



Doctoral Conference (DocCon - 2016)

(A Pre Event to ICTCS 2016)



March 3, 2016 (Co-located with ICTCS 2016, Udaipur, INDIA)

DOCTORAL CONFERENCE RESEARCH SESSIONS TECHNICAL SCHEDULE

DOCTORAL CONFERENCE RESEARCH SESSIONS (02:00 PM – 04:30 PM)

DOCTORAL CONFERENCE RESEARCH SESSION 1A

ROOM NO. 11, GROUND FLOOR, DEPT OF COMPUTER SCIENCE, JRNRVU

DOCTORAL SESSION CHAIRS

PROF. H R VISHWAKARMA

PROFESSOR, VIT, VELLORE

SHRI SAURABH CHAMOTRA

SENIOR ENGINEER, CYBER SECURITY TECHNOLOGY DIVISION, CDAC MOHALI, INDIA

RESEARCH PROPOSALS

2 CHINTAN BHATT

BIG DATA ANALYTICS

3 PANKAJ AGARKAR AND SASHANG JOSHI

INNOVATION FOR DESCRIPTION MAPPING DATABASE MATCHING NAME DOMAIN IN SOCIAL NETWORK CONTEXT USING SDLC MODEL

5 BHARAT SINGH DEORA

TRENDS AND IMPACTS OF E-LEARNING

6 DR. HARDIK GOHEL

FRAMEWORK FOR SURVEILLANCE OF INSTANT MESSAGES IN INSTANT MESSENGERS AND SOCIAL NETWORKING SITES USING BIG DATA MINING AND ONTOLOGY

7 DR. HARDIK GOHEL AND DR. PRIYANKA SHARMA

DESIGN & DEVELOPMENT OF ENHANCED SOCIAL MEDIA SECURITY ARCHITECTURAL FRAMEWORK FOR VULNERABILITY SCANNING OF USER PROFILE

