

List of selected Abstract for Oral Presentation

Sl. No	Name	Title of the Abstract	Affiliation	City	Country
1	Dr Sreenidhi P R	Flexible PVDF-SrTiO ₃ Piezoelectric NanoGenerator (PENG) for Energy Harvesting	Department of Electronics and Communication Engineering, Amrita School of Engineering, Amritapuri	Kollam	India
2	B. ARJUNKUMAR	Phyto-extract assisted and Liquid Phase Exfoliation of MoS ₂ Nanosheets for efficient counter electrode for DSSC	Department of Nanoscience and Technology, Alagappa University	Karaikudi	India
3	Mohammed Mudassir	DEVELOPMENT AND STUDY OF CO ₂ ADSORPTION ON NOVEL N-AC-NANOALUMINA COMPOSITE DERIVED FROM SEA ALMOND SHELL	School of Materials Science and Engineering ,NITC	Kozhikode	India
4	Dr. Arun.K.J	Development of PVDF/Pr ₂ O ₃ Nanocomposite Films for Biomedical Sensing and Energy Harvesting	Department of Physics, Sree Kerala Varma College	Thrissur	India
5	Dr. S. Saravanan	Light harvesting enhancement in ultrathin silicon solar cells using photonic and plasmonic nanostructures	Swarnandhra College of Engineering & Technology	Narsapur	india
6	LAKSHMI PRABA P	Studies on Electrospun Polyvinylidene Fluoride/Aliphatic Hyperbranched Polyester (Generation-1) Blend based Piezoelectric sensors	Department of Chemistry, Vellore institute of technology	Dindigul	India
7	Neeru Sharma	Development of Green Synthesized Reduced Graphene Oxide based Gas Sensor	Department of Physics, Malaviya National Institute of Technology Jaipur	Jaipur	India
8	Mr. Amar Ratan	Physio-chemical influence of high electron-phonon coupling induced by 120 MeV Ag ⁹⁺ SHI irradiation on exfoliated MoS ₂ - PVA nanocomposite films for achieving remarkable electrical conductivity for potential application in organic electronics	Guru Gobind Singh Indraprastha University	New Delhi	India
9	Dr. Jignesh Valand	Significant role of molybdenum promoted TiO ₂ catalysts for carbon nanotubes production and their polymer nanocomposites	Department of Materials Science, Sardar Patel University	Vallabh Vidya	India
10	Suman Mandal	Moisture induced ionic dielectric layer based flexible organic field-effect transistor for humidity sensing applications	Indian Institute of Technology Kharagpur	KHARAGPUR	India
11	Narinder Kaur	Growth of specific geometries such as cubes of In ₂ S ₃ for PEC water splitting by hydrothermal technique	Physics Department-IIT Delhi	Delhi	India
12	Nathiya D	Effective Interaction of Polypyrrole Nanotubes Decorated Aminated Gum Acacia based Composite and its Biomedical Application	Department of Bioelectronics and Biosensors, Alagappa University	Karaikudi	India

