

From:
k.sampath
Head workshop Training
AMET University

To:
The Registrar
AMET University
Through the Principal DGS Course.

Respected Sir,

Sub: to conduct the workshop on staff Skills development program Reg.

I wish to bring to your kind notice that I have planned to conduct a staff development program entitled "WOOD WORKING SKILL AND CRASS SECTION OF TIMBER" by the resource person Mr.T.L.RAVIKUMAR,VOCATIONAL INSTRUCTOR from CENTRAL TRAINING INSTITUTE FOR INSTRUCTORS (GOVT.OF INDIA) GUINDY,CH-32. On 03-10-2019 at 10.00 am. In the Library Hall 1. In this connection, I am requesting to provide the following support and facilities for the above program.

1. Banner -(Rs 300)
2. Honorarium- (Rs 3000)
3. Transport Pick up and drop
4. Tea (23 staff members)
5. Certificates - (Rs 500)
6. Memento/Book to resource person -(Rs 200)
7. Photographer, Audio, IT support
8. Lunch to resource person

In this regard kindly approve the program and sanction the payment of Rs.5000/- (Banner, Certificate, Honorarium and etc.) in related to this I will submit all the bills for the necessary expenditure.

I am requesting you to do the needful for the conduct the above program in a valuable manner.

Thanking You

Principal DGS Course

K. Sampath
30/9/19
K Sampath.

Head - Workshop Training

Financial Controller
Pl. arrange Rs. 5000/-

pls pay
Rs. 5000/-



AMET
ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act 1956)

INDIA'S FIRST DEEMED TO BE UNIVERSITY IN MARITIME EDUCATION

From

30-09-2019

The Registrar
AMET Univeristy

To
T.L.RAVIKUMAR,
Vocational Instructor
CTII (Govt.of India)
Guindy
Chennai – 32.

Respected Sir

Sub: To conduct the workshop on wood working Skills and Training programme Reg.

I wish to inform you that, we have about 22 Instructors in our Marine Workshop. They are giving Practical training for D.G and Non D.G.student's. In this regard we have proposed to conduct a skill development programme to the above Instructors with a view to enhance their skill.

Hence, I request you to visit our University on 03-10-2019, to give a lecture on '**WOOD WORKING SKILLS AND TRAINING**'

Kindly accept our invitation and participate the programme as an expert.


REGISTRAR

From

03/10/2019

T.L.RAVIKUMAR,
Vocational Instructor
CTII (Govt.of India)
Guindy
Chennai – 32.

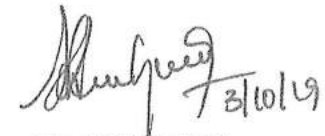
To

THE REGISTRAR
AMET University

Sub: Staff skill Development programme-Reg.

Ref: Your Dated 03/10/2019

With Regard to the above maintained set letter, I thank you for inviting me to your reputed institution to participate in the progamme. I will be in your university on 03/10/2019, 10.00 am and deliver a lecture on the above subject

Handwritten signature of T.L. Ravikumar in black ink, with the date 03/10/19 written to the right of the signature.

T.L.RAVIKUMAR
(Vocational Instructor)



AMET
ACADEMY OF MARITIME EDUCATION AND TRAINING

[Under Section 3 of UGC Act 1956]

Celebrating
25th
Year

Staff Skill Development Programme
Workshop on
WOOD WORKING SKILL AND
CROSS SECTION OF TIMBER

on 03rd October, 2019

Resource Person

Mr. T.L. RAVIKUMAR

Vocational Instructor
Central Training Institute for Instructors (Govt of India)
Guindy, Chennai

Time : 10.00 am

Venue : DNV Hall II

Programme Schedule

10.00 am : Invocation

10.05 am : Welcome Address : **Prof. Bhoopathi Baskaran**
Principal, DGS Courses

10.15 am : Special Address : **Mr. T.L. RAVIKUMAR**
Vocational Instructor
Central Training Institute for Instructors
(Govt of India) Guindy, Chennai

12.30 pm : Vote of Thanks : **Mr. K. Sampath**
Head Workshop Training



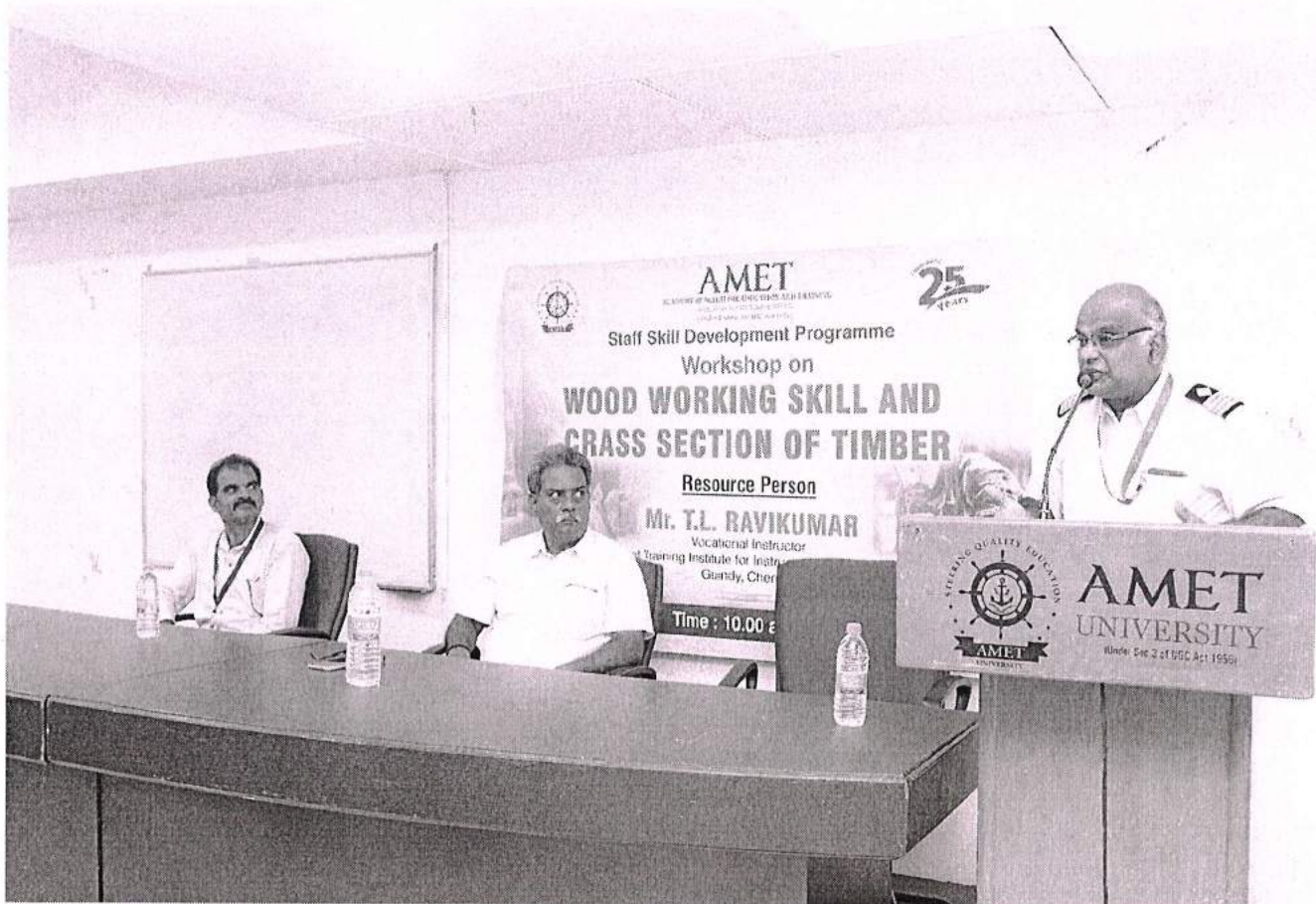
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INTERNAL QUALITY ASSURANCE CELL (IQAC)
ORGANIZES
WOOD WORKING SKILLS AND TRAINING PROGRAMME ON 03-10-2019
PARTICIPANTS ATTENDANCE

