

ANNEXURE-I (U)

REPORT

Paper Presentation in International Conference on Applied Mathematics and Computer Science, Rome, Italy, January 27-29, 2017 (ICAMCS 2017)

Three days International conference on Applied Mathematics and Computer Science held at Rome, Italy during 27th – 29th January, 2017 which aimed to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in Mathematical Methods and Computational Techniques as well as their applications in various sciences and allied fields of one of the mother branch of engineering i.e. Computer Science & Engineering. More than 150 delegates all over the globe participated in the conference and delivered around 80 research papers on their research innovations. The scope of the ICAMCS Conference, 2017 was to innovate in fields of Topics in Applied Mathematics which included Linear Algebra, Numerical Analysis, Probability and Statistics, Stochastic Analysis, Calculus of Variations, Applied Functional Analysis, Differential Geometry, Applied Topology etc and Topics in Computer Science namely Algorithms and Theory of Computation, Artificial Intelligence, Automata and Formal Language Theory Graphics, Computer Networking, Computer Vision, Computer Science Education, Databases, Information Retrieval and Data Mining etc were also encircled. The conference panel constituted of delegates like Marek Vajgl, Alena Lukasova, Martin Zacek who talked about knowledge bases built on Web Languages from the point of view of Predicate Logics, Weiwei Gong who presented the methodology of A Survey of SAT Solver. Research Methodology on Rerouting Algorithm Solving the Air Traffic Congestion was presented by Ludovica Adacher.

The Conference slot in which I was a presenter was based on Solution of Practical Problems with Algorithm in which the topic was "Segmentation of Retinal Blood Vessels Using Artificial Neural Networks for Early Detection of Diabetic Retinopathy." Other delegates from this slot also discussed similar topics like Implementation of Infants Risk Detection Sensing System Using IoT , Multicopter Control with Navio Using Rex Control System etc. The conference chairman appreciated me for my presentation and discussed with me for future scopes of the presented topic after the conference. Prof. Klimis Ntalianis(Editor),University of Applied Science, Athens, Greece was highly impressed with my topics of presentation and as a token he would invite me further for upcoming conferences and guest lectures. The plenary lecture was delivered by Prof. Paul Allin, Imerial College London, UK who discussed on Official Statics and the Politics of Sustainable Development.

I was presented a certificate of Appreciation for presenting an invited lecture and a certificate for charing a session which was a proud moment for me. Once returned from the conference I shared the methodology with the faculty of IT Department in a way of presentation. I discussed the points of conference with my PG & PhD students who are further doing research in the presented

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topic. The pre-recorded experience was broadcasted on 90.8 MHz FM Community Radio Station of GNDEC, Ludhiana that would enable the listeners to progress their work of research in these topics. Dr. M.S Saini, Director GNDEC congratulated me on an invited lecture and successful participation in the conference.



Dr. Kulwinder Singh Mann

Professor and Head (IT)

GNDEC, Ludhiana.