



## Dr. M. VARUSAI MOHAMED

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Tiruchirappalli - 620 021.

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### Personal Details

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- ◆ **Date of Birth** : 24/10/1981
- ◆ **Marital Status** : Married
- ◆ **Nationality** : Indian
- ◆ **Religion** : Muslim
- ◆ **Gender** : Male
- ◆ **Office Address** : PG & Research Department of Chemistry (SF) Jamal Mohamed College  
(Autonomous) Tiruchirappalli – 620 020 Tamil Nadu, India.
- ◆ **Employee No.** : JMCMTS0159

### Objective

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To work with best of my abilities and skills in order to benefit my organization also to be better other in this competitive Time an influential position in the organization.

### Experience

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- ◆ **Jamal Mohamed College (Autonomous)** 12.07.2017 - Till date  
Assistant Professor

### Education

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<b>Bharathidasan University, Jamal Mohamed College (Autonomous)</b> B.Sc., Chemistry 59 %	2004
<b>Alagappa University</b> M.Sc., Chemistry 60 %	2015
<b>Bharathidasan University, Jamal Mohamed College (Autonomous)</b> M.Phil., Chemistry 65 %	2017
<b>Bharathidasan University, Jamal Mohamed College (Autonomous)</b> Ph.D. Chemistry 'A' Grade	2023

## Skills

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- ♦ 1. Self-motivated 2. Driven and hardworking 3. Team work and coordination 4. Working with a multitude skill 5. Working without any time constraint

## Projects

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- ♦ Nano synthesis  
Guided project for M.Sc. students  
2017 – 2025 - 29 students

## Research Identity

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- ♦ ORCID ID:<https://orcid.org/my-orcid? orcid=0000-0001-9776-707X>
- ♦ Google Scholar:<https://scholar.google.com/citations?user=x10lz2IAAAAJ&hl=en>
- ♦ Researchgate: <https://www.researchgate.net/>

## Publications

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- ♦ Facile Green Synthesis of Undoped ZnO and Copper-Doped Zinc Oxide Nanoparticles using *Albizia lebeck* leaf extract: Electrochemical Insights and Anti-corrosion Potential  
**Journal of Bio-and Tribo-Corrosion, September 2024, 10:113**
- ♦ Investigations on the microbial activity and anti-corrosive efficiency of nickel oxide nanoparticles synthesized through green route  
**Z. Phys. Chem. 2024, April 2024**
- ♦ Investigation on the Corrosion inhibition efficiency of 2,4-diphenyl-3-aza bicyclo [3.3.1] nonan-9-one in carbon steel immersed in acidic media  
**Chemical Physics Impact, Volume 8, February 2024, 100521**
- ♦ Corrosion behavior of 18/8 orthodontic wire in artificial saliva in the presence of an aqueous extract of *spillanthes acmella* leaves  
**International Journal of Corrosion and Scale Inhibition, Volume 13, January 2024, 21-37**
- ♦ Corrosion mitigation on orthodontic wire made of SS 18/8 alloy using esomeprazole tablet (Esiloc-40 mg) in artificial saliva  
**Journal of Saudi Chemical Society, Volume 27(4), July 2023, 101681**
- ♦ Green Synthesis, Characterization and Photocatalytic Applications of CeO<sub>2</sub> Nanoparticles using Leaf Extract of *Psidium guajava*  
**Bulletin of Environment, Pharmacology and Life Sciences; (479 - 485), (1) (Sp) Year 2022.**
- ♦ Synthesis and Zn Doping's Impact on CeO<sub>2</sub> Nanoparticles for Improved Photocatalytic Evaluation, Antibacterial and Anticancer Analyses  
**International Journal of Zoological Investigations;(52 - 66), (2), (Sp) Year 2022.**
- ♦ *Abrus precatorius* leaf aqueous extract as a corrosion inhibitor on Mild steel in 1.0 M HCl solution.  
**International Journal of basic and applied research, 9(2), 438-450, 2019.**
- ♦ INHIBITION OF CORROSION OF MILD STEEL IN 1.0 M HCl BY 1-MORPHOLINO- 1-(p- TOLYL) PENTAN-3- ONE  
**European Journal of Biomedical and Pharmaceutical sciences;(2349-8870), (5), (2) Year 2018.**