S.NO	NAME OF THE STAFF	DESIGNATION	SIGNATURE AND DATE
1	MR.K.SAMPATH	HEAD WORKSHOP TRAINING	K. Sampath 3/10/19
2	MR.M.JOHN SAGAYARAJ ✓	WORKSHOP IN-CHARGE	U. John 03/10/19
3	MR.S.SANKARAN ✗	SR.INSTRUCTOR	- A -
4	MR.P.RAMANI ✓	SR.INSTRUCTOR	P. Ramani 3/10/19
5	MR.M.RAJENDRAN	WORKSHOP IN-CHARGE	M. Rajendran 03/10/19
6	MR.M.MEENAKSHI SUNDAM ✓	INSTRUCTOR	M. Meenakshi Sundaram 03/10/19
7	MR.RAVI ✓	INSTRUCTOR	R. Ravi 3/10/19
8	MR.D.SUDHAKAR	INSTRUCTOR	D. Sudhakar 03/10/19
9	MR.EASUDOSS	INSTRUCTOR	A. Easudoss 03/10/19
10	MR.K.KANNAN ✗	INSTRUCTOR	- A -
11	MR.M.SANKAR	INSTRUCTOR	M. Sankar 03/10/19
12	MR.RAJASEKAR ✓	INSTRUCTOR	R. Rajasekar 03/10/19
13	MR.GOPLA KRISHNAN	INSTRUCTOR	G. Gopla Krishnan 03/10/2019
14	MR.MUTHU ✓	INSTRUCTOR	M. Muthu 3/10/19
15	MR.PRABU ✓	INSTRUCTOR	P. Prabhu 03/10/19
16	MR.KANAGASABAI ✗	INSTRUCTOR	- A -
17	MR.NARASHIMHAN	INSTRUCTOR	S. Narashimhan
18	MR.VINAYAGAM ✓	MACHINIST	K. Vinayagam 03/10/19
19	MR.ANANDAN ✗	MARINE WELDER	- A -
20	MR.JAYA KUMAR	MARINE FITTER	J. Jayakumar 3/10/19
21	MR.MANI	W.S.ASST.	M. Mani
22	MR.KARTHI ✓	W.S.ASST.	V. Karthi

23. Prof. Bhagavathi Bhaskaran. Principal.





Organizes

WOOD WORKING SKILLS AND TRAINING

03-10-2019

PARTICIPANTS FEEDBACK FORM

Name of the Participant : **RAJASEKAR . K**
Designation : **INSTRUCTOR**
Department : **MARINE . W/S**
Email ID : **rajasekarkuppasamy@gmail.com**
Suitability of Topic : ☒ Excellent/Good/Average/Poor
Delivery by the Resource Person : ☒ Excellent/Good/Average/Poor
Discussions/Interactions : ☒ Excellent/Good/Average/Poor
Overall opinion : ☒ Excellent/Good/Average/Poor

Space for Specific Comments

Very useful material given and excellent detail

Date: **03.10.19**

Signature of the Participant



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING

(Under Section 3 of UGC Act 1956)



Staff Skill Development Programme

WORKSHOP ON

Wood Working Skill and Cross Section of Timber

Certificate of Participation

This is to certify that Mr./M/s. *P. RAMANI*

of

Marine Workshop AMET Deemed to be University has participated in
the Workshop on Wood Working Skill and Cross Section of Timber on 03-10-2019 at AMET Deemed to be University, Chennai

K. Gowdell

Mr. K. Sampath

Head, Workshop Training

Prof. Bhoopathy Bhaskaran

Principal, DGS Courses

Dr. P. Saravanan

Registrar



Report on
Two Days Workshop *s. 37*

On

**ROLE OF SURVEILLANCE ROBOTS IN SMART
FACTORIES**

Organized By

Department of Electrical and Electronics Engineering

In association with

Electronics Platform Research Labs



99
Date: 21st and 22nd AUGUST 2019 (Wednesday & Thursday), Time: 9:30 am to 4:00 pm

Venue: DSP LABORATORY

AMET Deemed to be University

Resource Person(s)

Mr. Karthikeyan

Chief Operating Officer

Electronics Platform Research Labs

Convener

Dr. T. Sasilatha, Dean & Professor/ EEE

Coordinator

Mrs. G. Jegadeeswari - AP / EEE



Report on
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The Department of Electrical and Electronics Engineering of AMET Deemed to be University has organized two days Workshop on “Role of Surveillance Robots in Smart Factories” on 21st to 22nd August 2019 (Wednesday and Thursday) in the DSP Laboratory. Around 21 External participants (students) of various organization and 11 internal students’ members, 05 internal faculty members of EEE along attended the programme and got benefited.

The event started with an invocation Dr.V. Karthikeyan, Professor –EEE welcomed the gathering. The chief guest Mr. T. Karthikeyan, Chief Operating Officer, Electronics Platform Research Labs discussed the objectives and significance of the programme.

The contents of the programme are as follows:

Day 1: 21.08.2019	<ul style="list-style-type: none">❖ Introduction to Raspberry Pi❖ Designing of wheeled Robot with camera Interface Motion❖ Introduction to machine learning❖ Image Processing application for face recognition
Day 2: 22.08.2019	<ul style="list-style-type: none">❖ Surveillance Robot design❖ Design of Walking and Dancing Robot❖ Hands-on Training

The first technical session was on the topic on “Robotics architecture and circuit design” and the guest speaker was Mr. T. Karthikeyan, Chief Operating Officer, Electronics Platform Research Labs. He had discussed the concepts of robotics and Raspberry Pi. The training on robotics is facilitated to students and staffs. The training was very beneficial and provided an insight on the various challenges associated with robotics and artificial intelligence. Students, Faculty and research scholars will be able to design surveillance robot. The technical session was followed by the lunch.



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The second technical session was on the topic on “Design of Surveillance robot”. The guest speaker had given extensive hands on training for developing surveillance robots. In addition, the behavior of the robots, study of their communications and specifications (attenuation, power, wiring or radio frequency) is imperative. This training programme will give a great impact to develop various robots for different applications like space research and robots at operation theatre. The technical session was followed by the lunch. The valedictory session was held. Certificates were distributed and vote of thanks was proposed by Dr. Deva Brindha

Associate Professor/ EEE

The Workshop was ended with a feedback session by the external participant. In that they have expressed their interest and willingness in arranging more programmes of this kind.

Some of the photographs attache



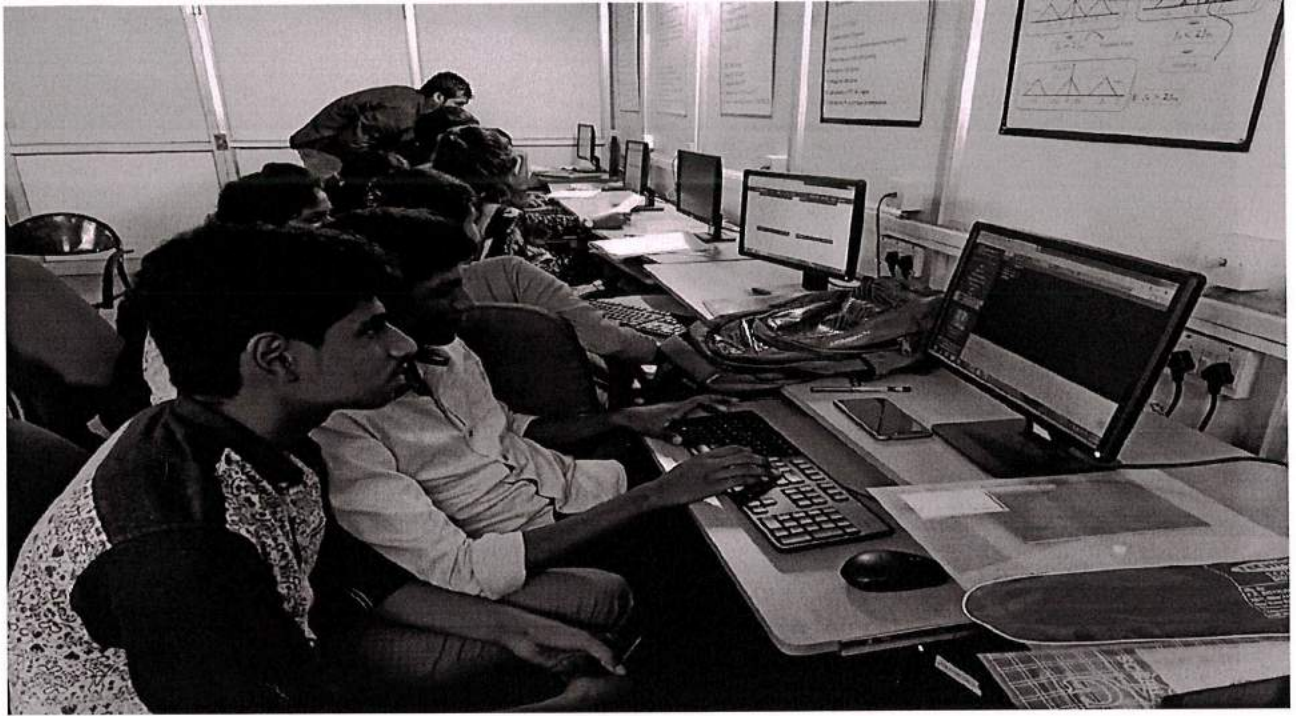
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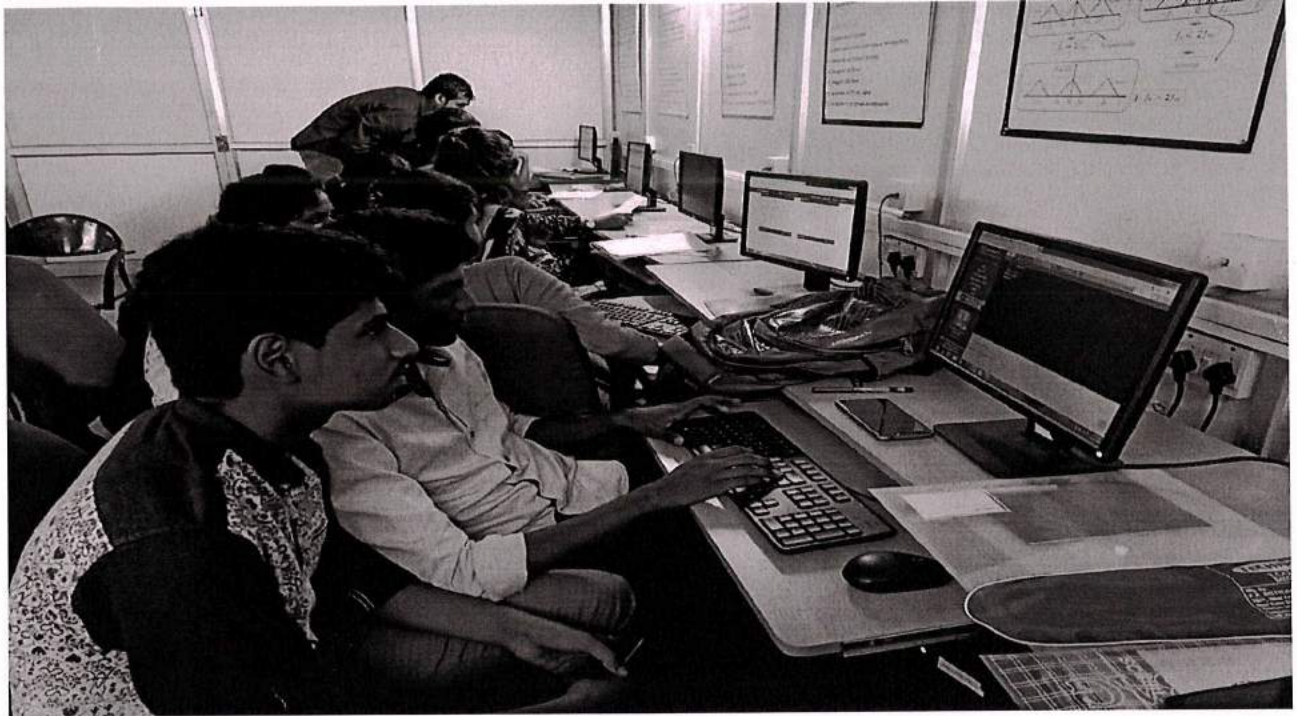
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AICTE SPONSORED NATIONAL CONFERENCE

