





**Editor in chief** 

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Dr. Srinivasan Alavandar Principal, ACT

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#### **TECHNOLOGY TRANSFER PROGRAMME**







Dr. Srinivasan Alavandar, Principal, Agni College of Technology has conducted a meeting with the committee members of Technology Transfer Programme, an inter-school project contest organised by AGNI College of Technology every year. The programme imbibes the healthy competitive spirit in the young minds and inculcates the importance of technology in the global scenario. The meeting was about to conduct the programme effectively.

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#### STUDENT ACHIEVEMENT

We thank you for making the Symposium on E-mobility, GARC hosted as part of Azaadi Ka Amrut Mahotsav successful. Please find below the results.

S.No	Title	Author's	Name of the Educational Institute	Remarks
1	Demand and Future Prospects of Hydrogen Fuel cell vehicle	Mr.Manav Rohatgi	Vellore Institute of Technology, Vellore	3 <sup>rd</sup> Place
2	Solar Photovoltaic based E-mobility: Modelling EV integration with the Electricity Distribution Network	Mr.Bhuvanjeet Singh Gandhi, Ms.Ishika	Vellore Institute of Technology, Vellore.	1 <sup>st</sup> Place
3	Study on Vehicle Speed Control E- Mobility by using Mapping Concept for Highway Roads	Mr.Murali Sai Kumar , Ms.Chandra Sailaja Reddy	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai.	3 <sup>rd</sup> Place
4	DEMAND AND FUTURE PROSPECTS OF HYDROGEN FUEL CELL VEHICLES	Ms.Sandhiya, Ms. Lakshmi Prabha	Agni College of Technology	2 <sup>nd</sup> Place

Sandhiya and Lakshmi Prabha of II year students, Department of Aerospace Engineering has secured **2**<sup>nd</sup> **place** in the Symposium on **E-Mobility** mentored by Mr. Shankar, AP, Department of Aerospace Engineering.

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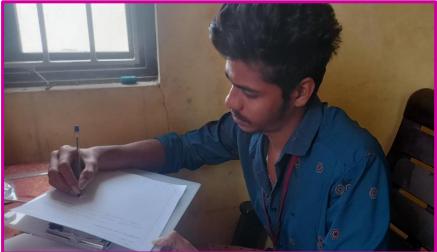
### **OFFICE OF THE EXAMINATION CELL**











Anna university theory examinations Nov/Dec 2021 has started for II ,III and IV year students through online mode.

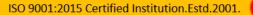
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#### **FACULTY ACHIEVEMENT**

Advanced Journal of Chemistry, Section B, 2021, 3(4), 333-347



#### Advanced Journal of Chemistry-Section B Natural Products and Medical Chemistry

Journal homepage: http://www.ajchem-b.com/



Original Research Article

Crystal structure, Hirshfeld surface, Energy framework and Molecular docking analysis of 4-(methoxyphenyl)acetic acid

Ruchika Sharma<sup>1</sup>, Sumati Anthal<sup>1</sup>, Nitin G. Ghatpande<sup>2,3</sup>, Mahidansha M. Shaikh<sup>2,3</sup>, Jagannath S. Jadhav<sup>4</sup>, Saminathan Murugavel<sup>5</sup>, Sonachalam Sundramoorthy<sup>6</sup> and Rajni Kant<sup>1\*</sup>

- <sup>1</sup>Chemical Crystallography Laboratory, Department of Physics, University of Jammu, Jammu Tawi-180006, India.
  <sup>2</sup>Department of pharmaceutical Chemistry, School of Health Science, University of KwaZulu-Natal, Durban-4041, South Africa.
- <sup>3</sup>Unique Med Chem Laboratories, L-64, Chincholli MIDC, Solapur-413255, M. S., India.
- <sup>4</sup>Department of Chemistry, Shivaji University, Kolhapur-416004, M.S., India.
- <sup>5</sup>Department of Physics, Thanthai Periyar Government Institute of Technology, Vellore- 632002, Tamil Nadu, India.
- <sup>6</sup>Department of Physics, Agni College of Technology OMR, Thalambur, Chennai-600130, Tamil Nadu, India.