## Research Area of Interest

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- ♦ **Bio - Green Nano Synthesis, Phytochemical studies, Electrochemical studies, Microwave assisted synthesis**

## Responsibilities Undertaken

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- ♦ **Jamal Innovation and Incubation Centre (JIIC) & IPR and Technology Transfer Facilitation Centre (Member), Jamal Mohamed College (Autonomous), Tiruchirappalli.**
- ♦ **Sports Development Committee / Fitness Club (Member)** Jamal Mohamed College, Tiruchirappalli
- ♦ **Board of Studies (Member) PG and Research Department of Chemistry Jamal Mohamed College (Autonomous) Tiruchirappalli**
- ♦ **ERP Incharge, PG and Research Department of Chemistry Jamal Mohamed College (Autonomous) Tiruchirappalli**
- ♦ **Acted as a Resource Person for Intellectual Property Rights Cell** “The Power of Ownership: Types of Intellectual Property Rights” 23.11.2024, **Cauvery College**, Trichy
- ♦ **Acted as a Convener for Intellectual Property Rights Cell** “Road Map for Intellectual Property Rights” [8<sup>th</sup> to 12<sup>th</sup> January 2024] IPRC, IQAC and IIC, **Jamal Mohamed College**, Trichy.
- ♦ **Acted as a Convener for 8<sup>th</sup> International Conference on Recent Advances in Chemical and Environmental Research (ICRACER)** [20<sup>th</sup> December 2023] PG & Research Department of Chemistry, Jamal Mohamed College, Trichy.
- ♦ **Acted as an Organizing Secretary Member of Training Programme on** “Good Laboratory Practices” [07<sup>th</sup> March 2024] PG & Research Department of Chemistry and Internal Quality Assurance Cell, Jamal Mohamed College, Trichy.
- ♦ **Acted as an Organizing Secretary of Hands on Training Programme on** “Preparation of Chemical Solutions” [29<sup>th</sup> and 30<sup>th</sup> January 2024] PG & Research Department of Chemistry, Jamal Mohamed College, Trichy.
- ♦ **Acted as a Judge for Chem Snap a National Level Intercollegiate Extravaganza** “CHEM FEST-2024” [12<sup>th</sup> January 2024] PG & Research Department of Chemistry, Jamal Mohamed College, Trichy.
- ♦ **Acted as a Judge in Book Reading Session in Teacher Day Celebration, Organized** PG & Research Department of Chemistry, Jamal Mohamed College, Trichy, held on 05<sup>th</sup> September 2023.
- ♦ **Acted as a Judge for Chem Extempore A state level Intercollegiate Extravaganza** “CHEM FEST-2023” [01 - March -2023] PG & Research Department of Chemistry, Jamal Mohamed College, Trichy.
- ♦ **Examiner Conducted at Jamal Mohamed College**, Trichy, Central Valuation for Bharathidasan University, Trichy
- ♦ **Handling Moral Instruction Classes Undergraduate Students** [2024 to 2025]  
Jamal Mohamed College, Trichy
- ♦ **Test Incharge** PG and Research Department of Chemistry, Jamal Mohamed College, Trichy (2023 - 2025)
- ♦ **Tutor in charge** Postgraduate Men Students [2023-2024] Department of Chemistry, Jamal Mohamed College, Trichy

## Languages

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- ♦ **Tamil & English**

## Details of Book Chapter & Full Book

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- ♦ **Eco-Friendly fabrication of CuO NPs Via *Acacia Nilotica* Bark Extract: Characterization, Antibacterial Evaluation, and Future Prospects**, Chyren Publication, Haryana, 978-81-963506-2-8
- ♦ **The Nexus of Innovation and Intellectual Property Rights**, Chyren Publication, Haryana, 978-81-977777-2-1 (Full Book)

## Details of Copy Right

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- ◆ **NOVAL COMPOSITION FOR IMPROVED DELIVERY OF DRUGS WITH POOR AQUEOUS SOLUBILITY L-121329/2023 Copyrights with regard to the work**