ON

RECENT ADVANCES IN ON-BOARD SHIP

AUTOMATION (RAOBSA-2019)

On

26th and 27th September 2019 at 9.30 AM

at Shri Janakiraman Auditorium

AMET Deemed to be University, Chennai

Report



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Cordially invites you to the Inaugural function of the

AICTE SPONSORED NATIONAL CONFERENCE

ON

RECENT ADVANCES IN ON-BOARD SHIP

AUTOMATION (RAOBSA-2019)

On

26th and 27th September 2019 at 9.30 AM

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AMET Deemed to be University, Chennai

Dr. J. Ramachandran

Chancellor, AMET

Presides

Col. Dr. G. Thiruvassagam

Vice-Chancellor, AMET

Inaugurates

Dr.A.Ajeeth Singh

Assistant Director

Research, Institutional & Faculty Development (RIFD)

All India Council for Technical Education (AICTE), New Delhi

Will deliver Chief Guest Address

Mr. Janaki Raman Ganesan

Chief Executive Officer (CEO), Vik-Sandvik, Chennai

Will be the Guest of Honor



ABOUT THE UNIVERSITY:

AMET Deemed to be University has got a unique distinction of being the first maritime university established in India and offering academic, research, training in maritime education as well as offering consultancy service to maritime sector for the past seven years contributing much to produce human resources to the shipping industry in India and abroad. Invariably at least 5 students cadets of AMET proudly occupy exalted positions like chief engineers, captains and other key posts in every ship sailing in the international waters. Further AMET proudly holds the prestigious award of “A1 outstanding grade” conferred by the directorate general of shipping, Ministry of shipping, Government of India.

DEPARTMENT HIGHLIGHTS:

Department of Electrical and Electronics Engineering is established in the year 2008 with the objective of imparting quality education of international standards and to produce highly Innovative Marine Electrical and Electronics Engineers capable of solving global maritime challenges. The department offers 4 years U.G program in EEE, 2 years P.G program in Power Systems and Doctoral programs in core areas as well as interdisciplinary domains. The department houses state-of-the-art laboratories, smart class rooms and well stacked library to impart teaching and research. The department is committed to community development and conducts regular extension activities to benefit the local and needy villagers around the university. The department is proud of its legacy of Alumni who occupies key positions in world class Maritime and Non-Maritime sectors.

CONFERENCE THEME:

The theme of the conference is to gather students, professional scholars, practitioners from both academia as well as industry and exchange ideas and information on recent advances in on-board ship automation. This conference will also provide an ideal environment to develop new collaborations and meet experts on the fundamentals, applications and products of the mentioned fields. It will promote research in Smart Sensor, IOT, Cyber Physical Systems, Artificial Intelligence, Machine Learning, Robotics, etc. The primary objective of the conference is to discuss and debate the challenges and opportunities in the next generation automated ships.

TRACK 1: Cyber Physical Systems

- Machine Learning
- Internet of Things (IoT)
- Big Data, Data Science and Data Mining
- Cloud Computing and Cloud-based automation
- Autonomous systems
- Control and Supervision Systems
- Networked control systems
- Micro- and nano-scale automation technologies and applications



TRACK 2: Marine Automation

- Process Control and Industrial Automation
- Artificial Neural Networks and Fuzzy Logic
- Marine Control and Automation
- Next Generation Automated Ships
- Robotics and Artificial Intelligence

TRACK 3: Marine and Off-Shore Engineering

- Marine Electrical and Control Systems
- Marine Electronic Navigation Systems
- Offshore Renewable Energy Engineering
- Power Electronics applications in Modern Ship
- Ship Power Management Systems.
- Titanic Corrosion
- Energy Management and Auditing

TRACK 4: Communication and Computing

- Wireless Communication
- Advanced Communication Systems
- Advanced Networking and Applications
- Information Security & Information Retrieval
- Satellite Communication
- Mathematic modelling and Computing

TRACK 5: Power Electronics and Drives

- Power Electronics in Power System
- Modern Industrial Drives
- Power Converter for Renewable Energy System
- Hybrid Electric Vehicles
- High Voltage Direct Current

TRACK 6: Advances in Electronics Design

- Signal Processing techniques
- VLSI Design and Testing
- Embedded System Design
- Nano Technology
- Medical Electronics
- Marine Electronics



TRACK 7: Power Systems

- Power Quality Issues and Solution
- Distributed Energy System
- Optimization techniques in Micro Grid Systems
- Green and Renewable Energy Technology
- Power System Protection Equipments.

TRACK 8: Electrical Engineering

- Smart Grid Technologies and its Applications
- Renewable Power Generation System
- Power System Restructuring and Deregulation
- Power semiconductor Controlled Electric Drives
- Finite Element Analysis of Electrical Machines

Patrons:

- **Dr. J. Ramachandran**, Chancellor, AMET Deemed to be University
- **Mr. Rajesh Ramachandran**, Pro-Chancellor, AMET Deemed to be University
- **Mr.S.Karikalan**, Trustee, AMET Deemed to be University
- **Col.Dr.G.Thiruvagasam**, Vice-Chancellor, AMET Deemed to be University
- **Dr.P.Saravanan**, Registrar, AMET Deemed to be University
- **Mrs.Sangeetha Albin**, Joint Registrar, AMET Deemed to be University

Convener and Organizing Secretary

- **Dr.T.Sasilatha**, Professor and Dean EEE
AMET Deemed to be University.

