

# Amal Jyothi College of Engineering Kanjirappally, Kottayam

## Department of Master of Computer Applications

**NCECA-2021**

17<sup>th</sup> June, 2021

### Schedule

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| <b>11.00 am to 12.00 pm - Inaugural Function</b>   |  |
| • Prayer   |  |
| • Welcome Speech : Ms. Paulin Paul, Assistant Professor, Department of Computer Applications   |  |
| • Conference Inauguration and Technical Session - “Power of Computer Ethics in AI Society”<br><i>Dr. John T Abraham, Assistant Professor and Research Guide, Bharata Matha College Trikkakara, Kochi</i> |  |
| • Vote of Thanks : Dr. Bijimol TK, Assistant Professor, Department of Computer Applications  |  |
| <b>12.00 pm to 1.00 pm – Paper Presentations (Platform 1)</b>  |  |
| 1. NCECA21_04: Agrim Chatterjee, Atul Sohoni, Dnhruv Chhawchhria, Harsh Antani, M. Sekar, “Clustering of Indian states based on crime incidences and predicting crimes therein”                          |  |
| 2. NCECA21_16: Anu Priya. P, Reshma Thomas & Midhun Rajiv - “ Impact of optimization algorithms in detection of tuberculosis using transfer learning”  |  |
| <b>Chairs : Dr. John T Abraham &amp; Dr. Rahul Shajan</b>  |  |
| <b>Lunch Break</b>   |  |
| <b>1.30 pm to 3.30 pm - Paper Presentations (Platform 1)</b>   |  |
| 1. NCECA2021_05: Anu V Jacob - “Mobile Edge Computing”   |  |
| 2. NCECA21_133: Parth Kansara, Ansh Shah & Parth Meswani – “Vision and Language Navigation using Minimal Voice Instructions”.  |  |
| 3. NCECA2021_10: Anurag A and Sr. Elsin Chakkalackal S H– “An Implementation And Evaluation Of Pdf Password Cracking Using John The Ripper And Crunch”   |  |
| 4. NCECA2021_03: Sabin Thomas and Dr. Bijimol T K - “ Vulnerability Testing On Rooted Android Phones Using Msf Venom Payloads ”  |  |
| 5. NCECA21_27: Binumon Joseph, Rini Kurian & Meera Rose Mathew - “ A review of the advantages of knowledge based system over the conventional computer based information system”                         |  |
| <b>Chairs : Dr. Dhayna Job &amp; Dr. Rahul Shajan</b>  |  |
| <b>Paper Presentations (Platform 2)</b>  |  |
| 1 NCECA2021_29: Adhin Babu and Dr. Juby Mathew – “ Analyzing and adding accident prone areas in Kerala into Google map”  |  |
| 2 NCECA2021_34: Aleena Theresa George and Dr. Juby Mathew – “Argon2: The password hashing Function”  |  |
| 3 NCECA2021_71: Akhil Tom Sebastian and Juby Mathew – “IMAGE STEGANOGRAPHY WITH OPEN SSL BASE64 ENCRYPTION FOR ENHANCED PASSWORD SECURITY”   |  |

- 4 NCECA2021\_107: Saran Gopalakrishnan and Juby Mathew –“SEQUEL ASSAY: HANDICRAFTS PRODUCT ANALYSIS”
- 5 NCECA2021\_95: Lovely Anna John and Juby Mathew – “Efficient Brute Force Attack Handling: Server Virtualization”
- 6 NCEA2021\_07: YEDHUKRISHNAN B K & Dr Juby Mathew - “ASP. NET FRAMEWORK IN MODEL VIEW CONTROLLER IMPLEMENTATION”
- 7 NCEA2021\_76: Alphy Mathew and Jobin T J -” ROLE OF BIG DATA ANALYSIS AND MACHINE LEARNING IN ECOMMERCE - CUSTOMER SEGMENTATION”
- 8 NCEA2021\_47: Aneeta Thomas and Jobin T J-”FORESEE THE LIKELIHOOD OF COVID-19 USING CHEST X-RAY IMAGES WITH IMAGE PREPROCESSING”
- 9 NCECA2021\_55: Alan S Mathew and Jobin T J – “ Implementing an Undetectable Backdoor by applying Veil Framework ”
- 10 NCECA2021\_23: JITHIN KG & T J Jobin “Securely storing searchable string in database”
- 11 NCECA2021\_25: A Review On Information Gathering Tools In Kali Linux
- 12 NCEA2021\_46: Karthika Suresh Babu and Jobin T J – “OWASP Zed Attack Proxy”
- 13 NCECA2021\_59: Aby Joy and Merin Manoj “AUTOMATED ATTENDANCE SYSTEM WITH FINGER PRINT READER”
- 14 NCECA2021\_65: Ahil Sandes and Merin Manoj “ Comparative Study of Machine Learning Techniques to Predict Diabetic Retinopathy”

