



IGNITE 2022



A DAILY NEWSLETTER

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Principal, ACT

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HAPPY ONAM

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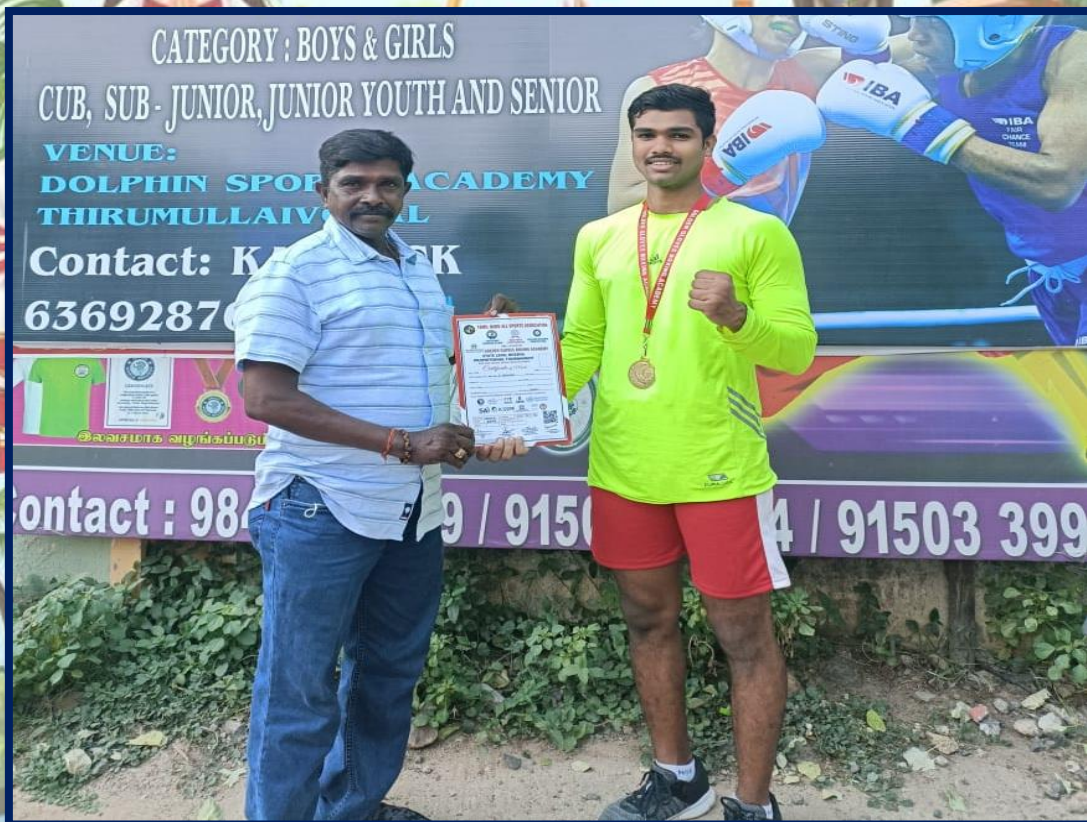


Website: www.act.edu.in

OMR, Thalambur, Chennai - 600 130. **Phone:** 044 6740 9444/45 **Mobile:** 8122124081,9445024081, **Email:** admission@act.edu.in



STUDENT ACHIEVEMENT



Mr. Ganesh S, IV year student, Department of Mechanical Engineering has won **Gold Medal** in the Boxing Competition organized by **Golden Gloves Boxing Academy** under the banner of **Tamilnadu All Sports Association** on 4th September 2022. He has represented our University, State and Nation in Boxing, Judo and Karate and have won several awards. Agni family feels proud of you.

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PLACEMENT NEWS

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CORE PLACEMENTS

COUNSELING CODE
1316

2023 Batch



2.5 LPA

3 Offers

 **Innovus Meditech Pvt Ltd**

Saravanan V, Jeyaprakash J, and Akash, IV year students, Department of Biomedical got placed in **Innovus Meditech Pvt Ltd, Chennai** as Application Specialist with CTC of 2.5 LPA.

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INAUGURATION



The Department of Aerospace Engineering proudly inaugurated the **Orion Aerospace Association** and **SEDS India Agni Chapter** on 7th September 2022. The Department activities such as guest lectures, workshops, competitions are planned by the Association in the future

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FACULTY ACHIEVEMENT



Dr. Deepak Sampathkumar, Assistant Professor, Department of Mechanical & Automation Engineering has completed a course on **Innovation Ambassador Training - Foundation Level** offered by MoE's Innovation Cell and AICTE during the IIC Calendar Year 2021-22.