8 SUNIL KUMAR AND JAYANT SHEKHAR

DESIGN OF A DATA SECURITY ALGORITHM FOR CLOUD COMPUTING

9 DR. SUDHEER REDDY K

WEB INFORMATION SIFT – AN EFFECTIVE APPROACH TO IDENTIFY BEHAVIORAL PATTERNS FOR BUSINESS INTELLIGENCE

10 DINESHKUMAR VAGHELA, DR. PRIYANKA SHARMA AND DR. KALPDRUM PASSI

DYNAMIC AND SCALABLE DATA MINING WITH AN INCREMENTAL DECISION TREES MERGING APPROACH FOR DISTRIBUTED ENVIRONMENT

- 11 VARAPRASAD RAO M AND VISHNU VARDHAN B**
A MIXED APPROACH FOR GIST GENERATION OF HINDI NEWS ARTICLE
- 12 ASHUTOSH TRIPATHI**
SOFT COMPUTING BASED PREDICTIVE PACKET RECEPTION PROTOCOL (PPRP) FOR WIRELESS SENSOR NETWORKS
- 13 SARITA AGRAWAL**
DETECTION OF NODE CAPTURE ATTACK IN WIRELESS SENSOR NETWORKS
- 14 RAJITHA NATTI**
SECURE RECONFIGURABLE CRYPTOPROCESSOR
- 15 PREETI THAKUR**
A SIMPLIFIED APPROACH TO SECURE VIRTUAL MACHINE IMAGE IN CLOUD ENVIRONMENT
- 16 BASAVARAJ PATIL**
SECURED TRAFFIC MONITORING SYSTEM FOR WIRELESS MULTIMEDIA SENSOR NETWORKS (WMSN)
- 17 CHANDRESH CHHATLANI**
CYBER CRIME AWARENESS SURVEY
- 18 PRASANTH RAO ADIRAJU**
ADAPTIVE FRAMEWORK FOR TASK SCHEDULING IN REAL TIME SYSTEMS
- 19 BASAVARAJ GOUDANAVAR AND SIDDU ALGUR**
MULTIMEDIA CLASSIFICATION AND ANALYSIS OF WEB MULTIMEDIA DATA: A METADATA BASED APPROACH
- 20 ANKITA KANOJIYA AND DR. VIRAL NAGORI**
DECISION SUPPORT SYSTEM PROTOTYPE FOR SELECTION OF EFFECTIVE PEDAGOGY AND MEASURING EFFECTIVENESS
- 21 PRASHANT BHAT AND SIDDU P ALGUR**
DISCOVERING KNOWLEDGE FROM WEB VIDEOS: META-OBJECT BASED APPROACH
- 22 MERUGU GOPICHAND**
LAYERED SOFTWARE MODELS FOR IDENTIFICATION AND REFINEMENT OF PERFORMANCE REQUIREMENTS
- 23 K.S. SADASIVA RAO AND DR A DAMODARAM**
IMPROVED COLOR IMAGE STEGANOGRAPHIC TECHNIQUE IN TRANSFORM DOMAIN
- 24 RASHID SHEIKH AND DURGESH KUMAR MISHRA**
DESIGN OF SECURE MULTIPARTY COMPUTATION PROTOCOLS FOR PRESERVING PRIVACY
- 25 SURESH SHARMA AND DR. PANKAJ GANDHI**
STUDY ON IMPACT OF LEAN MANUFACTURING PRACTICES ON PERFORMANCE AND GROWTH OF MANUFACTURING ORGANIZATIONS
- 26 KAMLESH MAKVANA, JAY PATEL, PARTH SHAH AND AMIT THAKKAR**
AN APPROACH TO IDENTIFY SEMANTIC RELATIONS BETWEEN USER'S QUERIES IN TEXT RETRIEVAL
- 27 ANIL GUPTA AND DR DURGESH KUMAR MISHRA**
DESIGN OF NOVEL STRATEGY TO PROVIDE SECURITY IN CLOUD COMPUTING

28 **RASHMI S AND HANUMANTHAPPA M**

“HMM-POS: A CORPUS BASED APPROACH TO SCALE THE ACCURACY”, HOW DIFFERENT IS THIS POS TAGGER?

29 **PRANAY CHAUHAN AND PRATOSH BANSAL**

ENHANCING SECURITY IN CLOUD FORENSIC FRAMEWORK

30 **PRASHANT LAKKADWALA AND DR. PRIYESH KANUNGO**

MEMORY UTILIZATION TECHNIQUES FOR EFFECTIVE SCHEDULING IN CLOUD COMPUTING

*How do you see your research (both process and outcomes)
makes a difference to your communities!!*

DOCTORAL CONFERENCE RESEARCH SESSION 1B
ROOM NO. 12, GROUND FLOOR, DEPT OF COMPUTER SCIENCE, JRNRVU
DOCTORAL SESSION CHAIRS