Organizing Committee Members:

- **Dr. T.Baldwin Immanuel**, Associate Professor, Department of EEE
- **Mr. C. Gnanavel**, Assistant Professor, Department of EEE

Advisory Board:

International Advisory Committee Members:

- **Dr.Tuan Anh Nguyen**, Head of Microanalysis Department, Institute of Tropical Technology, Vietnam.
- **Dr.Abdulhameed Al-Hashem**, Senior Researcher, Kuwait Institute of Scientific Research, Kuwait
- **Dr. Nik Bessis**, Professor of Computer Science, EDGE HILL University, UK.
- **Dr.Carlos Fernandz**, Professor, Robert Gordon University, UK



- **Dr.Leslan Bieniasz**, Faculty of Physics, Mathematics and Computer Science, Cracow University of Technology, Poland
- **Dr.Mark Liptrott**, Director of UG Studies (Computer Science), EDGE HILL University, UK.
- **Suresh Manic**, Professor, Caledonian College of Engineering, University College, Oman.
- **Dr.B.Chitti Babu**, Assistant Professor, Faculty of Engineering, University of Nottingham, Malaysia.
- **Dr.P.N.Sangeetha**, Assistant Professor, Nanyang Technological University, Singapore.
- **Dr.Xie Ming**, Associate Professor Nanjing University, Singapore.
- **Prof. Rick M Maizels**, Centre for Molecular Parasitology, University of Glasgow, UK.
- **Dr. Heba Ahmed Hassan**, Dhofar University, Oman.
- **Prof. Morelos Zaragoza**, Robert H. San Jose State University, Canada
- **Dr.B.Hariran**, Principal Scientist, ABB, Bangalore
- **Mr. K.B. Rajendrakumar**, Technical Lead Synopsys, Bangalore
- **Dr.Rajib Kar**, Associate Professor, ECE, NIT , Durgapur,

National Advisory Committee Members:

- **Prof.Gurmeet Singh**, Vice Chancellor, Pondicherry University.
- **Dr.Vijaya Kumar Banga**, Principal, Amritsar College of Engineering and Technology, Punjab.
- **Dr.Susai Rajendran**, Research Director, Corrosion Research Centre, Dindigul.
- **Dr.J.Daniel Chellapa**, Scientist, Dept. of Atomic Energy, Kalpakkam.
- **Dr.R. Srinivasan**, Member Secretary, Tamilnadu State Council for Science and Technology.
- **Dr.K.Balaraman**, Director General (DG), National Institute of Wind Energy, Chennai.
- **Dr.Aranganathan**, TVS –Sundaram Clayton Ltd.
- **Dr.K.Chithra**, Professor, School of Electronics, VIT University, Chennai



Inaugural Function

The inaugural Session was started with invocation.

Welcome address was given by Dr.T.Sasilatha, Professor and Dean, EEE, AMET Deemed to be University, Chennai.

In welcome address, Honourable chief guest and all the dignitaries on the dais and off the dais were welcomed by Dr.T.Sasilatha, Professor and Dean, EEE, AMET University. In her welcome speech, a brief overview of the conference, scope and impact were presented.

Inaugural Address was delivered by Dr.P.Saravanan, Registrar, AMET Deemed to be University

In Inaugural address, Honourable Registrar has provided mind blowing speech about the importance automation in all the fields. The Registrar mentioned the need of Electro Technical officers in shipping industries. In his speech, he mentioned about use of robotics and automation and the significance of Electrical and Electronics Engineers. The Registrar appreciated the Dean and faculty members of department of EEE for organizing AICTE sponsored conference.

Chief Guest Address was delivered by Dr.A.Ajeeth Singh, Assistant Director, Research, Institutional & Faculty Development (RIFD), All India Council for Technical Education (AICTE), New Delhi

The Chief Guest has provided an inspiring speech about automation. He also added some useful points about importance of automation in modern ships. He also said that the faculty and students could improve their knowledge by taking up online courses like NPTEL, SWAYAM etc.

Guest of Honor Address was delivered by Mr. Janaki Raman Ganesan, Chief Executive Officer (CEO), Vik-Sandvik, Chennai.

He addressed about the importance of recent advances in automation in shipping industries.

Panel Discussion

Panel discussion was arranged followed by inaugural session. The discussion was on the topic
“Role of Robotics and Artificial Intelligence in shipping Industries”.



The Panel Members are as follows:

1. **Dr.A.Ajeeth Singh**, Assistant Director, Research, Institutional & Faculty Development (RIFD), All India Council for Technical Education (AICTE), New Delhi
2. **Mr. Janaki Raman Ganesan**, Chief Executive Officer (CEO) , Vik-Sandvik, Chennai
3. **Mr. Jerome Johnson**, Head- SMART Ship Commissioning , Alpha Ori Technologies Pte. Ltd, Chennai
4. **Mrs. J. Jayanthi Jeevanantham**, Chief Executive Officer (CEO) , Tecpro Energy Systems, Chennai
5. **Chief Er. KR. Chidambaram**, Director – Marine Competency Courses, AMET
6. **Capt. K. Karthik**, Vice Principal - DGS Courses, Dean - Nautical Science, AMET

Paper presentation

We have received more than 300 papers from Academicians, Researchers and UG / PG Students. Out of this, 94 papers got shortlisted for presentation and is published in the conference proceedings with ISBN number 978-93-85434-75-4. The following Papers were presented by the participants in Track-1 to Track-8.

TRACK- 1 CYBER PHYSICAL SYSTEMS		
Venue: Shri Janakiraman Auditorium		Date: 26.09.2019
		Time: 11.30-13.00 Hrs
Keynote Address & Session Chair: Dr.M.A. Bhagyaveni, Professor, Department of ECE, Anna University, Chennai		
Session Co-Chair: Dr.V. Karthikeyan, Professor, Dept of EEE, AMET Deemed to be University		
S. No	Paper ID	Paper Details
1	P004	An Analysis of Security Issues and Nature-Inspired Algorithms on Wireless Sensor Networks integrated with IoT Environment, M.S.Vinmathi, Dr.M.S.Josephine,
2	P005	An Enhancement approach for Augmented reality and Virtual reality in Palmar Medical Imaging Technology, Dr.B.Umarani
3	P013	The Servitor Robot, Dilli babu pathmanaban, balaji.thiru
4	P029	Recent Developments in Computer Vision-Based Gait Biometrics System, G Merlin Linda, G Themozhi, Dhillip Kumar s
5	P030	Switched Coupled Inductor based DC–AC Single Phase Inverter for PV Systems, S.Murugesan, M.V.Suganyadevi
6	P055	A Robotic Motion Control Using Finger Gesture Interaction, Dr.M.Deva Brinda
7	P056	A Bluetooth-based Architecture for Android Communication with an Articulated Robot, Dr.M.Deva Brinda
8	P057	Design And Implementation Of Smart Bone Conduction Hearing Aid Using Asp Dr.M.Deva Brinda
9	P061	Valuable Vitality Remote Perceiving In Cloud IOT, M Parameswari, Dr.S.Balaji, Naachiyar A
10	P064	Disaster Management System using Intelligent Underwater Robot, SASIKALA D, Rajalakshmi V, Jayabhaduri R



11	P082	Analysis Of Leather Texture And Detection Of Severity Of Defects Using Image Processing And Decision Tree Based Machine Learning Techniques, Abdul Jaleel, Joy Mathew, Mohamed Feroz , Sabura Banu
12	P085	Versatile Insole Monitoring System, Dr. Gnana Kousalya, Aruna Krishnan
13	P091	A New Grid Connected Multi Level Inverter With Reduced Number Of Switches Fed From Zeta Converter, P.Suresh
14	P103	Development of Automated Rubber tapping machine to improve the socio-Economic Status of Rubber Growers in Rural Areas, Aran Glenn .J
15	P102	A suitable Birecoder multiplier for Finite Impulse Response Filter, Dr.G.Themozhi

TRACK- 2 MARINE AUTOMATION

Venue: DNV Hall- II, B- Block, III Floor **Date:** 26.09.2019 **Time:** 11.30-13.00 Hrs

Keynote Address & Session Chair: Mrs. J. Jayanthi Jeevanantham, Chief Executive Officer, Tecpro Energy Systems, Chennai

Session Co-Chair: Dr. G. Themozhi, Professor, Dept of EEE, AMET Deemed to be University

S. No	Paper ID	Paper Details
1	P010	Flash Hazards - An Imminent Danger in Electrical Safety, Hari Paramdhaman, Elavarasan
2	P011	Home Automation Systems Using Speech Recognition, V.Lokesh, R.K.Padmashini
3	P012	Real Time Monitoring and Controlling of Boiler Drum Parameters Using Internet of Things (IoT), C.Gnanavel, P.Sathish Khanna, M.Rajavelan, Baldwin
4	P050	Automatic Operation of Accommodation Ladder on Tidal Ports, T. Dhanya
5	P038	Mitigation of harmonics using PI Controller and Fuzzy logic Controller based shunt Active Power Filter, C.Pearline Kamalini, Dr.M.V.Suganyadevi
6	P048	Performance Analysis of Compressed Sensing Based Image Sensor for Smart Surveillance Applications, Karthickmanoj.R
7	P059	Energy Aware Link Lifetime Routing In WSN, Dr.T.Sasilatha
8	P077	A Fully Automated Smart Restaurant, Naveenkumar.N.S, V.Bharanigha
9	P080	Automatic Accident Detection And Alerting, Ayisha Sheerin
10	P101	Optimal Promotion Policies In Hierarchical Grade Structures, S. Udayabaskaran
11	P104	TITANIC-A survey on material failure and design flaws, Rama Krishnan. K
12	P105	Fire Fighting And Human Detection Robot, P.Getzial Anbu Mani
13	P106	Comparitive Study Of Permanent Magnet Synchronous Motors, Brushless Dc Motors And Induction Motors For Automotive Applications, SUDARSHAN .K,
14	P112	Simulation Analysis Of 2d Filtering By Using Radix-3 Multiplier Less Stream Processor, G. Manikandan,
15	P109	Home Automation, Mr.G.Manikandan