13	Arulraj Arunachalam	Anomalous Photoconductivity Behaviour of Perovskite Structured SrTiO ₃ Nanomaterials for Optoelectronics Applications	GAMRG and Sunway University	Selangor	Malaysia
14	Aswanidevi K	Custom-made Bimodal Porous Monoliths as Probe Anchoring Platforms for the Selective Detection of Co ²⁺ ions	Department of chemistry, Vellore institute of technology (VIT)	Vellore	India
15	Dr. POONAM R. KHARANGAL	FABRICATION OF NiCo ₂ O ₄ /GQD COMPOSITES AS A SUPERIOR	DEPARTMENT OF PHYSICS AND ASTROPHYSICS, UNIVERSITY OF DELHI	DELHI	INDIA
16	S.Charanya	A Flexible Biomechanical TENG based Keypad for Self-Powered Security Applications	Department of Sensors and Biomedical Technology	Vellore	India
17	Dr. SABARINATH. S	DEVELOPMENT OF A NANOLUBRICANT FROM PONGAMIA (millettiapinnata) OIL USING SUITABLE ADDITIVES	Assistant Professor, Mechanical Engineering, Saintgits College of Engineering,	Kottayam	India
18	AISWARYA SATHIAN	NANOSTRUCTURED EDIBLE COATINGS FOR FRUITS AND VEGETABLES CONTAINING HYBRID SYSTEM OF POLYMER AND LIPID	MOUNT CARMEL COLLEGE,AUTONOMOUS,BENGALURU.	BENGALURU	India
19	Dr. Syam G. Krishnan	Microwave-Assisted Hydrothermal Synthesis of CuCo ₂ O ₄ Hierarchical Nanostructures as a Supercapattery Electrode	Graphene and Advanced 2D Materials Research Group, School of Science and Technology, Sunway University	Bandar Sunwa	Malaysia
20	Dr. V. M. Berlin Grace	Liposome Nano-formulation with Cationic polar lipid DOTAP and Cholesterol as a Suitable pH Responsive Carrier for the Molecular Therapeutic Drug all trans Retinoic Acid Delivery to the Lung Cancer Cells	Professor, Department of Biotechnology, Karunya Intitute of Technology and Sciences	Coimbatore	India
21	Pugazhendhi K	Ultra-long Single Crystalline Titania Nanowire Bristles for Electrochemical Applications	Loyola Institute of Frontier Energy (LIFE), Loyola College	Chennai	India
22	Satendra Kumar	Defect engineered graphene growth on Cu foil through RTP-CVD	CSIR-AMPRI	Bhopal	India
23	Nupur Ojha	Green synthesis of palladium nanoparticles and its application for fabricating antimicrobial PHBV/Pd nanocomposite as food packaging material	Department of Biomedical Sciences, School of Bio Sciences & Technology (SBST), Vellore Institute of Technology, Vellore	VELLORE	India
24	BALARAMESH.P	Influence of Organosulphur Additives on Autocatalytic Copper Thin film Deposition	CHEMISTRY, R.M.K.ENGINEERING COLLEGE	CHENNAI	INDIA
25	Gagik Shmavonyan	SUBSTRATES RUBBING TECHNOLOGY FOR MASS PRODUCTION OF TWO-DIMENSIONAL ATOMIC MATERIALS, STRUCTURES AND DEVICES	Department of Microelectronics and Biomedical Devices, National Poltechnic Universit of Armenia	Yerevan	Armenia
26	Rohit Ranjan Srivastava	Selective and Sensitive Detection of Ferric Ion Fluorescent Tin Disulfide Quantum Dots and Detailed Study of its Fluorescence Quenching Mechanism	Department of Physics, Institute of Science, Banaras Hindu University, Vranasi-221005	Varanasi	India
27	Kusuma Urs M B	Multi-component (Ag-Au-Cu-Pd-Pt) Alloy Nanoparticles Decorated p-type 2D- Molybdenum Disulphide (MoS ₂) for Enhanced Hydrogen Sensing	School of Physics, Indian Institute of Science Education and Research(IISER), Thiruvananthapuram	Trivandrum	India
28	Sumit Kumar Pandey	Development of Multiwalled Carbon Nanotube Filter for Toxins Removal from Cigarette Smoke	Department of Physics, Institute of Science, Banaras Hindu University	Varanasi	India
29	Sagarika Bhattacharya	Fluorescent self-healing carbon-dot polymer gel	Ben Gurion University of the Negev	Kolkata	India
30	Dr. Rachna	Employment of bilirubin oxidase enzyme nanoparticles onto electrode for diagnosis of jainudice	Dept. of Physics and Astrophysics	Rohtak	India
31	Hana Soualah Alila	Silver Nanoparticles by a Novel Irradiation Method Without a Reducing Agent and Their Impact on Pathogenic Bacterial Strains	Mohamed-Cherif Messaadia University - Souk Ahras (Algeria)	Souk Ahras	Algeria

