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Program Schedule

Day 1: December 15, 2015 (Tuesday)

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Information and Knowledge Management

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2	A Practical Way to Integrate Simulation based on SCOR Model (Paper Id: 88)	Napaporn Reeveerakul	9-13
3	Serious Game to Motivate the Knowledge Sharing among Knowledge Technicians in Machinery Relocation of Foreign Direct Investment (Paper Id: 97)	Piang-Or Loahavilai, Nopasit Chakpitak, Pradorn Sureephong and Keshav Dahal	14-20
4	Structuring Knowledge Model on 4 P's Marketing Mix Concept of Chinese Tourism Management for Entrepreneurs Using Knowledge Engineering (Paper Id: 35)	Jirawit Yanchinda, Arunotai Pongwat and Korawan Sangkakorn	N/A

Session 1B

Security and Encryption

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1	Preserving Privacy in Social Network Graph with Kanonymize Degree Sequence Generation (Paper Id: 38)	Mrs.Munmun Bhattacharya and Papri Mani	29-35
2	Visual Cryptography using Image Pixel Transparency with Cover Image (Paper Id: 98)	Dipesh Shrestha and Sanjeeb Prasad Panday	36-39
3	Color Image Steganography Technique Using Daubechies Discrete Wavelet Transform (Paper Id: 48)	Ajaya Shrestha and Arun Timalsina	40-46

Session 2A

Intelligent models and systems

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2	Modelling of tumour-induced angiogenesis with regress by immune factor (Paper Id: 19)	Wei Chen, Ling Shao and Li Zhang	53-58
3	Towards Realizing the Smart Product Traceability System (Paper Id: 111)	Dharmendra Mishra and Aicha SeklouliSekhari	N/A
4	A Cyber-Physical model for platoon system (Paper Id: 89)	Madeleine El-Zaher, Baudouin Dafflon and Franck Gechter	64-71

Session 2B

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2	Performance Analysis of Various Optimization Techniques for Elliptic Curve Cryptosystems on Resource-Constrained Devices (Paper Id: 49)	Jagdish Bhatta and Lok Prakash Pandey	80-86
3	Implementation of Branchless Banking in Nepal: Challenges in Distributing Social Security Cash Transfer (Paper Id: 117)	Mahesh Maharjan and Subarna Shakya	N/A
4	Automatic Nepali Number Plate Recognition with Support Vector Machines (Paper Id: 45)	Ashok Kumar Pant, Prashnna Kumar Gyawali and Shailesh Acharya	N/A
5	Human Action Invarianceness for Human Action Recognition (Paper Id: 39)	Nilam Nur Amir Sjarif and Siti Mariyam Shamsuddin	100-106

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Intelligence and Informatics

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2	A Word Sense Disambiguation Method for Feature Level Sentiment Analysis (Paper Id: 118)	Umar Farooq, Tej Prasad Dhamala, Yacine Ouzrout, Syed Akhter Hossain and Antoine Nongaillard	113-120
3	Deep Learning Based Large Scale Handwritten Devnagari Character Recognition (Paper Id: 52)	Shailesh Acharya, Ashok Kumar Pant and Prashnna Kumar Gyawali	121-126
4	A Systematic Mapping Study on Assitive Technologies for People with Dementia (Paper Id: 119)	Ikram Asghar, S. Cang and H. Yu	127-134

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2	On the Study of Wireless Signal Noise for Designing Network Infrastructure of Knowledge Management Systems (Paper Id: 25)	Chunbo Luo, Pablo Casaseca-De-La-Higuera, Xinheng Wang, Keshav Dahal, Cheng Jin and Peng Ren	143-150
3	Localization techniques in Wireless Sensor Networks (Paper Id: 95)	Sonia Shahzadi, Muddesar Iqbal and Xinheng Wang	N/A
4	Performance Analysis of Spatial and Transform Filters for Efficient Image Noise Reduction (Paper Id: 13)	Ajay Kumar Shrestha, Santosh Paudel, Pradip Singh Maharjan and Rameshwar Rijal	N/A

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Session 4A

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2	The Effect of the Time Unit on Software Development Effort Estimates (Paper Id: 2)	Magne Jørgensen	178-182
3	Effort Estimation Practices in Software Companies in Nepal (Paper Id: 61)	Ritesh Man Tamrakar	N/A
4	Analytical Study of Aspect Oriented Programming in Java (Paper Id: 6)	Rabindra Bista, Loojah Bajracharya, Deepyoranjan Dongol, Purushottam Kharel and Santosh Khanal	N/A