## Details of Patent Filed

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- ◆ **Patent filed in Government of India (Docket No: 24032)  
Microwave assisted one pot method for synthesizing fluorescent carbon dots from chayote seeds  
25.03.2023**
- ◆ **Patent filed in Government of India (Design No: 423982-001)  
Advanced MHP Synthesis Chamber 20.07.2024**

## SWAYAM/NPTEL ONLINE COURSE

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- ◆ **NEP 2020 Orientation & Sensitization Program**  
Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, on  
05-08-2024 to 14-08-2024
- ◆ **SWAYAM**  
Roadmap for Patent Creation (March 2024)
- ◆ **SWAYAM**  
National Educational Policy – 2020: Professional Development Programme (February 2024)
- ◆ **NPTEL**  
Industrial Inorganic Chemistry (SEP 2021)
- ◆ **ARPIT - SWAYAM**  
Online Refresher Course in Chemistry for Higher Education ARPIT (FEB 2020)

## Details of Papers Presented

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- ◆ Advanced Oxidation Processes (AOP'2017)  
**Bharathidasan Institute of Technology (BIT Campus), Anna University, and Tiruchirappalli during  
17<sup>th</sup> to 19<sup>th</sup> December 2017.**
- ◆ Emerging Trends in Chemical Sciences (ICETCS- 2019) **Arulmigu Palaniandavar Arts and College for  
Women, Palani, during 6<sup>th</sup> September 2019.**
- ◆ Green Synthesis and Characterization of Pure MgO Nanoparticles  
**Bannari Amman Institute of Technology, Sathyamangalam, and Erode on 11<sup>th</sup> & 12<sup>th</sup> October 2019**
- ◆ Synthesis and Characterization of pure CdO Nanoparticles by *C.gigantea* through Green Method  
**Jamal Mohamed College (Autonomous), Trichy - 20, on 19<sup>th</sup> January-2020**
- ◆ Antibacterial Study for the newly Synthesized  
**Department of Zoology held at Jamal Mohamed College (Autonomous), Trichy - 20, on 31<sup>st</sup> January-  
2020.**
- ◆ Synthesis and Characterization of Pure ZnO Nanoparticles Using *Murraya koenigii* Leaves Extract  
**Department of Science and Humanities held at M. Kumarasamy College of Engineering Karur, on 7<sup>th</sup>  
March 2020.**
- ◆ Synthesis, Characterization of pure CuO Nanoparticles by *Murraya Koenigii* leaves extract  
**PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy - 20, on 12<sup>th</sup>  
November 2020.**

- ♦ Green Synthesis of CuO NPs using aqueous Extract of *Saraca Asoca* leaf Extract Characterization and Antibacterial Application  
**Recent Advancements in Therapeutics, organized by the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli International 17-08-2022**
- ♦ Green Synthesis of NiO NPs using *Embllica officinalis* leaves Extract and its Antibacterial Activity **Recent Advancements in Therapeutics, organized by the Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli International 17-08-2022**
- ♦ Green Synthesis of Zn and Mg-doped ZnO NPs using plant leaves Extract and its Antibacterial potential & Characterization **Futuristic Materials in Science and Technology (NCFMST – 2023), Department of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, National 05<sup>th</sup> and 06<sup>th</sup> October 2023.**
- ♦ Green Synthesis and Characterization of Sn Doped ZnO NPs for Antimicrobial Activity, 8<sup>th</sup> International Conference on Recent Advances in Chemical and Environmental Research (ICRACER)  
**PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Trichy - 20, on 20<sup>th</sup> December 2023.**
- ♦ Herbal Medicinal Seeds Derived Carbon Dots: Synthesis and Sensing Applications, 3<sup>rd</sup> International Conference on Emerging Trends in Microbial Technology (ICETMT -2024)  
**PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Trichy, on 24<sup>th</sup> January 2024.**
- ♦ Effective Carbon Dots as an emergent class of nanocatalyst and antimicrobial agents, International Conference on Biotechnological Approaches for Global Environmental Problems  
**PG & Research Department of Biotechnology, Jamal Mohamed College (Autonomous), Trichy, on 12<sup>th</sup> February 2024.**
- ♦ Microwave synthesized Carbon Dots from *Justicia adhatoda* Leaves: Antimicrobial and Anticancer Potential, 3<sup>rd</sup> Virtual International Conference on Advances in Food and Agricultural Science and Technology (VICAFast) **Organized by Chemical Science Review and Letters NAAS Rating 4.87 | ISSN 2278-6783 on 29 & 30<sup>th</sup> June 2024.**