32	MANAS RANJAN PANDA	Layered 2H-MoTe ₂ : A Novel Anode Material For Sodium Ion Battery	IITB Monash Research Academy, Bombay, Powai, Mumbai 400076, India Department of Energy Science and Engineering, Indian Institute of Technology Bombay, Powai, Mumbai 400076, India Department of Materials Science and Engineering, Monash University, Clayton, Victoria 3800, Australia Nanoscale Science and Engineering Laboratory (NSEL), Department of Mechanical and Aerospace Engineering, Monash University, Clayton, Victoria 3800, Australia	Mumbai	India
33	Kouadri hicham	EFFECT OF INCORPORATION OF CLAY AND ZINC OXIDE NANOPARTICLES ON THE RHEOLOGICAL; THERMAL PROPERTIES, OF POLYPROPYLENE (PP)/AND HIGH DENSITY POLYETHYLENE (HDPE)/CLAY NANOCOMPOSITE.	CRAPC	Setif	Algerie
34	Bouriche Ouahiba	ELECTROCHEMICAL AND SPECTROSCOPIC CHARACTERIZATION OF A NEW POLYMER BASED ON ERIOCHROME BLACK T (EBT) DOPED BY CARBON NANOTUBES	CRAPC	Setif	algerie
35	Naresh R	Porous Architecture 3D-Carbon for Enriching Br-/Br ₂ Redox Kinetics in Zinc Bromine Flow Battery	CSIR-Central Electrochemical Research Institute	Karaikudi	India
36	ABHAY VIVEK AGRAWAL	Controllable growth of vertical MoS ₂ flakes and their application to develop high-sensitive and room temperature H ₂ sensors and broadband photodetector	Department of Physics, IIT Ropar	Ropar	India
37	Dr.Deepak Kumar Panda	AlGa _N /Ga _N HEMT based Biosensor Model for Detection of CerbB2 Protein	VIT-AP UNIVERSITY	Amaravati	India
38	Dr. Bagavathi Muniyandi	A Facile One-step Electrophoretic Deposition of Co-Fe LDHs for Supercapacitors	College of Energy, Xiamen University	Xiamen	China
39	SHRABANI GHOSH	Binder free hexagonal nickel diselenide on flexible substrate: bifunctional electrode for water splitting at different pH	JADAVPUR UNIVERSITY	KOLKATA	INDIA
40	MAYANK KUMAR SINGH	Cu-MOF Interwoven rGO as a High Capacity Supercapacitor Electrode Material	Indian Institute of Technology Indore	Indore	India
41	Dr. Vinsensia Ade Sugiawati	All-Solid-State Batteries Based on Self-Organized Titania Nanotubes	Mines Saint-Etienne	Gardanne	France
42	ANJANA.P.M	2D flexible graphite oxide sheets for supercapacitor application	Department of Physics, University of Kerala, Karyavattom, Trivandrum	Thiruvananthapuram	India
43	Viney Ghai	Ultra-Dark Flower Carbon Nanotubes for Passive Camouflage	Indian Institute of Technology Ropar	Rupnagar	India
44	Madhupriya Samanta	Efficient advanced oxidation process for textile waste water treatment	Jadavpur University	Kolkata	India
45	Swati Parmar	Structural and Electrical Properties of 2D/2D MoS ₂ -hBN Mosaic Structure and Triboelectric Nanogenerator Application	Savitribai Phule University and IISER-Pune	Pune	India
46	Faheem K. Butt	Microwave-assisted Synthesis of Two Dimensional g-C ₃ N ₄ Nanosheets and their Application as an Electrode Material for Supercapacitors	University of Education Lahore, Pakistan	Lahore	Pakistan
47	Dr.S.RANJITHA	Fabrication of efficient ZnO@B and S codoped g-C ₃ N ₄ hetero junction photo catalysts for reduction CO ₂ to solar fuels	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE	ERODE	INDIA

48	K SURESH BABU	Transition Metal anchored Semiconductor Metal Oxide (TM-SMO) nanoparticles electrocatalysis for hydrogen evolution reactions (HER)	Humanities and Sciences - CHEMISTRY / RAJALAKSHMI ENGINEERING COLLEGE	CHENNAI	INDIA
49	mukesh pandey	Uniaxial strain effects in electrostatically deposited Graphene- MoS ₂ heterostructure	IIT ROPAR	Rupnagar	India
50	Mohammad Gayoor Khan	Nanotechnology Based Carrier for Delivery of Albendazole: A Supersaturated Self-Nanoemulsifying Drug Delivery System	Department of pharmacy; Truba college of pharmacy	bhopal	India
51	Asia Sarycheva	Raman spectroscopy reveals the effect of synthesis conditions on Ti ₃ C ₂	Drexel University	Philadelphia	USA
52	JAMILUR RAHMAN ANSARI	Self-assembled fractal structure of luminescent silver nanoparticles as SERS-Active substrate	PDM UNIVERSITY, BAHADURGARH	NEW DELHI	INDIA
53	Israt Ali	Humidity responsive Polymer/Gold nanoparticles based hybrid Aerogel for real time Monitoring of Human breath	Chinese Academy of Sciences	Fuzhou	China
54	Mrinmoy Garai	Wide Thermal Expansion in Ag ₀ /Au ₀ Nanoparticle doped SiO ₂ -MgO-Al ₂ O ₃ - B ₂ O ₃ -K ₂ O-MgF ₂ Glass-ceramic Sealant (SOFC)	DGAQA, Ministry of Defence, Koraput	Koraput	India
55	Dhayanantha Prabu Jaihindh	Deep Eutectic Solvents assisted fabrication of hierarchical nano/micro structured materials for Energy and Environmental Applications	National Dong Hwa University	Hualien	Taiwan
56	Kogularasu Sakthivel	Fabrication of an Effective Working Electrode; Based on Ag-Decorated GaN Nanorods	Department of Photonics, National Cheng Kung University	Tainan City	Taiwan
57	ROHITH R	MoS ₂ nanoflower coated carbon fabric as a flexible electrode for supercapacitors	M.Phil. Scholar, Department of Physics, Karyavattam	Thiruvananthapuram	India
58	Vadim A. Borisov	Ruthenium catalysts for the synthesis and decomposition of ammonia for the development of hydrogen energy.	Center of New Chemical Technologies BIC, Boreskov Institute of Catalysis	Omsk	Russia
59	RICHA DUBEY	Machine learning enabled in-operando performance prediction of Biomass-derived electrodes for flexible asymmetric supercapacitor	SENSE, VELLORE INSTITUTE OF TECHNOLOGY	CHENNAI	INDIA
60	Dr.K.Karthik	Lithium garnet integrated polymer blend nanocomposite 3D electrospun fibrous membrane for high performance lithium metal batteries	Physics & Pondicherry University	Puducherry	India
61	ANURAG ROY	Twofold Role of Tungsten Oxide for Carbon-based Ambient Perovskite Solar Cells	University of Exeter	Penryn Campus	UK
62	José Eduardo Santana	Doped and metalized silicon nanowires as urea sensor: a DFT investigation	Instituto Politécnico Nacional	Mexico	México
63	Janith Sajitha Weerasinghe Adikaram Mudiyansele	Atmospheric Pressure Non-Thermal Plasma Assisted Preparation of Gold-Silver Alloy Nanoparticles for Biomedical and Catalytic Applications	Queensland University of Technology	Brisbane	Australia
64	RAVINDRA KUMAR	Synthesis of two-dimensional α -MoO ₃ for high-speed Nanoelectronics	Department of Physics iit madras	chennai	India
65	BHAVANARI MALLIKARJUN	Directional Interfacial Charge Transport of the MoS _x -on-Nitrogen Doped Graphene for High-Efficiency Hydrogen Evolution Reaction	Graduate Institute of Energy Engineering, National Central University	Jhongli Taoyuan	Taiwan
66	Shanmugapriya T	Pt- free Graphene oxide nanocomposites as a cost effective counter electrode in Natural Dye sensitized solar cell application	Physics department in PSGR Krishnammal college for women	Coimbatore	India