TRACK- 3 MARINE AND OFF-SHORE ENGINEERING		
Venue: Shri Janakiraman Auditorium		Date: 26.09.2019 Time: 14.30-16.00 Hrs
Keynote Address & Session Chair: Shri. M. S. Bala Subramanian, Engineering Manager, Larsen & Toubro (L&T), Chennai		
Session Co-Chair: Dr. M. Deva Brinda, Associate Professor, Dept of EEE, AMET Deemed to be		
S. No	Paper ID	Paper Details
1	P002	Titanic is reacting, rusting and resting, Susai Rajendran, R Dorothy, T Sasi latha , Abdul Hameed Al-Hashem
2	P003	A Comprehensive Review On Color Constancy Techniques, Samreen Kaur, Dr. V.K.Banga, Er. Gurjit Singh
3	P024	“Shore To Ship” System – An Dc Concept Of Network Used At Island Network, Dr.P.Shanthi, G.Elumalai, S. Ramya
4	P027	Failure Analysis And Modification Of Motor Terminal Bushing Insulators For HT Motor Driven Safety Chillers In PFBR, Kudiyarasan S, Ramanavasulu R
5	P045	Crane Control By Hand Gesture Using Flex Sensor, S.Janarthanan
6	P049	Channel Estimation Techniques In MIMO - OFDM Systems: A Survey, Padmapriya.
7	P078	Auto tuning of Fractional Order PID controller for a Hydraulic Active Suspension system using Harmony Search Algorithm, Mohamed Shiek Mothi, K. Divyesh
8	P083	Detection of salt stress in Paddy Leaves using Naive Bayes classifier, Salman Sheik Ismail, Varshan Mohan, Suhail Aziz, Sabura Banu
9	P095	Surveillance Robot for Inspecting Under Water Structure, Dr.C.Gnana Kousalya
10	P098	Detection of Metal Objects in Under Water Sea-a Survey, Dorothy R
11	P099	Non Invasive Heart Rate Monitoring Using Facial Images, Dr. Gnana Kousalya
12	P110	Automated Irrigation System Based on Soil Moisture Using Arduino, G. Manikandan
13	P111	Automatic Fault Detection System with Alarm, Mr.G. Manikandan,
14	P113	Stabilizing Ship Using Gyroscope Sensor, S. Allwinrenold
15	P115	Recent Researches in Mechanics of Fiber Reinforced Composite Materials – A Literature Review, Arun Raju, Dr M Shanmugaraja

TRACK- 4 COMMUNICATION AND COMPUTING		
Venue: DNV Hall- II, B- Block, III Floor		Date: 26.09.2019 Time: 14.30-16.00 Hrs
Keynote Address & Session Chair: Dr.C.Gnana Kousalya, Professor & Head, Dept of ECE, St .Joseph's Institute of Tech, Chennai		
Session Co-Chair: Dr. Suresh, Professor, Dept of Marine Engg, AMET Deemed to be University		
S. No	Paper ID	Paper Details
1	P001	Recent Researches in Mechanics of Fiber Reinforced Composite Materials – A Literature Review, Arun Raju, Dr M Shanmugaraja



2	P008	Comparison Of Wavelet Based Computational Intelligence Techniques For The Protection Of Parallel Transmission Lines And Power Transformers, Venkatesh.S, Aran Glenn.J
3	P015	Design And Simulation Of Rectangular Micro strip Patch Antenna Using UV Band, I.Jayasukumari, Dr.G. Themozhi
4	P020	Design Of Fast Adder Architecture Using GDI Logic, R.Radhika, N.Anusha
5	P023	Wearable ECG Monitoring, D. Jency Remina, M. Geethalakshmi, S. Ramya
6	P028	Design Of Parallel Pipelined Dif- Fft Architecture, Surya P, Arunachalaperumal C, Valarmathi E
7	P031	Semi-Automated Segmentation of CT Scan Images Using Seeded Region Growing Algorithm, Dr.D.Ravikumar, Dr.V.Devi
8	P037	Noise Reduction in Gray scale Images Using Segmentation Techniques, Amudha K, Beni Steena T
9	P052	Design of Frequency Reconfigurable Multiband Compact Antenna, A Sivabalan
10	P067	Smart Manufacturing Using Industry 4.0, Sughashini Ramasamy, N.rohith
11	P069	Design of Wireless Power Transfer for Heart Assist Devices, KR. Sughashini
12	P070	Image Compression Technique Using SPIHT And Vedic Multiplier, M. Senthil Murugan
13	P071	A Novel Methodology Enabling Underwater Li-Fi Communication For Sea Divers, K.R.Kayalvizhi, Kovendan, P. Ezhilarasi, Dr. S. Rajesh Kannan
14	P072	Real Time Low Cost Automated Production System using Internet Of Things, Dr.C.Nayanatara
15	P075	OFDM Based Comb Source For Future Optical Networks, M.Samayaraj Murali Kishanlal, Dr.A.Jawahar

TRACK- 5 POWER ELECTRONICS AND DRIVES		
Venue: Shri Janakiraman Auditorium		Date: 27.09.2019
		Time: 10.45-13.00 Hrs
Keynote Address & Session Chair: P. Somasundaram, Professor, Department of EEE, Anna University, Chennai		
Session Co-Chair: Dr. Kanagaraj, Adjunct Professor, Dept of EEE, AMET Deemed to be University		
S.	Paper ID	Paper Details
1	P014	PWM Plus Secondary-Side Phase-Shift Controlled Full-Bridge Three-Port Bidirectional Converter for Application in MVDC Distribution Networks, K.R.Sunil Raj, Dr.G. Themozhi
2	P021	Switching Loss Reduction and Simulation of quasi Z-Source Inverter System Fed BLDC Motor, S.Amrita Raj,V.Madhan kumar, K.Sandhiya
3	P022	Design & analysis of photonic crystal based logical devices, Beni SteenaT, AmudhaK
4	P034	Autonomous Dual Axis Solar Tracking System For Irrigation, A.Lavanya, J. Divya Navamani, Mayank Verma,Arpit Kumar, Joydeep Pegu, Arjun
5	P035	Modified PMSG System Using Trans Z Source Network For Grid Connected UPFC System, W.R.Thulasi Brindha, Dr.T.Raghunathan
6	P036	Multi Carrier Based New Random Pulse Width Modulation For Three Phase Inverters, G. Jegadeeswari, P. Dhanasekar, S. Viknesh, R. Dinesh



7	P039	Linear modeling of SRM Based on MATLAB/Simulink, S.Janarthanan, Balaji.D
8	P042	BCD Topology of Multilevel Inverter for Solar Energy Generation, Karthikeyan V, Jamuna V
9	P044	Harmonic Minimization of Asymmetrical Multilevel Inverter with Reduced Components, Karthikeyan V
10	P062	Simulation And Analysis Of Single Phase To Three Phase Indirect Matrix Converter Using MATLAB & Simulink. V. Karthikeyan
11	P084	Steady state analysis of an M/M/1 queue with single working vacation subject to catastrophe, B.Thilaka, D B.Poorani, D S.Udayabaskaran
12	P086	A New Methodolgy For Harmonic Reduction In Three Phase Inverter With Space Vector Pulse Width Modulation Fed Marine Drives, Dr.D.Kirubakaran, M.Selvaperumal
13	P087	Design And Analysis Of Ann Controller For Upfc, Sakthisaravanan. N, B. Karthikeyan
14	P088	Detection and Prevention of Melanoma on System Skin Lesion Using Support Vector Machine (SVM) Classifier, Monisha.M, Suresh.A
15	P089	Comparative Analysis of PSO and TLBO Technique for Optimal Power Flow in IEEE 30 Bus System, B. Karthikeyan Sakthisaravanan. N