### **Seminars / Conferences / Workshops Participated**

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- ♦ Internal Workshop, Engineering & Precision Optics  
**Centre for Research and PG and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 4<sup>th</sup> and 5<sup>th</sup> March 2024.**
- ♦ Workshop, Research Methodology Funding Proposals  
**Care College of Engineering, Thayanur, Dindigul NH, Trichy**  
On 01<sup>st</sup> March 2024
- ♦ Workshop, Preparation of Chemical Solutions  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 29<sup>th</sup> and 30<sup>th</sup> January 2024**
- ♦ Chem Fiesta - 2024  
**PG and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 12<sup>th</sup> January 2024**
- ♦ Data Handling and Visualization Techniques using Data Structure and Python  
**Department of Information Technology, Bon Secours College for Women, Tanjavur on 02<sup>nd</sup> September 2023**
- ♦ Chem Fiesta - 2023

**PG and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27<sup>th</sup> February 2023**

- ◆ Emerging Trends in Nanoscience and Nanotechnology  
**Engineering and Technology, Srinivas University, Mangaluru, 06<sup>th</sup> & 07<sup>th</sup> August 2021.**
- ◆ NANO-BIG MIRACLES WITH SMALL PARTICLES  
**Jamal Mohamed College (Autonomous) Tiruchirappalli, 13<sup>th</sup> August 2021**
- ◆ ART OF WRITING INDEXED JOURNAL PUBLICATION  
**Department of Library Association with IQAC Cell, Jamal Mohamed College (Autonomous) Tiruchirappalli on 28<sup>th</sup> July 2021.**
- ◆ EMERGING MATERIALS FOR SOLAR HYDROGEN PRODUCTION  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli on 27<sup>th</sup> July 2021**
- ◆ IRON BASED MRI CONTRAST AGENT  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli on 17<sup>th</sup> July 2021**
- ◆ DRUG DELIVERY  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli on 06<sup>th</sup> July 2021**
- ◆ INNOVATIVE STRATEGIES IN CHEMICAL SCIENCE AND TECHNOLOGIES  
**Department of Chemistry, Bhaktavatsalam Memorial College for Women, and Chennai on 27<sup>th</sup> & 28<sup>th</sup> June 2020.**
- ◆ SMART ENGINEERING TECHNOLOGIES 2020  
**Ramco Institute of Technology, Rajapalayam, during 26<sup>th</sup> & 27<sup>th</sup> June 2020.**
- ◆ NEW PATHWAYS IN CHEMISTRY  
**Department of Chemistry of N.G. Acharya & D.K. Marathe College of Arts, Science & Commerce, on 23<sup>rd</sup> & 24<sup>th</sup> May 2020.**
- ◆ Recent Advances in Chemical Sciences  
**PG & Research Department of Chemistry, Urumu Dhanalakshmi College, Tiruchirappalli, on 2<sup>nd</sup> March 2020.**
- ◆ Staff enrichment Programme on ownership culture  
**IQAC cell, Jamal Mohamed College, Trichy on 14<sup>th</sup> June 2019.**
- ◆ Symphoria-19  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13<sup>th</sup> February 2019**
- ◆ Professional Development for Academic Leadership in Curriculum Design  
**Curriculum Development cell, Jamal Mohamed College, Trichy on 18<sup>th</sup> and 19<sup>th</sup> Jan 2019.**
- ◆ Improving teaching practices – a strategic approach  
**IQAC cell, Jamal Mohamed College, Trichy on 23<sup>rd</sup> June 2018.**
- ◆ Symphoria-18  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 20<sup>th</sup> February 2018.**
- ◆ Faculty Empowerment Programme  
**IQAC cell, Jamal Mohamed college, Trichy on 17<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> June 2017.**
- ◆ Symphoria-17  
**PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 31<sup>st</sup> January 2017.**