**Chairs :**

**Mr Jinson Devis, Ms Meera Rose Mathew & Ms Jetty Benjamin**

### Paper Presentations (Platform 3)

15. NCECA2021\_13: Divine Zacharias and Merin Manoj – “ Analysis of student performance using data mining algorithms in weka”
- 16 NCECA2021\_131: KARTHIKA SATHISH & Merin Manoj “Steghide”
- 17 NCECA2021\_90: Josmy Joseph and Merin Manoj –“ Study On Phishing Attacks”
- 18 NCECA2021\_49: Aju Alex and Lisha Varghese - “AN IN-DEPTH STUDY OF THE DDoS ATTACK, AND ITS PREVENTION.”
- 19 NCECA2021\_96: Anitta Maria Joseph and Lisha Varghese-“ implentation of password hash on login”
- 20 NCECA2021\_51: Akshayanand VM and Lisha Varghese “ Evolution of front-end frameworks and libraries in the development of Single Page Web Apps”
- 21 NCECA2021\_09: Vismaya Kk and Lisha Varghe –“A Review on Efficient Noise Reduction in Image Processing Using Canny Edge Detection Algorithm”
- 22 NCECA2021\_20: Vishnu B Menon and Lisha Varghese – “Drowsiness detection in drivers”
- 23 NCECA2021\_17: Rositta Joy and Lisha Varghese-“ Social Engineering Toolkit”
- 24 NCECA2021\_57: Anu Benoy and Sr. Elsin Chakkalackal S.H- “Student profiling and grouping using Apriori and K-Means clustering algorithms with help of Weka”
- 25 NCECA2021\_121: Aromal S Viswam and Sr.Elsin Chakkalackal– “Predicting Diabetes using KNIME”

- 26 NCECA2021\_120: Ruksana Kabir P A and Sr Elsin Chakkalackal-“ Gathering of emails,hostname and ip address by using The harvester”
- 28 NCECA2021\_119: Amisha Joseph and Sr.Elsin Chakkalackal S.H-“ Cross-Site Request Forgery:Attack and Defence”

**Chairs :**

**Ms Shelly S George, Dr. Manju Mathai & Ms.Paulin Paul**

#### **Paper Presentations (Platform 4)**

- 29 NCECA2021\_44 Alan Joseph and Ajith G.S - ”Conceptual Framework using MD5 Algorithm”
- 30 NCECA2021\_30 Albin Benny and Ajith G.S-” Encryption Authentication of Password Security using Bcrypt Encryption”
- 31 NCECA2021\_31 Anjali Rachel George and Ajith G.S – “Theoretical Framework of Secure Hash Algorithm (SHA1)”
- 32 NCECA2021\_125 Assiya Ansary and G S Ajith-“ creation of two modules for network authentication cracking tool ncrack”
- 33 NCECA2021\_85 Nanda Aravind and Ajith G S-“ Retrieval of Data over Domain Name Server in SQL Injection Attacks”
- 34 NCECA2021\_79 Nimisha Odavel and Shelly Shiju George-”Predictive Analysis of Rapid Spread of Heart Diseases with Data Mining”
- 35 NCECA2021\_56 Evolution of Captchas – Deep Captcha
- 36 NCECA2021\_128 Nidhi sabu and Shelly Shiju George – “Angryipscanner”
- 37 NCECA2021\_114 Anupama A and Shelly Shiju George-“ Prediction And Ananlysis Of Breast Cancer”
- 38 NCECA2021\_137 Robin Antony and Shelly Shiju George – “JOHN THE RIPPER”
- 39 NCECA2021\_64 Ashley Shaji and Jinson Devis -”Theoretical framework of MD5 Algorithm for password encryption”
- 40 NCECA2021\_89 Joe Joseph and Jinson Devis- “Phishing”
- 41 NCECA2021\_61 Melbin Augustine and Jinson Devis-”Backdoor File threats over Web Applications using Weevely”
- 42 NCECA2021\_81 Annu Mariya Jomichan and Jinson Devis-”A STUDY ON VULNERABILITY SCANNING TOOL-NESSUS”