TRACK- 6 ADVANCE IN ELECTRONICS DESIGN		
Venue: DNV Hall- II, B- Block, III Floor Date: 27.09.2019 Time: 10.45-13.00 Hrs		
Keynote Address & Session Chair: Dr. Aby K Thomas, Professor and Head, Department of ECE, Hindustan University, , Chennai		
Session Co-Chair: Dr. Rajanayakam, Adjunct Professor, Dept of EEE, AMET Deemed to be University		
S. No	Paper ID	Paper Details
1	P006	Automated Online Exam for Visually Impaired, Kamatchi.H, Epsiba beula, J.N Rajesh Kumar
2	P007	Automatic Detection of Potholes in Roads , V.Keerthana, R.S.Reshma, P. Rathnavel
3	P017	A Competent Multiplier Architecture With Reduced Transistor Count for Radix -2 Butterfly Computation of Fast Fourier Transform, Saravanakumar C , Dr. G. Themozhi
4	P114	Solar Tracking Motor cycle Using Arduino, Dr.D.Sungeetha.
5	P032	Smart Classroom Setup Using Microcontrollers and Multiple Sensors, T M Thamizh Thentral, Vignesh Balaraman, R Vignesh, Sourav Panda, Rupesh Ranjan, Abhijeet Nayyar
6	P033	Research On The Architecture of Internet of Things, N.Muthukumar
7	P043	Wireless Motor Control And Monitoring System Using Zigbee, S.Janarthanan
8	P058	Effective Restore Model for Lost Vision, M.Parameswari, Jemima Jabamalar, Maria Suganthiya V



9	P060	Application of Firefly Algorithm for Solving Congestion Management Problem in Deregulated Environment, Ahamed Jeelani Basha. A
10	P068	Design Of Low Power CMOS Truncated Multiplier With 10T GDI Full Adder, P.Radhakrishnan, G.Themozhi
11	P081	Fuzzy Sliding Mode Control for a Level Process using Labview, Shameera Banu. L, Subaitha Fathima M., Zubaidha. M, Harishankar.K, Sabura Banu
12	P094	Energy Management Methodology for Induction Motor Driven Industrial systems, P.Veerakumar, Ms.Jegadeeswari
13	P093	Energy Storage System, Seenuvasan .E, P.Navaneetha Krishnan
14	P092	Wireless Power Theft Monitoring System, Dr.D. Kirubakaran
15	P090	BLDC Motor – Switching Techniques & Control Characteristics, P Muthukumar

TRACK- 7 POWER SYSTEMS		
Venue: Shri Janakiraman Auditorium		Date: 27.09.2019
		Time: 14.15-15.00 Hrs
Keynote Address & Session Chair: Dr.R.Zahira, Professor, Dept of EEE, B.S. Abdur Rahman Crescent Institute of Science and Tech, Chennai		
Session Co-Chair: Dr. D. Lakshmi, Associate Professor, Dept of EEE, AMET Deemed to be University		
S. No	Paper ID	Paper Details
1	P016	Solving Combined Economic Emission Dispatch Problem with Wind Energy Penetration Using Intelligent Firefly Algorithm, A.Prabha, Dr.G. Themozhi
2	P025	Examination of Converters for HVDC Power Transmission Systems, Dr. S. Prakash, R. Sasirega
3	P026	Firefly Algorithm Approach for Optimal Placement of TCSC for Congestion Management in Deregulated Power Market, Ahamed Jeelani Basha. A, Elanchezhian. E. B
4	P041	Solution for complex OPF problem using hybrid GA –Firefly Algorithm, D. Lakshmi, C.N. Ravi,
5	P046	Analysis of Grid Connected DFIG based Wind Farms for Reactive Power Compensation, S.Janarthanan
6	P047	Wireless Charging of Electric Vehicles and Wireless Power Supply, T.M. Thamizh Thentral, Manju T, Shruti Shashwati Maharana, T.R.B. Ramanathan
7	P051	Earth Voltage Monitoring and Alert System for Indian ATM System, Dr.M.Deva Brinda,Dhanya.T,Karthik.S
8	P074	Vector Control Scheme for the PMSG Based WPS under Various Grid Disturbances, R.Elavarasi, B.Vignesh, Krishnaraj, Samuel Mathew
9	P076	Design of MOSFET Inverter for a Grid Connected Photovoltaic System, Amirtharaj.S,Selvarani. M, Lakshmi.D, Zahira.R
10	P040	Simulation Model of Series Compensator using Cascaded Multilevel Inverter for Transmission Lines, S.Janarthanan, B.Anandhi
11	P079	A Supervisory Power Management System for a Hybrid Microgrid with HESS, D.G.Sesa Balaji, Dr.D.Kirubakaran, D.G.SESA BALAJI, S.SHABEER AHAMED



12	P096	Power Quality Improvement In Micro – Grid Based On Svg Pulse Load, S.Bhavani, J.Praveen Daniel
13	P100	Improved Backward/Forward method in Islanded Micro Grid with Breadth - first search, S.Sreedevi, G. Angeline Ezhilarasi
14	P107	Digital Image Forgery detection using SIFT and SURF Algorithms, K.R.Anupriya, Dr .T . Sasilatha
15	P097	Efficient Energy Storage System Micro Grids Integration for Power Quality Improvement Using Sliding Mode Control, BRIJESH.C.R BALAGANESH.G, NAVEEN ANAND

TRACK- 8 RENEWABLE ENERGY SYSTEMS		
Venue: DNV Hall- II, B- Block, III Floor		Date: 27.09.2019
		Time: 14.15-15.00 Hrs
Keynote Address & Session Chair: Dr.Reeba Korah, Professor, Alliance College of Engineering and Design, Alliance University, Bangaluru		
Session Co-Chair: Dr. P. Shanthi, Assistant Professor, Dept of Marine Engg, Dept of EEE, AMET University		
S. No	Paper ID	Paper Details
1	P009	Design And Implementation of Flexible Wearable Photovoltaic Cell for Military Applications, G. Jegadeeswari, P. Dhanasekar, S. Viknesh, R. Dinesh
2	P019	A Solar Power Generation System with A Seven-Level Inverter Using Anfis Optimization Technique, P.Rajesh, S.Shanmugaraj
3	P053	Integration of Wind Energy System in Shipboard Using Frequency Converter, R.Elavarasi, R.Vijayapriya, Dr.D.Padma Subramanian
4	P054	Modular Cascaded MLI With Fuzzy Based DC-DC Converter for PV Based Grid Integration, A.Arikesh, Dr.A.K.Parvathy,
5	P063	Solar Powered Wireless Charging System, S.Banumathi, A.Fransis Pushpalatha, S.Parthasarathy
6	P065	MPPT Based Solar Charge Controller Using Iot, P. Sathish Khanna, Dr.M.Rajavelan, P.R.Senthilrajan
7	P066	Parameter Extraction of Solar PV System with Voltage Control Algorithm for Maximum Power Tracking , B Maniraj, Dr. A Peer Fathima
8	P073	Solar Photovoltaic Inverter for Smart Grid Applications and Improvement of Power Quality, A.Ramya, R.K.Padmashini
9	P108	Gap Coupled Multiple Resonator Broad-Band Microstrip Antenna for Wireless Body Area Communications, Jeyashree. M, Jayashree. S
10	P116	Extended Boost Active-Switched Capacitor/ Switched-Inductor Quasi-Z-Source Inverters, M.Padmapriya..M.I.E.T,Research Scholar, Dr.T.A.Raghavendiran,
11	P117	Modeling and Control of Quasi Z Source Inverter for Photo Voltaic Applications, M.Padmapriya.,Dr.T.A.Raghavendiran
12	P118	Anti Forensics of Image Forgery, Anu .P.Varghese, A Maheswar, Chinchu Nair
13	P119	Survey On Network Coding For Distributed Storage In Iot Networks, G. Akilandeswary , A. Joel Solomon Raj, K. Harish Kumar
14	P200	A Deep Learning approach for predicting natural calamities in Agriculture Field using KNN Algorithm, AMaheswari, Chinchu Nair, Anu P Varghese



Valedictory function

Dr.T.Sasilatha , Dean-EEE, AMET Deemed to be University delivered welcome address in the valedictory function. She has presented brief report on RAOBSA 2019. In the report, she highlighted the details of the conference and the papers presented in all tracks.

Valedictory address was delivered by Dr.P.Saravanan, Registrar, AMET Deemed to be University. He highlighted some useful points about importance of automation in modern ships. He also said that the faculty and students could improve their knowledge by taking up online courses like NPTEL, SWAYAM etc.

Chief Guest Address was delivered by Mr. R. Ramanavas, Scientific Officer-G, BHAVINI, IGCAR, Kalpakkam. He has delivered overwhelming speech about automation in nuclear power plants. He also discussed about alternative sources of energy available.

Vote of thanks was given by Dr.T. Baldwin Immanuel, Associate Professor, Department of EEE, AMET Deemed to be University. He started his vote of thanks by thanking all the dignitaries on the dais and off the dais. He thanked all the delegates who have given their valuable lecture in the conference. Finally, he thanked all the staff members and participants.