PROF. D P KOTHARI

FELLOW IEEE AND DIRECTOR - RESEARCH GAIKWAD-PATIL GROUP OF INSTITUTIONS, NAGPUR, INDIA

DR. MUKESH SHARMA

SR. SCIENTIFIC OFFICER, STATE FORENSIC SCIENCE LABORATORY, BHARATPUR, INDIA

RESEARCH PROPOSALS

31 AJAY TIWARI AND PRIYESH KANUNGO

OPERATIONS RESEARCH BASED ALGORITHMS FOR OPTIMUM NETWORK RESOURCE UTILIZATION

32 RASHMI S AND HANUMANTHAPPA M

PHONETIC AND SEMANTIC ANALYSIS FOR NLP USING DATA MINING TECHNIQUES

33 RAJKUMAR SHARMA

LOAD BALANCING IN MULTI-CORE PROCESSOR CLUSTER

34 SONA KANUNGO

EFFICACY OF IT BASED SERVICES IN MANAGEMENT OF EDUCATIONAL INSTITUTIONS

35 RAJESH KUMAR CHAKRAWARTI AND PRATOSH BANSAL

APPROACHES FOR IMPROVING ENGLISH<=>HINDI MACHINE TRANSLATION USING WORD-SENSE DISAMBIGUATION

36 CHETAN AWASTHI AND PRIYESH KANUNGO

RESEARCH PROPOSAL: DEVELOPMENT OF ECONOMY BASED RESOURCE BROKER FRAMEWORK FOR CLOUD COMPUTING ENVIRONMENT

37 SOMNATH MUKHOPADHYAY AND JYOTSNA K. MANDAL

ESTIMATION, SUPPRESSION AND OPTIMIZATION OF IMPULSES IN DIGITAL IMAGERY

38 ADITYA MAKWE

OPTIMIZATION AND MANAGEMENT OF RESOURCES IN CLOUD COMPUTING ENVIRONMENT

39 ANAND MORE AND PRIYESH KANUNGO

DESIGN AND PERFORMANCE ENHANCEMENT OF NETWORKING AND SECURITY INFRASTRUCTURE FOR E-GOVERNANCE

40 ARINDAM SARKAR AND JYOTSNA KUMAR MANDAL

TOWARDS DESIGN AND IMPLEMENTATION OF SOFT COMPUTING BASED CRYPTOGRAPHIC TECHNIQUES FOR WIRELESS COMMUNICATION

41 PRAVEEN GUPTA AND DR PRATOSH BANSAL

SITUATION BASED SECURITY AND TRUST EVALUATION IN MANET

42 RAKESH VERMA AND DR. PRATOSH BANSAL

INVESTIGATION OF KNOWLEDGE MANAGEMENT IN DIGITAL FORENSICS

- 43 PRASHANT PANSE, DR. TARUN SHRIMALI AND DR. MEENU DAVE**
AN APPROACH FOR PREVENTING ACCIDENTS AND TRAFFIC LOAD DETECTION ON HIGHWAYS USING VANET
- 44 KAMAL SETHI, DURGESH KUMAR MISHRA AND BHARAT MISHRA**
STUDY OF RULE EXTRACTION TECHNIQUES IN DATA MINING - AN EFFORT TO EXTRACT DECISION TABLE FROM TRAINED ARTIFICIAL NEURAL NETWORK
- 45 VIVEK TIWARI AND R. S. THAKUR**
ARCHITECTURE FOR ON-DEMAND PATTERN SERVICES: PATTERN WAREHOUSE
- 46 VANGIPURAM RADHAKRISHNA**
EFFICIENT MINING OF SIMILAR TEMPORAL ASSOCIATION PATTERNS IN SINGLE DATABASE SCAN
- 47 MAKRAND SAMVATSAR AND DR PRIYESH KANUNGO**
EFFECTIVE SCHEDULING MECHANISM IN CLOUD COMPUTING ENVIRONMENT USING VIRTUALIZATION TECHNIQUES
- 48 BASANT TIWARI AND DR. ABHAY KUMAR**
TOWARDS EFFICIENT LAYERED ARCHITECTURE FOR REMOTE PATIENT MONITORING
- 49 SHASHI MEHROTRA AND SHRUTI KOHLI**
AN INTELLIGENCE BASED CLUSTERING APPROACH FOR OPTIMIZATION OF WEB ELEMENTS
- 52 VIJAY KUMAR**
DEVELOPING A DECISION SUPPORT SYSTEM FOR THE DOCTORS IN THE EARLY DIAGNOSIS OF DISEASES IN VILLAGES
- 54 DR. DIVYA KASHYAP**
SOFTWARE COST ESTIMATION AND SUBSEQUENT ORGANIZATIONAL RESOURCE AND ACTIVITY MANAGEMENT USING EVOLUTIONARY COMPUTATION
- 55 KUMAR RAJAMANI**
MULTIPLE INSTANCE LEARNING AND ITS APPLICATION IN IMAGE CLASSIFICATION
- 57 BROJO MISHRA**
ANALYSIS OF INTERESTING ASSOCIATIONS AND CORRELATION PATTERNS IN HEALTHCARE DATA USING APRIORI ASSOCIATION MINING TECHNIQUE
- 58 PADMA VASAVI KALLURU**
DEVELOPMENT OF A DISTRIBUTED SENSOR SUITE FOR WATER QUALITY MONITORING IN PRAWN CULTURE
- 60 SITA DEVULAPALLI, AKHIL KHARE AND RAO ORS**
A STUDY OF FACTORS AND DESIGN OF NEW FRAMEWORK FOR REQUIREMENTS PRIORITIZATION FOR SUCCESSIVE RELEASES OF APPLICATION SOFTWARE PRODUCTS

*How do you see your research (both process and outcomes)
makes a difference to your communities!!*