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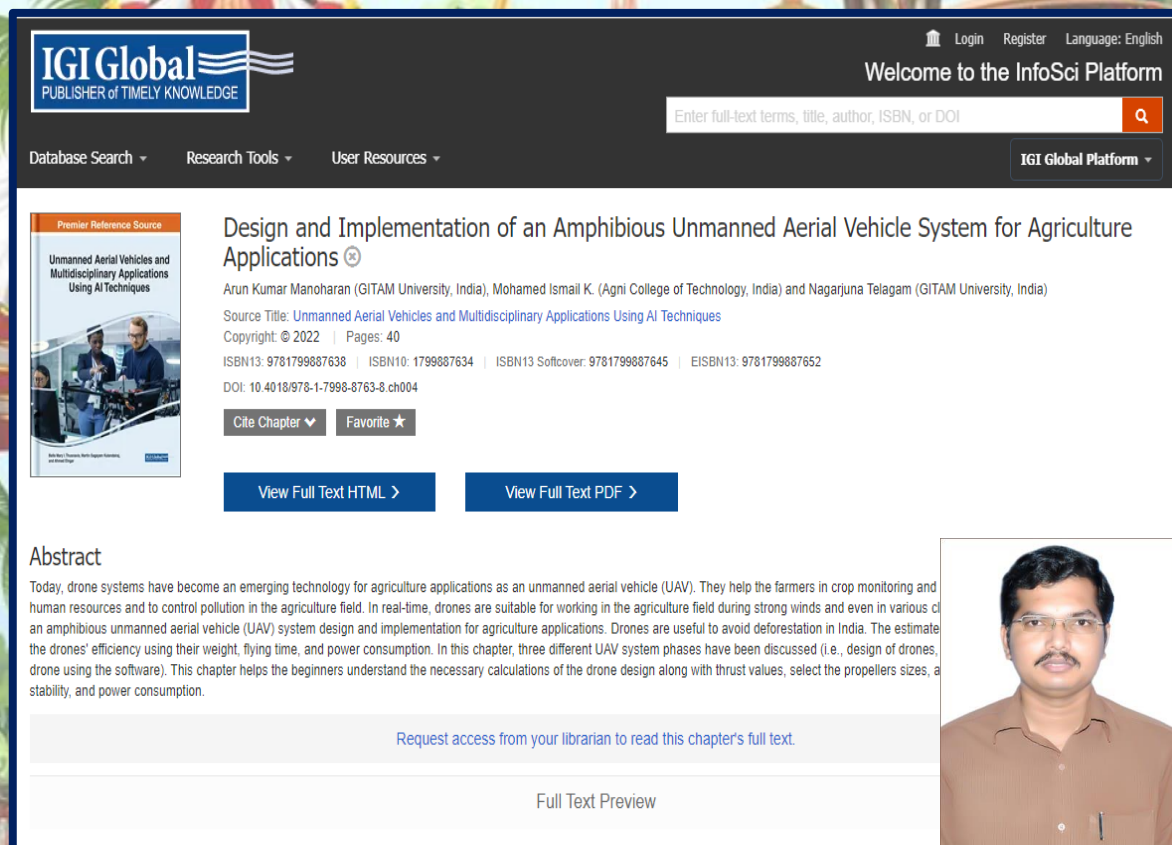
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FACULTY ACHIEVEMENT



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Design and Implementation of an Amphibious Unmanned Aerial Vehicle System for Agriculture Applications ⓘ

Arun Kumar Manoharan (GITAM University, India), Mohamed Ismail K. (Agni College of Technology, India) and Nagarjuna Telagam (GITAM University, India)

Source Title: *Unmanned Aerial Vehicles and Multidisciplinary Applications Using AI Techniques*
Copyright: © 2022 | Pages: 40
ISBN13: 9781799887638 | ISBN10: 1799887634 | ISBN13 Softcover: 9781799887645 | EISBN13: 9781799887652
DOI: 10.4018/978-1-7998-8763-8.ch004

Cite Chapter ▾ Favorite ★

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Abstract

Today, drone systems have become an emerging technology for agriculture applications as an unmanned aerial vehicle (UAV). They help the farmers in crop monitoring and human resources and to control pollution in the agriculture field. In real-time, drones are suitable for working in the agriculture field during strong winds and even in various climates. This chapter helps the beginners understand the necessary calculations of the drone design along with thrust values, select the propellers sizes, a stability, and power consumption.

[Request access from your librarian to read this chapter's full text.](#)

Full Text Preview



Mr Mohammed Ismail K, Assistant Professor, Department of Electronics and Communication Engineering has published a book chapter on **Design and Implementation of an Amphibious Unmanned Aerial Vehicle System for Agriculture Applications** in IGI Global Publishers for Timely Knowledge in the month September 2022.

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FACULTY PARTICIPATION



Mr. M. Ajay Kumar, Assistant Professor, Department of Electrical and Electronics Engineering has participated in the online Faculty Development Programme on **Data and Image Augmentation for Deep Learning Applications** organized by AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING on 19th August 2022.