67	Dr. Rimpa Jaiswal	Microwave assisted low band gap Fullerene-water soluble polythiophene dyad materials and their Electrochemical Property	DMSRDE, DRDO	Kanpur	India
68	Kruti Krishna Halankar	Three-dimensional self assembled MoS ₂ /C/CNT nano composite as an anode for superior performance in lithium ion batteries	Bhabha Atomic Research Centre	MUMBAI	India
69	JOYDIP GHOSH	Solid-State Synthesis of Stable and Color Tunable Cesium Lead Halide Perovskite Nanocrystals and Mechanism of High-Performance Photodetection in a Monolayer MoS ₂ /CsPbBr ₃ Vertical Heterojunction	INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI	GUWAHATI	India
70	MONOJIT MONDAL	Microwave synthesized Manganese Vanadium Oxide: High performing electrode material for energy storage	SCHOOL OF NANO SC. & TECH., IIT KHARAGPUR	KOLKATA	India
71	Gema Gonzalez Vazquez	LUMINESCENCE CHITOSAN WITH ADDITION OF LI SALTS	school of physical sciences and nanotechnology	Urcuqui	Ecuador
72	DEVIKA LAISHRAM	Nitrogen Enriched Carbon Spheres as Electrode Materials for Dye-Sensitized Solar Cells	CHEMISTRY, IIT JODHPUR	jodhpur	India
73	SUVANKAR SEN	Study of Chemical Changes Occurring in Cs-halide Perovskites under Atmospheric Plasma Treatment Using ToF-SIMS for Optoelectronic Applications	Centre for Nanotechnology Research (CNR) / Vellore Institute of technology (VIT) and Prashant Sonar Research Group / Queensland University of Technology (QUT)	Brisbane	Australia
74	Baalamurugan J	ANTIBACTERIAL EFFICACY OF STEEL SLAG BASED IRON OXIDE (Fe ₂ O ₃) NANOCOMPOSITES	Nanoscience & Materials Chemistry Division, Centre for Ocean Research, Sathyabama Institute of Science and Technology	Chennai	India
75	Manikandan R	Molybdenum disulfide-Graphene nanocomposite electrodes for flexible supercapacitor application	School of Electronics Engineering, Vellore Institute of Technology, Chennai Campus	Chennai	India

Thank you for your interest in submitting your abstract to VCAN2020. Due to the overwhelming response from participants across the globe and want of time for the oral presentations we had to shortlist only 75 abstracts for oral presentation at VCAN2020. We regret to inform that the names of participants not found in the above list indicate that their abstracts have not been shortlisted.

However, irrespective of the decision, we encourage the submission of full papers for publication in any of the two journals listed on the