Session 4B

Disaster management and Resilience

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1	Smart ICT Infrastructures for Disaster Management and Resilience" chairs has invited Prof Webersik (Invited Talk)	Prof Christian Webersik, University of Agder (UiA)	
2	Comparison Between Single And Multiple Degrees Of Freedom Systems For The Seismic Response Estimation Of Composite Structures (Paper Id: 110)	Dionisios Serras, George Hatzigeorgiou, Rameshwar Rijal and Tasos Dagiuklas	N/A
3	Collaborative Crosschecking System of Observed Loss Estimation for Disaster Relief Management (Paper Id: 99)	Sirinrat Khwanpheng, Roungsan Chaisricharoen, Punnarumol Temdee and M.A. Hossian	208-212
4	Scheduling Algorithms of Wireless Mesh Networks For Applications In Disaster Management: A Survey (Paper Id: 24)	Samia Razzaq, Muddesar Iqbal, Sara Sarwar Mir and Xingheng Wang	N/A
5	EMYNOS: A Next Generation Emergency Communication Platform for people with disabilities (Paper Id: 103)	Foteini Andriopoulou, Ilias Politis, Asimakis Lykourgiotis, Tasos Dagiuklas and Yacine Rebahi	224-231

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2	Reliability Constrained Smart Home Management with Renewable Energy (Paper Id: 44)	Ryan Jansen and Rajesh Karki	N/A
3	Improved Active Power Sharing Strategy for ELC Controlled Synchronous Generator Based Islanded Micro Grid Application (Paper Id: 46)	Bikram Poudel and Netra Gyawali	245-249
4	Control of PMSG Based Wind Turbines For Renewables Based DC Distribution (Paper Id: 55)	Hari Prasad Rimal, Morris Brenna, Nava Raj Karki and Ajit Kumar Verma	250-256
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2	Enhancing knowledge management practices among employees through high quality leader member exchange, mediating role of employee job satisfaction, and retention (Paper Id: 121)	Saqib Shamim, S. Cang and H. Yu	N/A
3	Cloud Technology in Higher Education: A Review (Paper Id: 57)	Amrita Rai and Manoj Shakya	N/A
4	Use of ICT in Classrooms in Nepal; A study of Student-Centered Learning using ICT (Paper Id: 107)	Pramesh Vaidya, Sixit Bhatta, Ayush Subedi and David Kansakar	N/A
5	Challenges and Factors affecting E-Governance practices in Nepal (Paper Id: 1)	Deepanjal Shrestha, Bidur Devkota and Seung Ryul Jeong	N/A

Session 6A

Information and Knowledge Management

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2	Managing the Knowledge for Chinese Tourists: the Destination of Thailand (Paper Id: 122)	Fu Jing	N/A
3	Assessing Job Positions of Software Engineering Field from Personality Traits (Paper Id: 40)	Vipaporn Chaiwon, Chartchai Doungsa-Ard and Tisinee Surapunt	N/A
4	Communication, cooperation and knowledge management for the design and operation of innovative logistics clusters (Paper Id: 87)	Hans-Dietrich Haasis and Irina Dovbischuk	N/A

Session 6B

Network and Web Technology

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2	A Holistic Simulation Model for Remote Patient Monitoring Systems Using Wireless Body Area Sensor Networks (WBASNs) (Paper Id: 120)	Muhammad Sajjad Akbar, Hongian Yu and Shuang Cang	329-333
3	Load Balancing in High Traffic Web Server in Cloud (Paper Id: 56)	Sameer Tamrakar, Anand Singh and Manoj Shakya	N/A
4	A Bidding System For Star Craft II Planning Agents (Paper Id: 91)	Johannes Maucher, Keshav Dahal and Daniel Livingstone	N/A

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2	Network Access Control using Software Based Firewall System (Paper Id: 106)	Pavan Poudel	N/A
3	An Enhanced Social Media-Based Model for Disaster Risk Management (Paper Id: 77)	Mohammed Zuhair Al-Taie, Siti Mariyam Shamsuddin and Shafaatunnur Hasan	N/A
4	Coordination of Transmission and Distribution system expansion for resource maximization case of Power system in Nepal (Paper Id: 102)	Rohini Paudel and Netra Gyawali	N/A
5	Design of a pack of supercapacitor for mobility propulsion purposes (Paper Id: 109)	Hamed Yahoui, Lea Chancelier and Nicolas Siauve	N/A

Poster Session - Day 2

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2	A Survey on Java Virtual Machines for Wireless Sensor Networks(WBASNs) (Paper Id: 5)	Rabindra Bista and Sapan Aryal	N/A
3	Sufficiency Economy Philosophy for Unskilled Labor's Reverse Migration(Paper Id: 60)	Sirikorn Santirojanakul and Poj Paniangvait	N/A
4	Evacuee Information System on Lessons from the Great East Japan Earthquake (WBASNs) (Paper Id: 28)	Hiroshi Oguma, Atsushi Koizumi, Souta Matsuura, Yuta Kawada, Suguru Kameda and Noriharu Suematsu	N/A