



CHILDREN'S EDUCATION SOCIETY (Regd.)
THE OXFORD COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
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NCSEM EEE 2k22

CONFERENCE EVENT SCHEDULE

| Sl. No | Paper - ID | Title of the Paper & Authors | Time and Date | Venue |
|---|---------------|---|--------------------------------------|-----------------------|
| DAY-1 SESSION 1/7/22 | | | | |
| INAUGURATION CEREMONY 9:00 AM to 11:00 AM | | | | |
| Key note session by Dr Arghya Chakravarty on "Adaptive Control of Dynamical Systems under physical constraints" 11:00AM to 12:00PM | | | | |
| 1 | NEEE01 | Design and Implementation of Impedance Source Inverter Fed to Asynchronous Motor Megha Beelagi ¹ , Shivakumar Nayak ² , Sujata Ajjappanavar ³ , Chaitra Kumbar ⁴ , Sagar Parashuram Mali ⁵ Dept. of EEE, Basaveshwar Engineering College, Bagalkot | 12:15to 12:30 1/07/22 | Room No - N516 |
| 2 | NEEE02 | Conceptual design of Hybrid Electric Aircraft Manjunatha Prabhu P ¹ , Tejaswini R ² , Ranjitha G ³ , Mythri L ⁴ , Chaitra YH ⁵ 1,2,3,4,5 Dept. of EEE, PES Institute of Technology & Management, Shivamogga | 12:30 to 12:45 1/7/22 | Room No - N516 |
| LUNCH BREAK 12:45 to 1:30PM | | | | |
| 3 | NEEE03 | Transmission Line Fault Detection Using Arduino Kalpana S ¹ , Mandara B C ² , Prashanth R ³ , Shilpa U ⁴ 1,2,3,4,5 Dept. of EEE, PES Institute of Technology & Management, Shivamogga | 1:30 to 1:45 1/7/22 | Room No - N516 |



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| 4 | NEEE04 | Auto Transformer Rectifier Unit (ATRU) for Closed Loop Control of BLDC Motor Priyanaka M ¹ , Resna S R ² Sandhya Rai ³ ¹ Mtech Power Electronics, ² Asst Prof | 1:45 to 2:00PM 1/7/22 | Room No - N516 |
| 5 | NEEE05 | DC -AC –DC LLC Resonant Converter With Reduce Switches Ms Renuka S ¹ , Mrs Nisha C Rani ² ¹ Mtech Power Electronics, ² Asst Prof | 2:00 to 2:15PM 1/7/22 | Room No - N516 |
| 6 | NEEE06 | Design of a Seven Level Multi Level Inverter with Reduced Switches Latif unnisa ¹ , Jayakumar N ² , Someswari T ² ¹ Mtech Power Electronics, ^{2,3} Asst Prof | 2:15 to 2:30 1/7/22 | Room No - N516 |
| 7 | NEEE07 | Power Loss and Electrical Thermal in EV Drive Train System Karishma J M ¹ , Devi Vighneshwari B ² , Sumitha T L ² ¹ Mtech Power Electronics, ^{2,3} Asst Prof | 2:30 to 2:45 1/7/22 | Room No - N516 |
| 8 | NEEE08 | Reduction of Total Harmonics for Three Phase Inverter by using PWM Techniques B Sneha ¹ , Dr.Bharath V S ² , Raichel Ruby ² ¹ Mtech Power Electronics, ² Prof & HOD, ³ Asst Prof | 2:45 to 3:00 1/7/22 | Room No - N516 |
| 9 | NEEE09 | Battery Management System of Electric Vehicle SingamsettiJayahari ¹ , Sneha V ² , Sushma S ³ , Mamatha G ⁴ , Dr.Bharath V S ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Prof/ HOD EEE | 3:00 to 3:15PM 1/7/22 | Room No - N516 |
| 10 | NEEE10 | Smart Security System BRM Trigunyeshwari ¹ , Deepa Kiran ² , Pooja Prabhu ³ , Rakshitha S ⁴ , Sandhya Rai ⁵ Resna S R ⁶ ^{1,2,3,4} EEE Final Year, ^{5,6} Assistant Professor | 3:15 to 3.30 PM 1/7/22 | Room No - N516 |
| 11 | NEEE11 | Footstep Power Generation Using Piezo Electric Sensors Pooja M ¹ , Preethi B ² , Rishika S R ³ , Vidhyashree J ⁴ , Raichel Ruby ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Assistant Professor | 3:30to 3.45 PM 1/7/22 | Room No - N516 |
| 12 | NEEE12 | IoT Based Development of Smart Dustbin with Monitoring and Tracking System Harshith J G ¹ , Gagana S M ² , Nisha H N ³ , Sandeep ⁴ , Jayakumar N ⁵ , Devi Vighneshwari B ⁶ ^{1,2,3,4} EEE Final Year, ^{5,6} Assistant Professor | 3:45to 4.00 PM 1/7/22 | Room No - N516 |



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| 13 | NEEE13 | An IoT Based Approach for Monitoring Solar Power Consumption with Adafruit Cloud Sushma S Bilidale ¹ , Vikrant ² , Yousuf Ahmed ³ , Javeriya Sadaf ⁴ , Resna S R ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Assistant Professor | 4.00 to 4.15 PM 1/7/22 | Room No - N516 |
| 14 | NEEE14 | EV Charging Station using Renewable and Non Renewable Energy Resources Supriya A J ¹ , Akshatha ² , Manjula S ³ , Preetha S ⁴ , Sumitha T L ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Assistant Professor | 4.15 to 4.30 PM 1/7/22 | Room No - N516 |
| 15 | NEEE15 | Automatic Self Driving Cars Nithya N ¹ , Kusuma G Naik ² , Surya B ³ , Shivaprasad L Kulkarni ⁴ , Dr. Bharath V S ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Prof & HOD | 4.30 to 4.45 PM 1/7/22 | Room No - N516 |