**Chairs :**

**Mr G S Ajith, Ms Nimmy Francis & Ms Gloriya Mathew**

#### **Paper Presentations (Platform 5)**

- 43 NCECA2021\_43 Sarath P and Jinson Devis – “PROTOTYPE POLLUTION”
- 44 NECA2021\_14 Stella M Thomas and Jinson Devis– “An Implementation And It’s Evaluation Of Password Cracking Tools Fcrackzip and Crunch ”
- 45 NECA2021\_40 Ajay T P and Jetty Benjamin – “Remote Administration Trojan for Windows and Android”

- 46 NCECA2021\_36 Dona Rose Mathew and Jetty Benjamin-“Penetration testing and vulnerability scanning of web application using Burp Suite”
- 47 NCEA2021\_62 Harikrishnan R and Jetty Benjamin – “Forecasting the Chances of Cardio Vascular Disease in Patients Using Data Mining Tool”
- 48 NCECA2021\_35 Priya Prakash and Jetty Benjamin - “Analysis and prediction of soybean plant disease”
- 49 NCECA2021\_41 Nibi Mariya Sunny and Jetty Benjamin – “File Carving Techniques Using Scalpel”
- 50 NCECA2021\_69 Fathima Rafi and Gloriya Mathew - “Resemblance Study of Machine Learning Techniques to Predict Heart Disease Using WEKA Tool”
- 51 NCECA2021\_70 Fathima Shafeek and Gloriya Mathew - “Analysing Performance of Classifiers for Fake News Detection”
- 52 NCECA2021\_63 Jincy Mathew and Gloriya Mathew - “Prediction of different learning habit among students using data mining algorithm”
- 53 NCECA2021\_94 Stebin Stephenson and Gloriya Mathew – “Rescue: Formulating Regular Expression DoS Attacks”
- 54 NCECA2021\_108 Sarath Gopalakrishnan and Gloriya Mathew – “HAP MUSTER – EVENT CASTING ANALYSIS”
- 55 NCECA2021\_84 Josmy Joseph and Gloriya Mathew-”ENCODING AND HIDING DATA WITHIN AN IMAGE AND CONVERSION OF NUMBERS”
- 56 NCECA2021\_54 Honey K Kuriakose and Anit James-”SPYNOTE – DANGEROUS AND POWERFUL REMOTE CONTROLLER FOR ANDROID”

**Chairs :**

**Sr Elsin C. SH, Mr Binumon Joseph & Ms Rini Kurian**

**Paper Presentations (Platform 6)**

- 57 NCECA2021\_53 Jubin Shaji and Anit James-”SPYMAX –DISCOVERING THE VULNERABILITIES AND DATA HIJACKING WITH ANDROID DEVICES AND BYPASSING PLAY PROTECT NOTIFICATIONS”
- 58 NCECA2021\_88 Anandu Nair and Anit James – “Autopsy-Analysis and Comparison”
- 59 NCECA2021\_104 Athira Joseph and Anit James - DevOps – A Journey Using Cucumber Tool
- 60 NCECA2021\_122 Amal Sabu and Anit James “Hydra - a password cracking tool in kali linux”
- 61 NCECA2021\_93 Nimal Joseph Sebastian and Sona Maria Sebastian “Implementing orange in COVID-19 analysis”
- 62 NCECA2021\_83 Justin Joseph and Sona Maria Sebastian “ARP poisoning using Ettercap and Wireshark”
- 63 NCECA2021\_50 Christy Pius and Sona Sebastain – “PREDICTING ACADEMIC PERFORMANCE OF A STUDENT USING WEKA”
- 64 NCECA2021\_52 Justine Jose and Sona Maria Sebastian “Stock Market Visualization Using Weka Tool”