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FACULTY ACHIEVEMENT



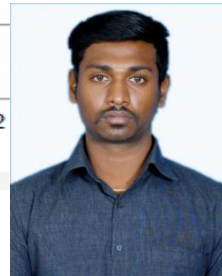
S. Deepak Assistant Professor - MAE

1059098: Thank you submitting your reviewer report!

1 message

Yuvaraja Teekaraman <maryann.hernandez@hindawi.com>
To: deepak.mae@act.edu.in

Fri, Sep 2, 2022



Dear Dr. Deepak,



Thank you for submitting your reviewer report on on Research Article 1059098 titled "Optimal selection of the contrast agent dosage on coronary artery CTA examination when automatic tube voltage selected as 80KV" by ZHAO-HUAN ZHU, and for taking the time and effort to review this manuscript for Contrast Media & Molecular Imaging.

Kind regards,
Contrast Media & Molecular Imaging

This email was sent to deepak.mae@act.edu.in. You have received this email in regards to the account creation, submission, or peer review process of a submitted paper, published by Hindawi Limited.

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Dr. Deepak Sampathkumar, Assistant Professor, Department of Mechanical & Automation Engineering has Reviewed a Journal of Contrast Media & Molecular Imaging, Research Article 1059098 titled Optimal Selection of the Contrast Agent Dosage on Coronary Artery CTA Examination when Automatic Tube Voltage Selected as 80KV on 2nd September 2022.

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INDUSTRIAL VISIT



The Department of Mechanical Engineering organized an Industrial **Visit** to **NTPC, Ennore** on 5th September 2022. Mr. Rajan P, Mr. Saravanan K and Mr. Kannarsu, Assistant Professors accompanied the students. The students were awestruck to see the gigantic machineries and structures that were used for the production of electricity. The visit was truly an exploration of Knowledge

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FACULTY PARTICIPATION

KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY
 Governed by Khalsa College Governing Council, Imparting Affordable And Quality Education Since 1893
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 C Block Ranjit Avenue, Amritsar, Punjab

**ONE WEEK
FACULTY DEVELOPMENT PROGRAM
ON
PERFORMANCE
ENHANCING STRATEGIES
FOR
INDIAN MANUFACTURING INDUSTRIES**

5th - 9th SEPTEMBER 2022



**Organised By
Department of Mechanical Engineering**

FDP Itinerary - 5 to 9 September, 2022, Timings : 3:00 pm to 9:00 pm

Resource Persons

Day	Faculty Name & Designation	Topic	Date	Time
Day 1	Dr. Prohibition Kaur Assistant Professor HSE-PTC, Amritsar Campus	Advance Manufacturing	05-09-2022	3:00PM to 4:45PM
	Dr. Ranjith Singh Rai Former Professor & Head, IP Rapti, BPT, Jalandhar	Advances in Industrial Rags	05-09-2022	5:00PM to 6:45PM
Day 2	Dr. Benu Malik Assistant Manager OHS Green Limited, Phagwara, Punjab	Additive Manufacturing-1	05-09-2022	7:00PM to 8:45PM
	Dr. Rishi Rani Assistant Professor HSE-PTC, Amritsar Campus	Surface Engineering-1	06-09-2022	3:00PM to 4:45PM
Day 3	Dr. Jagjit Singh Raghav Assistant Professor HSE-PTC, Amritsar	DE practices	06-09-2022	5:00PM to 6:45PM
	Dr. Gyanesh Singh Fibre, Material Technology, ITT, India	Advances in Biomedical Engineering	06-09-2022	7:00PM to 8:45PM
Day 4	Dr. Arul Kulkarni Assistant Professor HSE-PTC, Amritsar Campus	Hot Corrosion	07-09-2022	3:00PM to 4:45PM
	Dr. Sandeep Singh Assistant Professor	Surface Roughness	07-09-2022	5:00PM to 6:45PM
Day 5	Dr. Arul Kulkarni Assistant Professor Apni College of Technology (Chennai, Tamil Nadu)	Advance Manufacturing	07-09-2022	7:00PM to 8:45PM
	Assistant Professor HSE-PTC, Amritsar	Surface roughness in various materials	08-09-2022	3:00PM to 4:45PM
Day 6	Dr. Rishi Rani Assistant Professor HSE-PTC, Amritsar Campus	Finite Element Method	08-09-2022	5:00PM to 6:45PM
	Dr. Benu Malik Assistant Manager OHS Green Limited, Phagwara,	Additive Manufacturing-2	08-09-2022	7:00PM to 8:45PM
Day 7	Dr. Chandanm Yadav Professor PCTE, Ludhiana	Techniques for recovering of waste thermal energy from Manufacturing	09-09-2022	3:00PM to 4:45PM
	Dr. Anshu Kish Assistant Professor DAVIST, Jalandhar	CAD/CAM	09-09-2022	5:00PM to 6:45PM
Day 8	Dr. Bhaginder Singh Technical Officer Chegg India Ltd., New Delhi	Advance Machining Process	09-09-2022	7:00PM to 8:45PM

