

Session Schedule for the Conference on Applied Research (CAR- 2024)

Venue: PSG CARE Seminar Hall G 202

Session I: Morning Session, Date: 13.07.2024, Time: 09.00 AM -12.30 PM

Subject: Medical Sciences

Break Time: 10.30 AM to 10.45 AM

Chair: Dr. M. Ramanathan, PSG College of Pharmacy

Co-Chair: Dr. J. Baskaran, PSG CARE Publication Support Cell

| Sl.No | Title |
|--------------|--|
| 1 | A Clinical Review On Precocious Puberty And Its Impact On Development Of Polycystic Ovarian Syndrome |
| 2 | Classification and Detection of Diabetic Retinopathy using DL Techniques : A review |
| 3 | Detecting Mental Disorders with Facial Expression Emotion Recognition: A Survey |
| 4 | Evaluation Of Morphological Characteristics For Detecting Cervical Spine Herniation: A Comprehensive Study |
| 5 | Insights into Megaloblastic Anaemia: Etiology, Prevalence, and Impact |
| 6 | Malnutrition And Female Infertility |
| 7 | Mneumonics And Mind Mapping To Enhance Memory |
| 8 | Predicting pediatric health: A machine learning approach to epidemic modeling |

Session Schedule for the Conference on Applied Research (CAR- 2024)

Venue: PSG CARE Seminar Hall G 202

Session II: Afternoon Session, Date: 13.07.2024, Time: 01.30 PM - 04.30 PM,

Subject: Basic Sciences

Break Time: 02.45 PM to 03.00 PM

Chair: Dr. K K. Venkatraman, Co Chair – Dr. D. Johnravindar, PSG Institute of Advanced Studies

| Sl.No | Title |
|--------------|--|
| 1 | A review on modification of properties of silicone-acrylate resins |
| 2 | Microstructural Evolution and Heat Treatment Perspective of Thermally Sprayed High Entropy Alloy Bond Coat: A Review |
| 3 | The use of silver nanoparticles against aflatoxin contamination in crops mechanism, challenges and future scope |
| 4 | An Algorithmic Approach to Eco-Friendly Practices Utilizing Graph Theory |
| 5 | Dynamical Analysis and Optimal Harvesting of the Four Species Lotka-Volterra Prey-Predator Population System |
| 6 | A Comprehensive Review on Metal Nanoclusters for Optoelectronic Applications |
| 7 | A Review on ZnO Nanostructured based Dye - Sensitized Solar Cells |
| 8 | Designing Workwear for Textile Industry Workers Using Pre-consumer Textile Waste |
| 9 | Up-scaling of textile microfibers for Industrial effluent treatment |
| 10 | Metaverse Mavericks: Embracing Opportunities Across The Metaverse Landscape |
| 11 | Prediction and Analysis of Water Quality - A Review |
| 12 | A Study of Graph Theoretic Approach to Analyse Neurological Network for Identifying Brain Disorders |

Session Schedule for the Conference on Applied Research (CAR- 2024)

Venue: Venue: PSG CARE Seminar Hall G 203

Session I: Morning Session, Date: 13.07.2024, Time: 09.00 AM-12.30 PM,

Break Time: 10.30 AM to 10.45 AM

Subject: Energy

Chair : Dr. S. Kanthalakshmi, PSG College of Technology

| Sl.No | Title |
|--------------|--|
| 1 | A Bibliometric and Systematic Review on Identifying Criteria using AHP for location/site analysis of photovoltaic power plant installation |
| 2 | A Comprehensive Review on Recent Advancement in Transformation Techniques for Epileptic Seizure Detection |
| 3 | Photocatalytic Fuel Cells (PFC) for Simultaneous Water Treatment and Green Energy Production: Recent Advances and Future Prospects |
| 4 | Recent Advances in Paper Batteries |
| 5 | A Review on Biosensor for detection of Cardiovascular Biomarkers |
| 6 | Indium oxide based methane gas sensors: A brief review |
| 7 | Recent Trends and Industrial Prospects of Incremental Forming- A Review |

Session Schedule for the Conference on Applied Research (CAR- 2024)

Venue: PSG CARE Seminar Hall G 203

Session I: Morning Session, Date: 13.07.2024, Time: 09.00 AM-12.30 PM,

Break Time: 10.30 AM to 10.45 AM

Subject: Computer Applications

Chair: Dr L.S. Jayashree, PSG College of Technology

| Sl.No | Title |
|--------------|--|
| 1 | A Review on IoT based sensor for detection of heavy metals in water |
| 2 | Machine Learning Algorithms for Water Management - A Survey |
| 3 | Recent Trends In Data Security Of Internet Of Medical Things |
| 4 | Review paper on IOT based waste Management system for smartcity |
| 5 | Security Enhancements through BlockChain Technology for Health Care Applications |
| 6 | Development Of Evaluative Ai Tool In Nursing Education |
| 7 | Awareness about Developing Technologies to Detect Cancer in Its Early Stage |

Session Schedule for the Conference on Applied Research (CAR- 2024)

Venue: PSG CARE Seminar Hall G 203

Session II: Afternoon Session, Date: 13.07.2024, Time: 01.30 PM - 04.30 PM

Break Time: 02.45 PM to 03.00 PM

Subject: General Sciences

Chair : Dr N. Vivek, PSG Institute of Management &

Dr. R. Swarnalatha, PSG College of Arts and Science

| Sl.No | Title |
|--------------|--|
| 1 | Behavioral changes through compulsive habits in adolescents - An Experimental Study |
| 2 | Empowering Voices: The Significance of Effective Communication among Women Engineering Students |
| 3 | Enhancing The Economic Well-Being Of Tribal Communities In Western Ghats Through Digital Marketing Of Non-Timber Forest Products (Ntfps) |
| 4 | Hybrid Teaching Learning Environment: The Role and Impact of Teacher Efficacy in learning Outcome of Higher Education Students in Coimbatore |
| 5 | Moderated Mediation Effect On Consumer Behaviour Towards Apple's Carbon-Neutral Products |
| 6 | Review of Literature on The Transformative Potential and Challenges of Artificial Intelligence in Education |
| 7 | Socio-Economic Impact of Rural Farmers under Pradhan Mantri Fasal Bima Yojana (PMFBY) |
| 8 | Sustainability In Luxury: Assessing The Impact Of Eco-Friendly Products In Star Hotels |
| 9 | The Influential Tomes of Literature that Shaped the World for the Amelioration of the Human Condition |
| 10 | Uplifting Kurumba Tribal Women Empowerment through Digital Entrepreneurship: Social and Economic Perspective |
| 11 | Perur Pattiswarar temple sculptures and patterns |