- ◆ Organic farming production  
**PG and Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27 and 28<sup>th</sup> January 2017.**
- ◆ E-content development for teaching –learning  
**IQAC cell, Jamal Mohamed College, Trichy on 22<sup>nd</sup> December 2015.**

### **Details of Faculty Development Programme**

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- ◆ A Five-Day Faculty Development Programme  
**organized by the Department of Microbiology via Pancha Bhoota and Indian Knowledge System (ELEMENTS-2024) from 17.10.2024 to 23.10.2024**
- ◆ A Five-Day Faculty Development Programme  
**organized by the Department of Chemistry, Kongunadu College of Engineering and Technology (Autonomous), Trichy from 26.08.2024 to 30.08.2024**
- ◆ A Seven-Day Faculty Development Programme  
**organized by the Department of Star International Foundations for Research and Education on 01.07.2024 to 07.07.2024**
- ◆ A Five-Day Faculty Development Programme  
**organized by the Department of Mathematics, School of Basic Sciences, Vels Institute of Science, Technology and Advanced Studies(VISTAS) from 22.04.2024 to 26.04.2024**
- ◆ A Five-Day Faculty Development Programme  
**organized by Department of Mathematics and supported under DBT star status scheme Udmalpet from 12.02.2024 to 16.02.2024**
- ◆ A Five-Day Faculty Development Programme  
**organized by Intellectual Property of Rights (IPR Cell), Jamal Mohamed College (Autonomous), Tiruchirappalli from 08.01.2024 to 12.01.2024**
- ◆ A Five-Day Faculty Development Programme  
**organized by PG and Research Department of chemistry and Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 04.12.2023 to 8.12.2023**
- ◆ A Six-Day Faculty Development Programme  
**organized by VELS, Chennai from 25.09.2023 to 30.09.2023**
- ◆ A Six-Day Faculty Development Programme  
**organized by Arasu Engineering College, Kumbakonam from 11.09.2023 to 16.09.2023**
- ◆ A Five-Day Faculty Development Programme  
**organized by Internal Quality Assurance Cell of Jamal Mohamed College from 05.06.2023 to 09.06.2023**
- ◆ Faculty Development Programme  
Preparation of Winning Research Proposal, **PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, 08-02-2023**
- ◆ Faculty Development Programme  
Prevalence of Fluoride and its Optical Detection, **PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, 24-01-2023**
- ◆ Faculty Development Programme  
**Organized by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 21<sup>st</sup> January 2023.**
- ◆ RESEARCH FUNDING PROJECT & IPR (part – II)  
**organized by R & D Cell, IQAC, and Department of EXTC, Computer and IT, K.C. college of**

**Engineering and management studies & Research, Thane, from 7<sup>th</sup> June to 9<sup>th</sup> June 2021.**

- ◆ Faculty Enrichment Programme

**Organized by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 21<sup>st</sup> to 25<sup>th</sup> June 2021.**

- ◆ E-CONTENT PROGRAMME

**Organized by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 30<sup>th</sup> to 04<sup>th</sup> June 2020.**

- ◆ ADVANCED MOLECULAR CHEMISTRY

**organized by PG & Research Department of Chemistry, Arulmigu Palaniandavar College of Arts & Culture, Palani held on 1<sup>st</sup> To 3<sup>rd</sup> June 2020.**

- ◆ ADVANCED MATERIALS AND THEIR APPLICATIONS

**organized by the PG & Research Department of Chemistry, Auxillium College, Vellore, on 2<sup>nd</sup> to 6<sup>th</sup> June 2020.**

- ◆ APPLICATION OF TOOLS AND TECHNIQUES IN RESEARCH METHODOLOGY

**organized by the Noorul Islam Centre for Higher Education (Deemed to be University), Kumaracoil from 3<sup>rd</sup> to 7<sup>th</sup> June 2020.**