DOCTORAL CONFERENCE RESEARCH SESSION 1C
ROOM NO. 20, FIRST FLOOR, DEPT OF COMPUTER SCIENCE, JRNRVU, UDAIPUR
DOCTORAL SESSION CHAIRS

DR. SWAGATAM DAS
INDIAN STATISTICAL INSTITUTE, KOLKATA, INDIA
DR. J K MANDAL
PROFESSOR, KALYANI UNIVERSITY, WEST BENGAL, INDIA

RESEARCH PROPOSALS

- 61 JAI GOEL AND ANKUSH GOEL**
NATURE VS. COMPUTER
- 62 VIVEK PARASHAR**
DESIGN AND DEVELOPMENT OF WIRELESS SENSOR NETWORK FOR MONITORING AGRICULTURAL HEALTH
- 63 ARUN N**
A NOVEL SECURITY APPROACH FOR ADHOC NETWORKS
- 64 AKHILESH SHARMA**
MOOD BASED MUSIC ANALYSIS AND THEIR EFFECT ON HUMAN PSYCHOLOGY
- 65 GUNUPUDI RAJESH KUMAR, MANGATHAYARU N AND NARSIMHA GUGULOTHU**
AN IMPROVED INTRUSION DETECTION APPROACH WITH GAUSSIAN SIMILARITY MEASURE USING DATA MINING TECHNIQUES
- 66 NEETA NATHANI AND DR. G.C. MANNA**
PERFORMANCE ANALYSIS FOR QUALITY OF SERVICE OF COGNITIVE RADIO SYSTEMS
- 68 SUDITI CHOUDHARY AND MUZZAMMIL HUSSAIN**
AUTHENTICATION MECHANISM FOR PRIMARY USERS AT PHYSICAL LAYER IN COGNITIVE RADIO NETWORKS
- 69 DEEPTI BORKUTE**
PERFORMANCE ANALYSIS OF MEMORY STRUCTURES USING QUATERNARY LOGIC DESIGN
- 70 SHRAWAN KUMAR TRIVEDI AND SHUBHAMOY DEY**
A STUDY ON SPAM CLASSIFICATIONS USING MACHINE LEARNING TECHNIQUES
- 71 ARUN N**
A SECURE LOSS LESS CONNECTIVITY FOR WIRELESS NETWORK
- 72 GHANSHYAM RAGHUWANSHI AND DR VIPIN TYAGI**
CONTENT BASED IMAGE SEARCH
- 73 SHRISHAIL SHIRUR, DR PRATIMA JAIN AND DR SUWARNA TORGAL**
CONSTRUCTION PROJECTS RISK ASSESSMENT TOWARDS OCCUPATIONAL HEALTH & SAFETY IN POWER TRANSMISSION PROJECTS
- 74 SIDDHARTH RAUTARAY AND MANJUSHA PANDEY**
DEVELOPMENT OF MULTIMODAL INTERACTION SYSTEM FOR ELDERLY & DISABLED PEOPLE