DAY-2 SESSION 2/7/22

Key Note Session by Dr. Y R Manjunatha on "Emerging Trends and Applications of Multilevel Inverters in Power Electronics." 10:00AM to 11:00AM

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| 2 | NEEE16 | Smart hand gesture recognition glove with audio output Pavithra S ¹ , Kumar P ² , Sudharshan T Bhat ³ , Manoj R ⁴ , Sandhya Rai ⁵ , Raichel Ruby ⁶ ^{1,2,3,4} EEE Final Year, ^{5,6} Assistant Professor | 9:15 to 9:30 AM 2/7/22 | Room No - N516 |
| 3 | NEEE17 | IoT Based Automatic Solar Panel Cleaning System for Dust Removal D Pallavi ¹ , A S Jeevitha ² , Akhila B G ³ , Raichel Ruby ⁴ ^{1,2,3} EEE Final Year, ⁴ Assistant Professor | 9:30 to 9:45 AM 2/7/22 | Room No - N516 |
| 4 | NEEE18 | IoT Based Health Monitoring of 3 Phase Induction Motor Darshan K B ¹ , Harikrishna P A ² , Koushik K Naik ³ , Noothan Suresh D ⁴ , Nisha C Rani ⁵ , Devi Vighneshwari ⁶ ^{1,2,3,4} EEE Final Year, ^{5,6} Assistant Professor | 9:45 to 10:00 AM 2/7/22 | Room No - N516 |



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|---------------------------------------|---------------|--|---|----------------|
| 5 | NEEE19 | <p style="text-align: center;">Photovoltaic Solar Power Generation with Maximum Power Point Tracker</p> <p style="text-align: center;">Amith K N¹, Anurag Tiwari², Dildar Bhashir³, Khan Shadab⁴ , Someswari.T⁵, Raichel Ruby⁶ ^{1,2,3,4}EEE Final Year, ^{5,6}Assistant Professor</p> | 11:15 to 11:30 AM 2/7/22 | Room No - N516 |
| 6 | NEEE20 | <p style="text-align: center;">Smart Wheel Chair Using Voice, Gesture and Eye Movement Recognition</p> <p style="text-align: center;">Suharsha L¹, Aishwarya A K², Ashwini M R³, Sanjana KG⁴ , Sumitha T L⁵ ^{1,2,3,4}EEE Final Year, ⁵ Assistant Professor</p> | 11:30 to 11:45 AM 2/7/22 | Room No - N516 |
| 7 | NEEE21 | <p style="text-align: center;">IoT Based Smart Headgear</p> <p style="text-align: center;">Rohit Nayak S¹, Govardhan Reddy², Harsha Vardana Reddy K S³, Vijetha M G⁴, Resna S R⁵ ^{1,2,3,4}EEE Final Year, ⁵ Assistant Professor</p> | 11:45 to 12:00 PM 2/7/22 | Room No - N516 |
| 8 | NEEE22 | <p style="text-align: center;">Smart Distribution Board and Home Automation with IoT Integration</p> <p style="text-align: center;">Naveen C¹, Kushal R S², Karthik³, Suraj R⁴, Poornima⁵ ^{1,2,3,4}EEE Final Year, ⁵ Assistant Professor</p> | 12:00 to 12:15PM 2/7/22 | Room No - N516 |
| 9 | NEEE23 | <p style="text-align: center;">Use of Super Capacitors in Permanent Magnet Synchronous Motor Drive for E- Mobility</p> <p style="text-align: center;">Sahana G H¹, Roshan S Teligi², ShashiKumar M³, Abhilash D S⁴, Jayakumar N⁵, Nisha C Rani⁶ ^{1,2,3,4}EEE Final Year, ^{5,6} Assistant Professor</p> | 12:15 to 12:30PM 2/7/22 | Room No - N516 |
| 10 | NEEE24 | <p style="text-align: center;">Simulation of Design and Implementation of Solar Power Wireless Battery Charger using Simulink</p> <p style="text-align: center;">Navya KA¹, Sathish Reddy N², Manik Belure³, Somewari.T⁴ , Sumitha T L⁵ ^{1,2,3}EEE Final Year, ^{4,5} Assistant Professor</p> | 12:30 to 12:45PM 2/7/22 | Room No - N516 |
| LUNCH BREAK 12:30PM to 1:30 PM | | | | |



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| 11 | NEEE25 | Analysis and Design Intelligent UPS System for Smart Grid Akshay Kumar B S ¹ , G Sanjay Raju ² , Mallesh K ³ , Rakesh Raik K ⁴ , Sumitha T L ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Assistant Professor | 1:30 to 1:45PM 2/7/22 | Room No - N516 |
| 12 | NEEE26 | Design and construction of automatic star delta starter Gururaj ¹ , Gautham M R ² , Yatheesh M ³ , Dr. Bharath V S ⁴ , Poornima ⁵ ^{1,2,3} EEE Final Year, ⁴ Prof & HOD ⁵ Assistant Professor | 1:45 to 2:00PM 2/7/22 | Room No - N516 |
| 13 | NEEE27 | Energy Efficient Hybrid Dual Axis Solar Tracking System with Weather Sensor Aman Singh R ¹ , Mohammed Mubarak ² , Lokesh ³ , Raghunandan ⁴ , Poornima ⁵ ^{1,2,3,4} EEE Final Year, ⁵ Assistant Professor | 2:00PM to 2:15PM 2/7/22 | Room No - N516 |
| VALEDICTORY FUNCTION 2:30 to 4:15PM | | | | |



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