Then the Valedictory function is ended with the Prizes and Certificates Distribution.



Outcome of National Conference – RAOBSA 2019

The national Conference on Recent Advances in Onboard Ship Automation- RAOBSA 2019 was held on 26th and 27th September 2019. This conference was organized by Department of Electrical and Electronics Engineering, sponsored by All India Council for Technical Education (AICTE), New Delhi. RAOBSA -2019 is a national conference dedicated to blending of Electrical, Electronics, Control systems, Power Electronics & Drives, Robotics & Marine automation and Communication & Computing. This conference presented an open forum for scientists, researchers and Engineers to exchange the latest innovations and research advancements in the areas of next generation Automated ships, Marine electrical and control systems, Marine Electronics and Navigation Systems and Robotics and Marine automation in maritime industry.

Panel discussion was organized with eminent speakers from maritime industry and Electrical and Electronics Engineering domain. They discussed the Role of Robotics and Artificial Intelligence in Shipping Industries. They explained the importance of Electrical Engineers in shipping industries. They said that the Electro Technical officers will occupy key positions in ships in future. The Keynote from distinguished experts from various parts of India and technical paper presentation sessions have been organized in the national Conference.

We have received more than 300 papers from Academicians, Researchers and UG / PG Students of different organisations across our country. After peer review by a panel of experts, only top quality papers are shortlisted and was presented in the two days conference.

The presented papers in Track-1 to Track-8 have covered areas like Cyber Physical Systems, Marine Automation, Marine & Off-Shore Engineering, Communication & Computing, Power Electronics & Drives, Advance in Electronics Design, Power Systems, Renewable Energy Systems. These papers were presented by authors from various reputed institutions.

The presented papers are published in the Conference proceeding with ISBN No: 978-93-85434-75-4. The Conference Proceedings are circulated to leading Libraries of our country. This will be helpful for Researchers and Engineers to acquire knowledge in the field of Marine Electrical and Electronics Engineering.

INAUGURAL SESSION PHOTOS



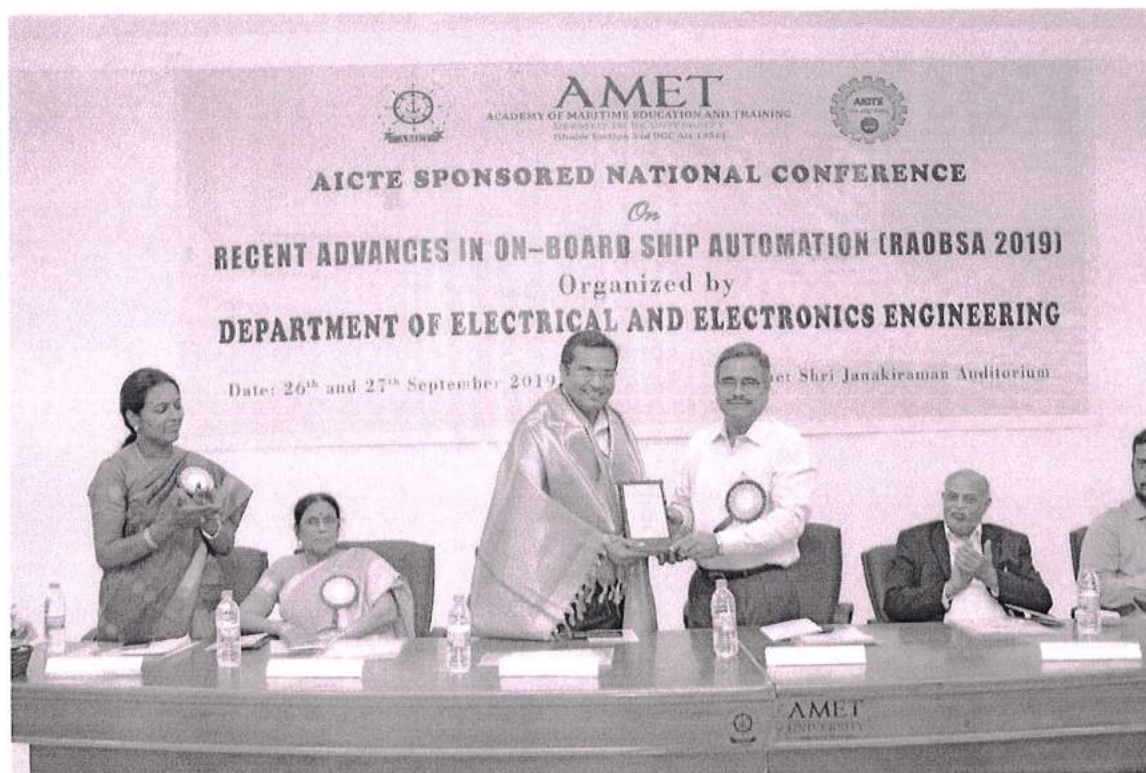
Lighting of Kuthuvilakku by all dignitaries



Welcome Address by Dr.T.Sasilatha, Dean-EEE and Convener- RAOBSA 2019



Delivering the Inaugural Address by Dr.P.Saravanan, Registrar, AMET Deemed to be University, Chennai.



Presenting the Memento to the Chief Guest Dr.A.Ajeeth Singh, Assistant Director, Research, Institutional & Faculty Development (RIFD), AICTE, New Delhi

**PATENT INFORMATION CENTRE
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**

&

AMET DEEMED TO BE UNIVERSITY

Catalyzed and Supported by

Department of Science & Technology

Govt. of India

**TWO DAYS STATE LEVEL TECHNICAL WORKSHOP ON
INTELLECTUAL PROPERTY RIGHTS**

26-08-2019 and 27-08-2019 at AMET University, Chennai.



Report of the Two Days Workshop On 'Intellectual Property Rights'



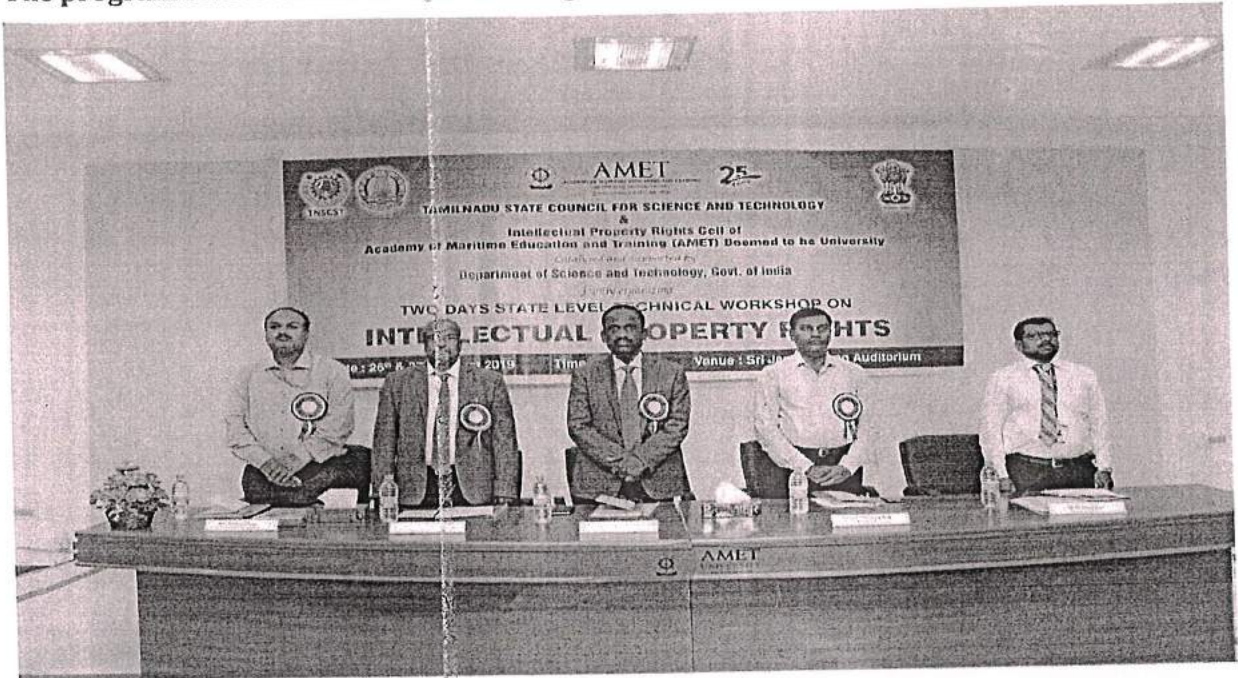
The workshop was Jointly organized by the Tamil Nadu State Council for Science and Technology, Chennai & AMET Deemed to be University, Kanathur, Chennai and The Workshop is Catalyzed and Supported by Department of Science And Technology, Government of India held on 26-8-2019- 27-8-2019.