- 75 SUSHMA SATPUTE AND BHARAT SINGH DEORA**
CLOUD STORAGE: ON DEVICE CACHE TO IMPROVE PERFORMANCE AND ADOPTION BY EDUCATIONAL INSTITUTIONS
- 76 ASIF ALI, ASHWINI SHARMA AND KAVITA CHOURDHARY**
AN EFFICIENT K-MEANS CLUSTER AND CHI SQUARE TEST BASED SOFTWARE QUALITY ESTIMATION
- 77 REENA PAGARE AND DR. AKHIL KHARE**
COLLABORATIVE FRAMEWORK FOR INFORMATION DIFFUSION IN ONLINE SOCIAL NETWORK
- 78 JAMMULA LAKSHMINARAYANA AND ELAGANDULA SURESH**
DESIGN AND ANALYSIS OF FRACTAL ANTENNAS FOR MULTIBAND WIRELESS APPLICATIONS
- 79 RAINA GAHARWAR AND DIPTI SHAH**
COMPREHENSIVE USE OF SOCIAL NETWORK ANALYSIS IN TERRORIST NETWORK MINING
- 80 SHALIGRAM PRAJAPAT AND RAMJEEVAN SINGH THAKUR**
CRYPTIC MINING FOR AVK MODEL
- 81 GUJJETI NAGARAJU**
DEPENDENCY PARSER FOR TELUGU LANGUAGE
- 82 RAKSHA BAJPAI**
PROPOSAL FOR WIRELESS SENSOR NETWORK
- 83 DR. VINOD KAPSE, DR. BHAVANA JHARIYA AND DR. S. S. THAKUR**
FPGA BASED FUZZY CONTROL AUTONOMOUS MOBILE ROBOTIC SYSTEM
- 84 MONIKA SETHI AND CHANDRA PRAKASH GUJAR**
EFFECTIVENESS OF CAPACITY BUILDING PROGRAMS FOR PANCHAYATI RAJ FUNCTIONARIES EXECUTED BY STATE INSTITUTE OF RURAL DEVELOPMENT WITH ICT CHALLENGES
- 85 AKSHAY GUPTA**
INTELLIGENT WEB SERVER USABILITY AND PERFORMANCE IMPROVEMENT
- 86 VIJAY BHASKAR SEMWAL**
COMPUTATIONAL BIPEDAL LOCOMOTION MODEL DESIGN
- 87 G SURESHREDDY**
CLUSTERING AND CLASSIFICATION OF TEXT DOCUMENTS USING IMPROVED SIMILARITY MEASURE
- 88 DR. AKHIL KHARE AND SANJEEV YADAV**
A FRAMEWORK TO MIGRATE LEGACY APPLICATION TO SKY – LAPM2C
- 89 SANTOSH VISHWAKARMA**
ONLINE RECOMMENDER SYSTEM FOR INDIAN WEB CONTENTS

*How do you see your research (both process and outcomes)
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DOCTORAL CONFERENCE RESEARCH SESSION 1D
CONFERENCE HALL, GROUND FLOOR, DEPT OF COMPUTER SCIENCE, JRN RVU, UDAIPUR
DOCTORAL SESSION CHAIRS

PROF. A K NAYAK
INDIAN INSTITUTE OF BUSINESS MANAGEMENT, PATNA, INDIA
DR. VIPIN TYAGI
PROFESSOR, JAYPEE UNIVERSITY, GUNA, MP, INDIA

RESEARCH PROPOSALS

91 SANJAY AGAL AND S K SHARMA

DESIGN AND IMPLEMENTATION OF ESTIMATED AND PRECISE MATCHING ALGORITHM FOR THE GRAPH ISOMORPHISM

94 MOHAMMAD UBaidULLAH BOKHARI AND RIZWAN ALAM

DESIGN OF ADAPTIVE FEEDBACK BASED MULTIDIMENSIONAL E-LEARNING FRAMEWORK (AFM E-LEARNING FRAMEWORK)

95 PRASUNA P.M., RAMADEVI Y AND VINAY BABU A

REJUVENATION OF COSMETIC PRODUCT BASING ON GLOBAL SKIN DISORDERS USING ROUGH SET THEORY APPROACH

96 FARAZ HASAN AND MOHAMMAD UBaidULLAH BOKHARI

ROLE OF CORRELATION AND CROSS MEDIA SIMILARITY TOWARDS MINIMIZING THE SEMANTIC GAP

98 DEBENDRA MAHALIK

MEASURING INFORMATION TECHNOLOGY JUSTIFICATION FOR SOCIAL DEVELOPMENT

100 RANJAN TRIPATHI AND BRIJ BIHARI TEWARI

AN EFFICIENT ANALYSIS OF 3D SOLITON DYNAMICS IN 3D PHOTONIC BANDGAP MICROCAVITIES

101 RITA DEWANJEE AND PUSHPAK VERMA

"EPILEPSY/SEIZURES SENSING DEVICE"

