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| Page 1  Include AICTE Logo,  KEC logo | **AICTE SPONSORED** **International conference on Recent Trends and Challenges in Healthcare Informatics (RCHI- 2019)**  **12.12.2019 & 13.12.2019**  Organized by  Department of Computer Applications  Kongu Engineering College  Tamilnadu, India  <http://rchi2019.kongu.edu> |
| 2 | **ABOUT THE COLLEGE**  Kongu Engineering College (KEC) was established in 1984, approved by AICTE, New Delhi, accredited by NAAC for 5 years with the grade of “A” and an autonomous institution affiliated to Anna University Chennai, has completed 34 years of dedicated and excellent service in the field of technical education. The college offers 14 UG, 19 PG and 16 research programmes in Engineering, Applied Sciences and Management imparting high quality value-added education in India.. The college has got NBA accreditation for UG programmes, Best Engineering College award, Best Principal award twice. The institution is ranked high among the Engineering Institutions in India by various surveys conducted by reputed magazines/ journals/ organization. Ranked 2nd Position in Tamilnadu and 26th position in India among Engineering Institutes in India (including IITs and NITs) by CSR Magazine. Ranked 1st Position in Tamilnadu and 39th position at all India level by “Outlook” magazine, 3rd Position in Tamilnadu and 32nd Position in private Engineering colleges in India by “The Week” magazine. The institution has established a Technology Business Incubator (TBI) supported by Department of Science and Technology, Goverment of India in its campus.TBI@KEC has won the National Award, for the Best TBI in India, presented by President of India on Technology Day in New Delhi on 11th May, 2013. |
| 3 | OBJECTIVE OF THE CONFERENCE  The conference focuses on health informatics and related social and ethical implications. At the conference, researchers, practitioners, developers, and users will come together to explore and disseminate new ideas and results, as well as exchange techniques, tools and experience. The Conference will be a platform to focus on the core technological developments related to health care in the fields like Cloud Computing, Medical IoT, Data Analytics, Image Processing, Assistive Technology etc and it attracts many local and international delegates, presenting a balanced mixture of intellects from all over the world. |
| 4 | **Papers are Invited in the following areas of interest, but not limited to:**  Artificial Intelligence, Machine learning & Deep learning  Assistive Technologies, Home Monitoring  Biomedical Data Mining  Biomedical Instrumentation and Electrical Stimulation  Biomedical Sensors  Biomedical Signal Processing  Block chain and Emerging Technology  Cloud computing and Bigdata for Healthcare  Computer Aided Detection and Diagnosis  Diagnostic Devices  Edge and Fog Computing for Medical System and Applications  eHealth Applications  Health Monitoring Devices  Healthcare Communication Networks  ICT, Ageing and Disability  Imaging and Visualization Devices  Intelligent and Information Systems  IoT and Smart Sensor Networking  Knowledge Discovery & Decision Support System in Health Informatics  Medical Image Data Mining  Mobile Health & Sensor Applications  Modeling, Simulation, and Optimization of Biological Systems  Patient portal  Privacy and Security in Healthcare Data  Virtual Reality and Human-Computer Interaction  Wearable Healthcare Devices |
| 5 | **PAPER SUBMISSION GUIDELINES**  Authors are requested to submit the full paper to the following mail id rchimca19@gmail.com. The paper submitted will be peer reviewed and evaluated based on the originality, research content and relevance to the conference. One copy of the full paper should be submitted through the email as per the following format.  Title page: Title, Author names, affiliation, mail id  Format: IEEE Standard, single column format in A4 sheets limited to 6 pages only.  Font : Times New Roman, 12(Size) with 1.5 line spacing |
| 6 | **Publication Details**  The accepted papers will be published in conference proceedings with ISSN and all extended papers can be considered for the publication in SCOPUS/ Anna University Annexure-I journals based on the authors concern with additional charges.  Journal List  International Journal of Recent Technology and Engineering (Scopus)  Link : <https://www.ijrte.org/>  ISSN : 2277-3878  Special issue “ Internet of Things for Healthcare” in Int. J. of Society Systems Science (Inderscience)  ISSn : 1756-2511  Link : <https://www.inderscience.com/jhome.php?jcode=ijsss>  EAI Endorsed Transactions on Cloud Systems (Free)  **ISSN:**2410-6895 |