- ◆ THE ROLE OF EDUTECH IN CLASSROOM TEACHING AND LEARNING

**organized by the CAS in Linguistics, Annamalai University from 05<sup>th</sup> to 11<sup>th</sup> June 2020.**

- ◆ CREATING TECH-SAVVY TEACHERS FOR FUTURE CLASSROOMS

**organized by st. Teresa's Institute of Education, Santacruz, Mumbai, India, in collaboration with Edfly from 6<sup>th</sup> to 10<sup>th</sup> June 2020.**

- ◆ INSTITUTIONAL BENCHMARKING OF BEST PRACTICES

**organized by 10 premier Institutes of India, Hosted by Dnyan Prabodhini Mandal's, Shree Mallikarjun & Shri. Chetan Manju Desai College, Canacona from 8<sup>th</sup> to 14<sup>th</sup> June 2020.**

- ◆ TEACHER THE ULTIMATE & NEW CHALLENGES IN INTERNATIONAL TRADE

**organized by the Department of Management Studies (MBA), Dhanalakshmi Srinivasan Engineering College, Perambalur held on 12<sup>th</sup> June 2020.**

- ◆ ROAD MAP TO GET A QUALITY PATENT

**organized by the Department of Electrical and Electronics Engineering, AMET Deemed to be University, held on 13<sup>th</sup> June 2020.**

- ◆ FUNDING SCHEMES AND PATENTING SCIENTIFIC INNOVATIONS

**organized by the IQAC and PG & Research Department of Chemistry, Government Arts College, Trichy on 13<sup>th</sup> June 2020.**

- ◆ RESEARCH CAPACITY BUILDING

**organized by V.O. Chidambaram College, Thoothukudi from 15<sup>th</sup> to 17<sup>th</sup> June 2020.**

- ◆ ADVANCED MATERIALS FOR SUSTAINABLE DEVELOPMENT “organized by Department of Science and Humanities, Dr. N.G.P. Institute of Technology, Coimbatore on 15<sup>th</sup> to 19<sup>th</sup> June 2020.

- ◆ ADVANCEMENTS IN SCIENCE AND ITS APPLICATIONS IN ENGINEERING

**organized by Department of Science and Humanities, Hyderabad Institute of Technology & Management, Medchal, Hyderabad, and Telangana State, India from 22<sup>nd</sup> to 26<sup>th</sup> June 2020.**

- ◆ FUNDING OPPORTUNITIES FOR RESEARCH PROJECTS

**IQAC, Periyar E.V.R. College (Autonomous), Tiruchirappalli on 24<sup>th</sup> June 2020.**

- ◆ DIGITAL CLASSROOM

**conducted under DBT star College Scheme by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli on 23<sup>rd</sup> and 24<sup>th</sup> June 2020.**