#### ARTICLE INFO

#### Article history

Submitted: 2021-10-01

#### ABSTRACT

The crystal structure of (4-methoxyphenyl) acetic acid ( $C_9H_{10}O_3$ ) exists in the monoclinic space group  $P2_1/c$  having unit cell parameters: a = 16.268 (15), b = 5.858 (5), c = 9.157 (8) Å,  $\beta$  = 95.24

Dr. S. Sundramoorthy, Assistant Professor, Department of Science and Humanities (Physics) has published a paper entitled "Crystal Structure, Hirshfeld Surface, Energy Framework and Molecular Docking Analysis of 4-(methoxyphenyl) Acetic Acid" in Advanced Journal of Chemistry - Section B, 2021, 3(4), 333-347.

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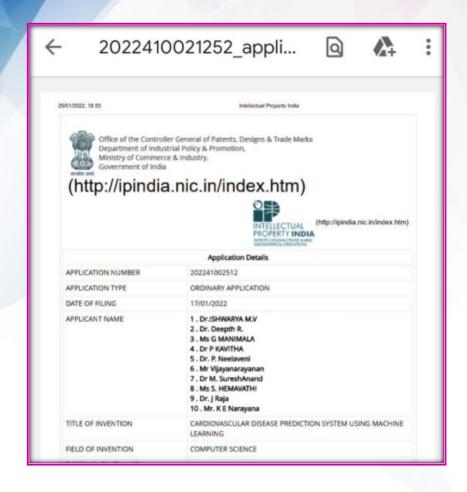








### **FACULTY ACHIEVEMENT: PATENT FILED**



Dr. Ishwarya M.V, AP Department of CSE has filed the Patent with Agni Affiliation.

Patent title: Cardiovascular Disease Prediction System Using Machine Learning.

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# CRITERIA 4: INFORMATION TRANSFER



Dr. S. Meera, Head, Department of CSE & Dr. Shiva, Head, Department of Civil had a meeting regarding Criteria 4, They shared and discussed some of the credentials in Criteria 4 such as laboratory, library files.

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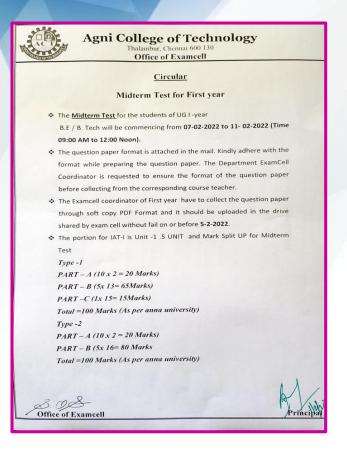


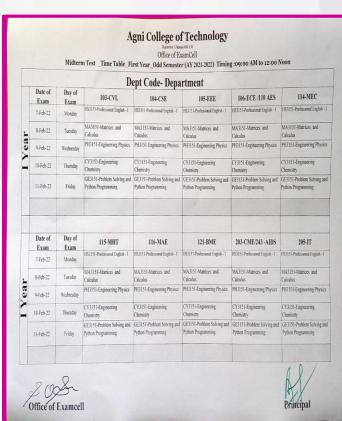






#### OFFICE OF THE EXAMINATION CELL





Mid-term Examination for First year (2022-2025) batch has been scheduled from 7<sup>th</sup> February -11<sup>th</sup> February 2022 through online mode.

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#### REASERCH ARTICLE PUBLICATION



Dr. Arul Kulandaivel, ASP, Department of Mechanical Engineering published a research article on Investigation of Machining Attributes on Machining of Alloys Under Nano Fluid MQL Environment: A Review in Elsevier publications. In this article, the advantages of Nano fluids and MQL technique is presented. Finally, the authors suggested that suitable input parameters, machining environments and spraying techniques are suitable for machining of different alloys.

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### **PLACEMENT DIVISION**



Placement Officer Ms. Vidhya has visited INOVANCE TECHNOLOGY Pvt., Ltd., on 1st February 2022 and had an interaction with the HR. The visit was regarding the Industrial Institute Connect.

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