| 7 | Registration Details   |  |  |  | | --- | --- | --- | | Category | Indian Authors (in Rs) | Foreign Authors  (in USD) | | Faculty & Academician | 2500 | 100 | | Industry delegates | 3000 | 150 | | Research scholars | 2000 | 100 | | UG & PG Students | 1000 | 75 | | Poster Presentation | 1500 | -- | | Listener | 500 | -- | |
| 8 | **Important Dates**   |  |  | | --- | --- | | Last date for submission of full paper | 05.09.2019 | | Confirmation of acceptance | 03.10.2019 | | Final submission of accepted paper | 17.10.2019 | | Last date for registration | 31.10.2019 |   SKYPE Presentation is acceptable for Foreign and other state authors. |
| 9 | **Organizing Committee**  **Chief Patrons:**  Thiru.P.Sathiyamoorthy, Secretary, KVITT  Thiru.A.Venkatachalam, Correspondent, KEC  **Patron:**  Prof. S.Kuppuswami, Principal, KEC  **Conference Chair**  Dr. A.Tamilarasi, Professor& Head/CA, KEC  Dr.S.Shanthi, AP(SLG)/CA, KEC  Ms. M.Pyingkodi, AP/CA,KEC  **Coordination and Review Committee**  Dr. P.Balasubramanie Professor & Head, CT-PG, KEC  Dr.P.A.Selvaraj, AP(SLG)/CA, KEC  Dr.T.M.Saravanan, AP/CA, KEC  Dr.M.Jagadeesan, AP/CA, KEC  Dr.D.Sivabalaselvamani, AP/CA, KEC  **Event Coordinators**  Mr.L.Rahunathan, AP/CA, KEC  Ms.T.Kavitha, AP/CA, KEC  Ms.S.Hemalatha, AP/CA, KEC  Ms.K.Nanthini, AP/CA, KEC  Mr.A.S.Harishankher, AP/CA, KEC  Mr.A.Raja, AP/CA, KEC  Ms.K.Chitra, AP/CA, KEC |
| 10 | **Technical Advisory Board**  Dr. Mazlina Abdul Majid, Universiti Malaysia Pahang, Malaysia  Dr. Mariofana Milanova, University of Arkansas, USA  Dr. Kannan Ramakrishnan, Multimedia University, Malaysia  Dr. Fedrin Joe, Thai Nichi Institute of Technology, Thailand  Dr. Xiaohui Yuan, University of North Texas, USA  Dr. Ramaswamy Palaniappan, University of Kent, UK  Dr. Abdel-Badeeh M. Salem, Shams University, EGYPT  Dr. Kamil Dimililer, Innovation and Information Technologies Centre, Turkey  Mr. Kumararaja Perisamy, United Nations Federal Credit Union, USA  Dr. Balamurugan Easwaran, University of Africa, Nigeria  Dr. Seyed Hossein Mousavinezhrd, Idaho State University, USA  Dr. Jafreezal Jaafar, Universiti Teknologi PETRONAS, Malaysia  Dr. T. Karthikeyan,SALALAH College of Technology, Oman  Dr. Jay Manikandan, 10X Genomics, CA  Mr. R. Sivaraj, Amazon LLC, Western Australia  Dr. Kumar Rajamani, Robert Bosch Engineering and Business Solutions, Karnataka  **Dr. P. Venkatesan, Scientist F (Retried), ICMR, Chennai**  Mr. Sivanandham Perumalsamy, Sirius Computer Solutions, Chennai, India  Dr. Rajesh Kumar Sinha, School of Allied Health Sciences, Karnataka, India  Dr. S. Shenbaga Devi, Centre for Medical Electronics, Anna University, Chennai  Dr. K. Thangavel, Periyar University, Tamilnadu, India  Dr. N. Jeyakumar, Bharathiar University, Tamilnadu, India  Dr. P. Shanmugavadivu, The Gandhigram Rural Institute, Tamilnadu, India  Prof. Rev. Dr. Andrews Samraj, ASTRC, Mahendra Engineering College, India  Dr. V.Vijayakumar, VIT Chennai, Tamilnadu, India  Ms. A. Ambalatharasi, HCL Technologies, Chennai  Dr. K. R. Rammohan, MGM Healthcare, Chennai  DR. N. SREEKUMARAN NAIR  Dr. P.Balasubramanie, Professor & Head, CT-PG, KEC |
| 11 | **Keynote Speakers**  DR MAZLINA ABDUL MAJID is currently as Professor, at Faculty of Computer Systems & Software Engineering at Universiti Malaysia Pahang (UMP), Malaysia.She received her PHD in Computer Science from University of Nottingham, UK. She published more than 100 publications in books, journals and conference proceedings.  Dr. P. Venkatesan, Scientist F (Retried), ICMR, Chennai  **Expected Speakers:**  Leading International Scientists, Researchers and Professors from Singapore and South Africa are expected to present their findings. Experts from various NITs, IITs, ICMR labs, Central and state Universities, and industries are expected to deliver keynote and invited lectures in the conference |
| 12 | **Workshop**  **Pre -Conference Workshop**  Medical Imaging  Internet of Things  Deep learning |
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| 13 | **Contact Details:**  **Dr. S.SHANTHI**  **Assistant Professor (SLG)**  **Ms. M.PYINGKODI**  **Assistant professor**  **Department of Computer Applications**  **Kongu Engineering College**  **Perundurai, Erode, Tamil Nadu, India**  **Mobile: 9942911551, 9943114104**  **Mail:** [**rchimca19@gmail.com**](mailto:rchimca19@gmail.com) |

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