as a monadological dis-closure in the other-tuned, self-tuned and pasttuned "between" of the quantum thermo field brain's dual mode vacuum state. The wave function is identified with Bayesian expectation conceived as the brain's "self-tuning" capability subject to informative modification. Physical reality is never worldly but quantum at all scales. Worlds are disclosed only in monadological parallel in the quantum brain's tuned between. This version of Quantum Bayesianism offers a novel solution to the measurement problem.

ISBN: 978-81-952622-4-3

3. Quantum-Assisted Process of Disembody Under Near-Death Conditions: An Informational-Field Support Model

Dr.Rajeev Srivasthava

Princeton Institute of Engineering & Technology for women

Abstract

Following the evolution of the concept of information as one of the fundamental components of the universe and analysing the last discoveries of the quantum physics, it is defined the informational (mass free) field of the matter. On this basis and taking into account the informational nature of the mind activity, it is defined an info-creational based model monitoring the human body, associated/connected to matter/antimatter binary system of the universe, allowing to show that the near-death experiences like disembody of information from the non-living matter (brain), time retrovision back to the infancy, peace, detachment and absorbing tube, could be deduced as consequences of such a system, explaining them in its specific terms.

4. Mind and Machine: Interdisciplinarity

Dr.Rajeev Srivasthava

Princeton Institute of Engineering & Technology for women

Abstract

As the world becomes more sophisticated and socio-economically complex, interdisciplinarity (collaboration among two or more disciplines) has become ever more important. In particular, in the field of education, interdisciplinarity is known to enhance creativity and the capacity of people to work together. However, some drawbacks, such as the lack of solid expertise in one specific discipline, have also been exposed. A simple and efficient way of implementing an interdisciplinary study is reported to be one that combines areas that are computable (i.e., science and engineering) and non-computable (i.e., emotions or abstractions often found in the arts and humanities). This approach has been verified in studies conducted in the last four years on mostly first- and second-year undergraduate students with different majors, with close to 1,000 participants, and has successfully shown to yield diverse mixing between different disciplines, with approximately 300 different outcomes. This particular approach to interdisciplinarity is easy and simple to implement, yields different interconnections among various disciplines, exhibits clear measures of success, and can be done along with expertise training in a traditional field.

ISBN: 978-81-952622-4-3