102 PRATIKSHA GAUTAM AND HEMRAJ SAINI

CODE-CLONE DETECTION AND EVALUATION TO ENHANCE SOFTWARE QUALITY

103 SYED SAZZAD AHMED AND SWARUP ROY

PRIORITIZING THE CANCER DRUG TARGETS USING GENE REGULATORY NETWORK ANALYSIS

104 SHAILENDRA GUPTA, PRATIMA GAUTAM AND RAMJEEVAN SINGH THAKUR

EXTRACTION OF ASSOCIATION RULES FROM MULTI-LEVEL DATASETS FOR ENHANCE QUALITY MEASURE

105 HARSHIT PRAKASH AND NEETU SHARMA

RE-CLUSTERING APPROACH USING WCA IN AODV ROUTING PROTOCOL IN MANET

106 DR. BHARGAVI GOSWAMI AND DR. HARDIK GOHEL

DESIGN & ANALYSIS OF OPTIMUM WIRELESS TRANSMISSION STRATEGY ON RATE CONTROL PROTOCOL

107 MADHUMITA SENGUPTA AND JYOTSNA KUMAR MANDAL

TOWARDS DESIGN AND IMPLEMENTATION OF DISCRETE TRANSFORM IMAGE CODING BASED DOCUMENT

AUTHENTICATION TECHNIQUES

109 USHA RANI Y

IMPUTATION OF MISSING VALUES FOR MINING MEDICAL DATASETS

110 DR. SATWINDER SINGH AND SHARANPREET KAUR

A RESEARCH SCHEME TO GENERATE THE PREDICTION MODEL FOR ANALYZING IMPACT OF CODE SMELLS ON SOFTWARE MAINTENANCE

111 DR. MARUTI P, DR. THIRIMURTHY P AND DR. DURGESH MISHRA

RESEARCH PAPER FORMATION METHODOLOGY

112 NITIKA VATS

HANDLING MOBILITY IN HIGHLY DATA-CENTRIC WIRELESS SENSOR NETWORKS

113 V.P.KRISHNA ANNE AND RAJASEKHARA RAO DR.K

DESIGN AND ANALYSIS OF NETWORK INTRUSION DETECTION TECHNIQUES AND STANDARDS

114 VIVEK DESHPANDE

DESIGN AND IMPLEMENTATION OF THE MODEL FOR CONGESTION AVOIDANCE AND CONTROL TO MINIMIZE BOTTLENECK (CONGESTION) NEAR THE SINK IN WIRELESS SENSOR NETWORK

115 NAYAN PATEL AND MAULIK PATEL

DESIGN AND IMPLEMENTATION OF REGION OF INTEREST BASED MEDICAL IMAGE COMPRESSION ALGORITHM FOR TELEMEDICINE APPLICATION

116 PUSHPENDRA SINGH

INTEGRATION AND ANALYSIS OF GREEN AND CONVENTIONAL ELECTRICITY GENERATION

117 VINODRAY THUMMAR AND MIHIR CHAUHAN

DESIGN AND IMPLEMENT A FRAMEWORK TO PRESERVE PRIVACY OF USER'S MULTIMEDIA DATA IN MOBILE CLOUD COMPUTING

118 NALINIKANT JOSHI AND VINOD SARSWAT

HORIZON OF BIG DATA

119 HEMANTKUMAR NARAYANBHAI PATEL

AN ANALYSIS AND DESIGN A SECURITY MODEL FOR CYBER ATTACKS

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FINAL ROUND OF DOCTORAL CONFERENCE RESEARCH SESSIONS (04:30 PM – 05:30 PM)
CONFERENCE HALL, GROUND FLOOR, DEPT. OF COMPUTER SCIENCE, JRNRVU, UDAIPUR

KINDLY NOTE FROM EACH PARALLEL SESSION TWO BEST RESEARCH WORK/PROPOSALS WILL BE SELECTED FOR THE
FINAL ROUND OF DOCTORAL CONFERENCE RESEARCH SESSIONS AT 04:30 PM

FINALLY 4 BEST RESEARCH WORK/PROPOSALS WOULD BE SELECTED BY THE
PANELISTS AND CHAIRS AND WILL BE AWARDED

BEST RESEARCH PROPOSAL AWARDS - DOCTORAL CONFERENCE 2016

WHICH WILL BE PRESENTED ON THE INAUGURAL FUNCTION OF ICTCS 2016
MARCH 4, 2016, 06:00 PM | HOTEL INDER RESIDENCY, UDAIPUR, INDIA

FELLOWSHIP TEA AND NETWORKING

*How do you see your research (both process and outcomes)
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