- ◆ MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE



**Computer Society of India, and Kanchipuram Chapter held during 25<sup>th</sup> to 27<sup>th</sup> June 2020.**

- ◆ CHALLENGES IN CYBERCRIME & ENFORCEMENT OF CYBER  
**organized by Department of Computer Science and Engineering in association with Technical Partners CSI, CoDEF and NCDRC, Dr. M.G.R. Educational and Research Institute (Deemed to be University), Maduravoyal, Chennai from 6<sup>th</sup> to 12<sup>th</sup> July 2020.**
- ◆ JOURNEY OF NANOMATERIALS FOR INTENSE APPLICATIONS”  
**organized by Department of Chemistry Kongu Engineering College, and Perundurai from 07<sup>th</sup> to 09<sup>th</sup> July 2020.**
- ◆ CHEMISTRY IN AN ERA OF CHANGE  
**organized by Department of Chemistry, K. Ramakrishna College of Engineering, Samayapuram, Trichy held on 13<sup>th</sup> to 16<sup>th</sup> July 2020.**
- ◆ ADVANCEMENTS IN APPLIED CHEMISTRY  
**organized by the Department of Sciences, St. Joseph’s College of Engineering, Chennai held from 06<sup>th</sup> to 8<sup>th</sup> July 2020.**
- ◆ GCHEM PAINT AND LIBREOFFICE  
**organized by Department of Chemistry, D.K.M. College for Women, Vellore, and Tamil Nadu in association with Spoken Tutorial Project, IIT Bombay, MHRD, and Govt. of India from 04.05.2020 to 10.05.2020.**
- ◆ Digital Tools for Smart Classrooms in Higher Education  
**organized by Jayaraj Annapackiam College for Women, Periyakulam, and held between 6<sup>th</sup> & 7<sup>th</sup> May 2020.**
- ◆ FDP on challenges in ICT Education  
**organized by Bon Recourse College for Women, Tanjavur on 7<sup>th</sup> May 2020.**
- ◆ RESEARCH, FUNDING PROJECTS & IPR  
**organized by IQAC, R & D cell & Department of Electronics & Telecommunication under the banner of IETE and Institution’s Innovation Council (IIC) of K.C. College of Engineering and Management Studies and Research, Thane, From 7<sup>th</sup> to 10<sup>th</sup> May 2020.**
- ◆ EFFECTIVE USAGE OF ICT TOOLS FOR SMART TEACHING  
**organized by Jayaraj Annapackiam College for Women, Periyakulam, and held between 9<sup>th</sup> & 14<sup>th</sup> May 2020.**
- ◆ FACULTY DEVELOPMENT PROGRAM 2.0  
**organized by North Storm Academy Presents, held on 13<sup>th</sup> and 14<sup>th</sup> May 2020.**
- ◆ Online FDTP: WEB APPLICATION SECURITY  
**organized by Department of Information Technology, Jeppiaar Institute of Technology held on 27<sup>th</sup> & 28<sup>th</sup> May 2020.**
- ◆ MENTAL WELLBEING IN PERSONAL AND PROFESSIONAL LIFE  
**Mr. Johnson Mathew, Director & Mental Health Social Worker, Revive Centre for Counseling and Wellbeing, Victoria, Australia organized by Nehru Institute of Management Studies (NIMS) on 28<sup>th</sup> May 2020.**
- ◆ SOCIAL ENTREPRENEURSHIP  
**organized by K.P.B. Hinduja College of Commerce, Mumbai (NAAC A+) Department of Bachelor of Management Studies (BMS) in association with Edfly on 28<sup>th</sup> May 2020.**
- ◆ E- LEARNING AND TOOLS FOR EFFECTIVE TEACHING AND LEARNING  
**organized by Jnan Vikas Mandal’s Degree College, Airoli in Collaboration with Edfly on 29<sup>th</sup> May 2020**
- ◆ FACULTY DEVELOPMENT PROGRAM ON OUTCOME BASED EDUCATION

**Organized by in pods Education Teach, on 1st May. Participated in “INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME”, conducted by AIMIT, on 24<sup>th</sup> April 2020.**

**ONLINE COURSE/WORKSHOP EVENTS/ONLINE SEMINAR PARTICIPATED**

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- ◆ Online Certificate Course “Professional Skills”  
**organized by Microbiologists Society, India. Reg.No. MAH/4814/SAT, 06.12.2023 to 15.12.2023**
- ◆ REFRESHER COURSE ON SELECTIVE TOPICS IN ORGANIC CHEMISTRY PHASE – IV  
**organized by Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai –600119 on 2<sup>nd</sup> August, 2023 to 19<sup>th</sup> August, 2023.**
- ◆ RESEARCH WORKSHOP  
**organized by Birds (Bell Institute of Research and Development Studies) from 25th to 29th June 2020.**
  
- ◆ VIRTUAL ORGANIC CHEMISTRY LECTURE SERIES  
**organized by the Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai on 22<sup>nd</sup> to 27<sup>th</sup> June 2020.**
- ◆ E – WORKSHOP ON SOLUTION TO JOINT CSIR – UGC NET CHEMICAL SCIENCE PROBLEMS  
**organized by PG and Research Department of Chemistry, Muthurangam Government Arts College (Autonomous), Vellore from 17<sup>th</sup> to 20<sup>th</sup> June 2020.**
- ◆ E – WORKSHOP ON “ANALYTICAL INSTRUMENTS”  
**organized by the Department of Chemistry & IQAC of C.V. Raman University, Kargi Road Kota, and Bilaspur (C.G) from 15<sup>th</sup> to 17<sup>th</sup> June 2020.**

**M. VARUSAI MOHAMED**