- 65 NCECA2021\_80 : Lismi Mariamma Thomas and Sona Maria Sebastian –“AhMyth Android RAT”
- 66 NCECA2021\_92 Ann Mariya Raju and Sona Maria Sebastian – “RAINBOW CRACK”
- 67 NCECA2021\_132 Kevin Money and Ankitha Philip – “Research paper on Estimation of HIV affected patients (Countrywise)”
- 68 NCECA2021\_72 Alfiya Abdulsalam and Ankitha Philip“ - ENCRYPTION AND DECRYPTION USING HASH AND VERIFY”
- 69 NCECA2021\_78 Geena George and Ankitha Philip –“ BASE64 ,END OF FILE AND STEGANOGRAPHY TO IMPROVE SECURITY IN PROJECT SITES”
- 70 NCECA2021\_116 Jocely Joseph and Ankitha Philip “SERVER LOAD BALANCING THROUGH QUANTUM RADIAL BASIS FUNCTION NEURAL NETWORK ALGORITHM.”

**Chairs:**

**Ms Lisha Varghese, Ms Grace Joseph & Ms Anit James**

**Paper Presentations (Platform 7)**

- 71 NCECA2021\_86 Neethu John and Ankitha Philip – “fernet system”
- 72 NECA2021\_74 Sherin Thomas and Nimmy Francis - Campus Recruitment: Academic and Employability Factors influencing placement using Data Mining
- 73 NCECA2021\_91 Sreehari C A and Nimmy Francis - Password security using BCrypt
- 74 NCECA2021\_6 Deepu vs and Nimmy Francis -TESTDISK AND PHOTOREC – ANALYSIS AND COMPARISON
- 75 NECA2021\_22 Melbin Varghese and Nimmy Francis - Diabetes prediction using Machine Learning
- 76 NCECA2021\_66 Jaimi Santhosh and Navyamol K.T– “Student placement prediction using WEKA”
- 77 NCECA2021\_126 Athira Shaiju and Navyamol K T- “IDENTIFYING VULNERABILITIES IN A WEBSITE USING ZAP AND COMPARING ZAP , WPSCAN , W3AF”
- 78 NCECA2021\_112 Tincymol M T and Grace Joseph=”Predicting Alcohol Consumption In Students Using Data Mining Tool ”
- 79 NCECA2021\_73 Nimisha Siby and Grace Joseph-”Twitter Sentimental Analysis using ML”
- 80 NCECA2021\_124 Praveen Prasad and Grace Joseph – “RECOVERING A FILE & SECURELY ERASE A FILE USING MAGIC RESCUE”
- 81 NCECA2021\_130 Chinnu Saju and Grace Joseph – “HACKING OF PC USING RED HAWK AND Nmap”
- 82 NCECA2021\_130 Chinnu Saju and Grace Joseph – “HACKING OF PC USING RED HAWK AND Nmap”
- 83 NCECA2021\_58 Jobin Thomas Alummoottil and Rony Tom  
“Authentication by Encrypted Negative Password”
- 84 NCECA2021\_33 Ben Thomas and Rony Tom - “Accurately Locate Smartphones Using Seeker ”