Mode of the FDP: Online Through Google Meet

Participants: FDP is open for the Faculties, Research Scholars And Corporate Professionals

Registration Procedure & Fee

There will be no registration fee for academic faculty members and students. Participants have to fill the registration form by the following link:

https://docs.google.com/forms/d/e/1FAIpQLSc4AqVwpQecPcVdRexZG3FDqINENQ16THfQ9HicdHJopdFDQ/viewform?usp=sf_link

MANUFACTURING PROCESS

- Casting: Centrifugal Casting, Die Casting, Sand Casting and Sheet Casting
- Molding: Injection Molding, Blow Molding, Rotational Molding, Powder Metallurgy
- Forming: Rolling, Drawing, Stamping, Shearing
- Joining: Welding, Soldering, Brazing, Brazing, Adhesive Joining
- Coating: Powder Coating, Electro Plating, Sputter Deposition
- Surface Treatment: Heat Treating, Shot Peening, Laser Surface Modification, Thermal Spraying and Additive Manufacturing

Arul is presenting

Participants: Arul, Ripin, Satwinder, N, F

Dr. Arul Kulandaivel, Head, Department of S & H had delivered a Special Lecture on **Advanced Manufacturing Techniques** in a one week virtual FDP on **Performance Enhancing Strategies for Indian Manufacturing Industries** from 5th - 9th September 2022 organized by the Department of Mechanical Engineering, Khalsa College of Engineering & Technology, NAAC 'A' graded Institution, Amritsar, Punjab.

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FACULTY PARTICIPATION



Mrs. R. Beaula Jasmine, Head, Department of Civil Engineering has participated in the International Webinar on **Effective Methodology for Research Paper Writing** held on 3rd September 2022 organized by V.S.B Engineering college, Karur.

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INDUSTRIAL VISIT



II & III year students, Department of Electrical and Electronics Engineering visited the High voltage Engineering Laboratory at **Indian Institute of Technology Madras (IITM)** on 7th September 2022

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STUDENT ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

Aswini K

For successfully completing a free online course
Data Science Foundations

Provided by

Great Learning Academy

(On September 2022)

To verify this certificate visit verify.mygreatlearning.com/WABSCITY

Aswini K, II year student, Department of Electronics and Communication Engineering has completed the online course on **Data Science Foundations** offered by Great Learning Academy on 5th September 2022.

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STUDENT PARTICIPATION



Certificate of Course Completion

Cisco Networking Academy

Introduction to IoT

The student has successfully achieved student level credential for completing Introduction to IoT course administered by the undersigned instructor. The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.

Sivani S

Student

NASSCOM FutureSkills

Academy Name

India

Location

5 Sep 2022

Date

Laura Quintana

Laura Quintana
VP & General Manager, Cisco Networking Academy

Sivani S, II year student, Department of Aerospace Engineering has completed the online course on **Introduction to IoT** via NASSCOM Futureskills Cisco Networking Academy.

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Hydraulic Pump Division
48/4, Vandalur - Kelambakkam Road
Pudupakkam, Kelambakkam - 603103
T: +91 7530099071, +91 75300 99074
Email: corporate@tafe.com
CIN: U15499TN1992PLCO23544
www.tafe.com

Ref : TAL/HPD/PERS/IPT/2022
13 - Aug - 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.M.Karan Singh Shekhawat**, a student of B E - Mechanical Engineering from Agni college of technology OMR, Navallur, Thalambur, Chennai - 600 130 has undergone Internship Training in our organization from 1st Aug to 13th Aug 2022.

During the period of his Internship Training with us he was found good and inquisitive.

We wish him every success life.

For **TAFE ACCESS LIMITED**
Hydraulic Pump Division

K.SONDAR,
Manager (Pers.)

Registered office: 77, Nungambakkam High Road, Chennai - 600034, India T: +91 44 6691 9000
Head office: 803 Anna Salai, Chennai - 600002 T: +91 44 4228 2063



Mr. Karan Singh Shekhawat, IV year student, Department of Mechanical Engineering has completed an **Internship** in **TAFE** from 1st to 13th August 2022.

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STUDENT ACHIEVEMENT



Gopika Jeba Rani and Rithik Kumar, IV year students, Department of Biomedical Engineering attended the workshop organized by Saveetha IEEE Student Chapter on **Incorporating the Coding with Emerging Technologies in Industry** on 26th and 27th September 2022.

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