### Chairs

**Ms.Merin Manoj, Ms Sona Sebastian & Dr.Bijimol TK**

### Paper Presentations (Platform 8)

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| 85 | NCECA2021_117 | Chaithanniya Chandran and Rony Tom – “CSRF: Exploitation and Prevention”   |
| 86 | NCECA2021_105 | Jibin M and Rony Tom – “QRL-JACKING FOR SESSION HIJACKING”   |
| 87 | NCECA2021_75  | Neethu S Babu and Binumon Joseph-”Kidney Disease Analysis using Weka”  |
| 88 | NECA2021_45   | Jobin Mathew and Binumon Joseph: “A study into the use of artificial intelligence in E-commerce stock management and product suggestion generation for end users.” |
| 89 | NECA2021_19   | Nandu P V and Binumon Joseph – “COMPREHENSIVE STUDY ON HASHIDENTIFIER AND COMPARISON WITH HASHTAG”   |
| 90 | NECA2021_48   | Jasmine S Leen and Binumon Joseph “Android phone hacking using Ezsploit Recovering deleted data”   |
| 91 | NCECA2021_11  | Jobel Kurian and Binumon Joseph - “HTTrack Working Demonstration and Comparison”   |
| 92 | NCEA2021_102  | Sijimol Cyriac and Meera Rose Mathew – “Comparative Study of Machine Learning Techniques to Classify Edible and Poisonous Mushrooms”                               |
| 93 | NCECA2021_110 | Teena Thomas and Meera Rose Mathew - “PREDICTION OF BREAST CANCER,COMPARATIVE STUDY OF MACHINE LEARNING TECHNIQUES USING WEKA TOOL”                                |
| 94 | NCECA2021_113 | Reshma s Ramesh and Meera Rose Mathew - "FERNET Symmetric key encryption for password security "   |
| 95 | NCECA2021_115 | Nittymol Mathew and Meera Rose Mathew - Advance in open source password Cracking Tools using Ettercap And Kerberos   |
| 96 | NCECA2021_24  | Shreyas S and Meera Rose Mathew- "Hooking The Network with BETTERCAP and BeEF XSS"   |
| 97 | NCECA2021_67  | Tintu Jose and Rini Kurian-”Disease Prediction Using Machine Learning Approach(WEKA)”  |
| 98 | NCECA2021_60  | Tebin Jose and Rini Kurian - “WPscan - Discovering the vulnerabilities and enumerating users of WordPress sites with AutoTor for IP spoofing”                      |

### Chairs :

**Mr T J Jobin, Ms Ankitha Philip & Mr. Rony Tom**

### Paper Presentations (Platform 9)

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| 99  | NCECA2021_98  | Arunima Santhosh and Rini Kurian –“ IDENTIFYING SUBDOMAINS OF THE WEBSITE USING SUBLIST3R AND COMPARING SUBLIST3R AMASS , KNOCKPY” |
| 100 | NCECA2021_97  | Sneha Varghese and Rini Kurian – “IDENTIFYING VULNERABILITIES IN A WEBSITE USING UNISCAN AND COMPARING UNISCAN, GRABBER, NIKTO     |
| 101 | NCECA2021_103 | Shejina Nazar and Rini Kurian –“ COMPARATIVE STUDY ON PASSWORD CRACKING TOOLS”   |

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| 102 NCECA2021_109 | Tessa Joseph and Dr. Bijimol T K - “Placement Prediction of Students Using the Data Mining Tool Weka”                           |
| 103 NCECA2021_12  | Sachin S Kumar and Dr. Bijimol T K:- “A Study On Password Breaking Tools”   |
| 104 NCECA2021_99  | Arun s and Dr Bijimol T K - “A Research work on information gathering tools”  |
| 105 NCECA2021_42  | Joe Tom Thomas and Dr. Manju K Mathai-” Applying Data Visualization Techniques for Online Tailoring Sales Analysis Using WEKA ” |
| 106 NECA2021_37   | Meera Mariya Thomas and Dr. Manju K Mathai – “ Data Analysis of Marks Using SPSS”   |
| 107 NECA2021_115  | Nittymol Mathew and Meera Rose Mathew – “Advance in open source password Cracking Tools using Ettercap And Kerberos”            |
| 108 NECA2021_26   | Rintu Aleyamma Thomas and Dr. Manju K Mathai - “A Survey on File Carving Process Using Foremost and Scalpel “                   |
| 109 NECA2021_100  | Alen James and Dr. Paulin Paul - ”A COMPARISON STUDY OF REMOTE ADMINISTRATION TOOLS”  |
| 110 NECA2021_101  | Vineeth and Dr. Paulin Paul - “Penetration Testing On Websites Using jSQL Injection”  |
| 111 NECA2021_123  | Alan Roy and Pauline Paul –“ HASHCAT”   |
| 112 NECA2021_77   | Vijayalakshmi Pb and Paulin Paul – “Prediction and analysis of diabetes disease”  |

**Chairs :**

**Dr Juby Mathew , Ms Navyamol KT & Ms. Sruthimol Kurian**