Purpose of the workshop

Intellectual Property Right plays a key role in gaining a advantages position to promote economic growth of our nation. India enjoys a large asset of R&D personnel and infrastructural facilities. Scientists and policy makers need more information, orientation and facilities for protecting the products of intellectual prowess of Indian Scientists.

Hence this workshop was organized to sensitize about the Intellectual Property Rights to the Marine, Arts and Humanities, Law faculty and students.

The program started with Invocation song



Lightening the Kuthuvizhaku by the Chief Guest Dr. R. Srinivasan, Member Secretary (TNSCST), Chennai



DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the program for the entire duration. I also undertake the responsibility to inform the Coordinator in case I am unable to attend the course.

Place:

Date:

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr. _____

_____ is an employee of our Institute / Organization and is hereby sponsored. He/She will be permitted to attend the program in full, if selected.

Place:

Date:

Signature of the Sponsoring Authority

Office Seal

A Copy of the registration form along with payment proof should be mailed to rajasekar@ametuniv.ac.in. In Hard copy of the completed application may reach to

The Convener

Two Days State Level Technical Workshop on
"INTELLECTUAL PROPERTY RIGHTS"
Academy of Maritime Education and Training (AMET)
Deemed to be University
Kannur Campus - 690112, TAMILNADU
Contact: +91-9941007767, +91-9600572636



ABOUT THSCST

Tamilnadu State Council for Science and Technology (THSCST) is an autonomous organization under the Department of Higher Education, Govt. Of Tamilnadu. THSCST maintains liaison between Government of India and the State Government and initiates, directs and coordinates research activities of Government Departments, Universities and other professional bodies with a view to aid development of Scientific Research and popularization of science among students and public in the State.

In order to facilitate Intellectual Property Rights, the Patent Information Centre (PIC) has been set up at the Tamilnadu State Council for Science and Technology, Chennai with support of the Department of Science and Technology, Government of India, New Delhi to provide facilitation services regarding intellectual property to every person especially to Science and technology community. Scientists, technologists, researchers, innovators, R&D establishments, educational institutions, business entrepreneurs, non-government organizations (NGOs) and individuals utilize the facilities of our Patent Information Centre (PIC).

ABOUT THE UNIVERSITY

AMET was established as a private Maritime Institution, though AMET Trust in 1993 and has now attained the stature of a premier institution that caters to the Shipping Industry not just in India but the world over. In recognition of its quest for excellence, the Institution has been awarded Certification of ISO 9001:2008 Standards from Det Norske Veritas, Norway. AMET has also earned CRISIL Rating of "Grade I" (outstanding), to the courses approved by the Directorate General of Shipping, i.e., B.E. Marine Engineering, B. Sc. Nautical Science & Graduate Marine Engineering. Having started with only 14 cadets, AMET continues to maintain its growth during the last 25 years to have strength of 3000 cadets/students on date undergoing various Diploma, Degree & Post Graduate Marine Engineering programs. In August 2007, AMET was conferred University Status under Sec 3 of UGC Act 1956, thus becoming the First University in India for Maritime Education.



PATENT INFORMATION CENTRE

TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
(DEEMED TO BE UNIVERSITY)
(Under Section 3 of UGC Act 1956)

Catalysed and Supported by
Department of Science and Technology
Govt. of India

Jointly organizing

TWO DAYS STATE LEVEL
TECHNICAL WORKSHOP ON
INTELLECTUAL PROPERTY RIGHTS
(26-08-2019 & 27-08-2019)

CONVENER

Dr.D. Rajasekar, Director-IPR Cell, AMET

COORDINATORS

Mrs. R. Divyaranjan, Assistant Professor, AMET
Mr. S. Arunkumar, Assistant Professor, AMET



TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY



Academy of Maritime Education and Training (AMET)
Deemed to be University
Catalysed and Supported by
Department of Science and Technology, Govt. of India
Jointly organizing

**TWO DAYS STATE LEVEL TECHNICAL WORKSHOP ON
INTELLECTUAL PROPERTY RIGHTS
(26-08-2019 & 27-08-2019)**

REGISTRATION FORM

Name : _____
Designation : _____
Organization : _____
Gender : _____
Age : _____
Qualification : _____
Address for
Communication : _____

Mobile Number : _____
E-mail ID : _____
Experience : _____
Teaching : _____ years
Others (Specify) : _____ years
Need Accommodation : YES / NO

Signature

Transaction Details

Transaction No. : _____
Amount : _____
Date : _____
Bank Name : _____

Google Form Online Registration Link :
<https://forms.gle/VNPFqz5QECw6C3D08>

OBJECTIVE

- To provide an overview of Intellectual Property Rights.
- To conduct effective Patent Searches.
- To design and develop effective patent drafting skills for Indian and International patents.
- To provide hands on training on Indian and International patent drafting methods for various disciplines.

COURSE CONTENTS

- Intellectual Property Rights (IPR) - An Introduction
- Patent System in India-What are inventions
- Trademark, Design and Geographical Indication (GI)
- Traditional Knowledge-Compulsory Licensing in India
- Role of Patent Information Centre (PIC) and Government Intaking IPR to individuals
- Procedure of Patent Filing, Commercialization of patents
- Copyrights, Plagiarism Checking - Facts and Myths
- Tools for Patent Searching-Drafting an application

CHIEF PATRON

Dr. J. Ramachandran, Chancellor, AMET

PATRONS

Col. Dr. G. Thiruvassagam, Vice-Chancellor, AMET
Dr. P. Saravanan, Registrar, AMET

R&D

Dr. M. Jayaprakashvel
Director - Research

TARGET AUDIENCE

Faculty members working in Arts and Science Colleges, Engineering and Polytechnic Colleges, Research scholars, Industry Persons, UG/PG students and grass root innovators from relevant background of Science and Engineering.

RESOURCE PERSONS

Sessions will be handled by Scientists, Officials from Intellectual Property Office, Patent Attorneys and expert members.

REGISTRATION FEE DETAILS

- Registration is limited to 100 participants and selected on a first-come-first-serve basis.

CATEGORY	AMOUNT
Academics	500
Students and Research scholars	300

- The course fee includes registration kit, course material, lunch & refreshment.
- Registration fees can be paid through internet banking.

Account name	AMET University
Account number	510101004153171
Bank	Corporation Bank
Branch	Sholingalur
IFS Code	CORP000H135

IMPORTANT DATES

Last Date for receipt of Applications : 22.8.2019
Intimation of Participants : 23.8.2019
Confirmation of Participants : 24.8.2019

**TWO DAYS STATE LEVEL TECHNICAL WORKSHOP ON INTELLECTUAL
PROPERTY RIGHTS**

To be held on 26-08-2019 and 27-08-2019 at AMET University, Chennai.

SESSI ON	DATE & TIME	NAME OF THE SPEAKERS	TITLE
DAY 1 (26-08-2019-Monday)			
Inauguration			
1	10:30 am -11:30 am	Shri Thangapandian Dy. Controller of Patents and Design, Patent Office, Chennai	Significance of Intellectual Property Rights(IPRs)
2	11:45 am-1:00 pm	Shri . S. Udhayashanker Asst Controller of Patents and Design, Patent Office, Chennai	Patent and Design system in India
Lunch break			
3	2:00 pm-3:15 pm	Dr. A Usha Raja Nanthini Head of the Department/Biotechnology Mother Teresa Women's University, Kodaikanal	Importance of Geographical Indication(GI) registration
4	3:30 pm-4:30 pm	Ms. T.Sahila Regd.Patent Agent Project Scientist PIC /Tamil Nadu State Council for Science and Technology Chennai	Non-patentable inventions- Role of Government in sensitizing IPR to individuals -
DAY 2 (27-08-2019-Tuesday)			
5	10:00am-11:15 am	Mr.T.Srinivasan Joint Partner Lakshmikumaran and Sridharan, Chennai	Procedure of Patent filing, Commercialization of patents
6	11:30 am 12:30 pm	Ms. Gomati Padma Thilaga Regd. Patent Agent KIRAN IPR (Woman Scientist-C)	Trademark - Copyrights and Plagiarism
Lunch break			
7	1:30pm-2:30pm	SwapnaSundar CEO at IP DOME IP Strategy Advisors Pvt. Ltd. Chennai	Recent trends in IPR - Some case studies
8	2:30 pm-3:30 pm	Preethi Narayanan Regd. Patent Agent IP Consultant, Chennai	Conversion of a project work into a patent- Tools for Patent Searching
Valedictory			

Distributing certificate to the participants by Dr. T. Sasilatha, Dean – Academics and Dr. D. Rajasekar, Director – IPR Cell



Participants of the workshop

A total of 203 participants from various Universities and colleges participated in the workshop.

Faculty and Students from the following colleges participated.

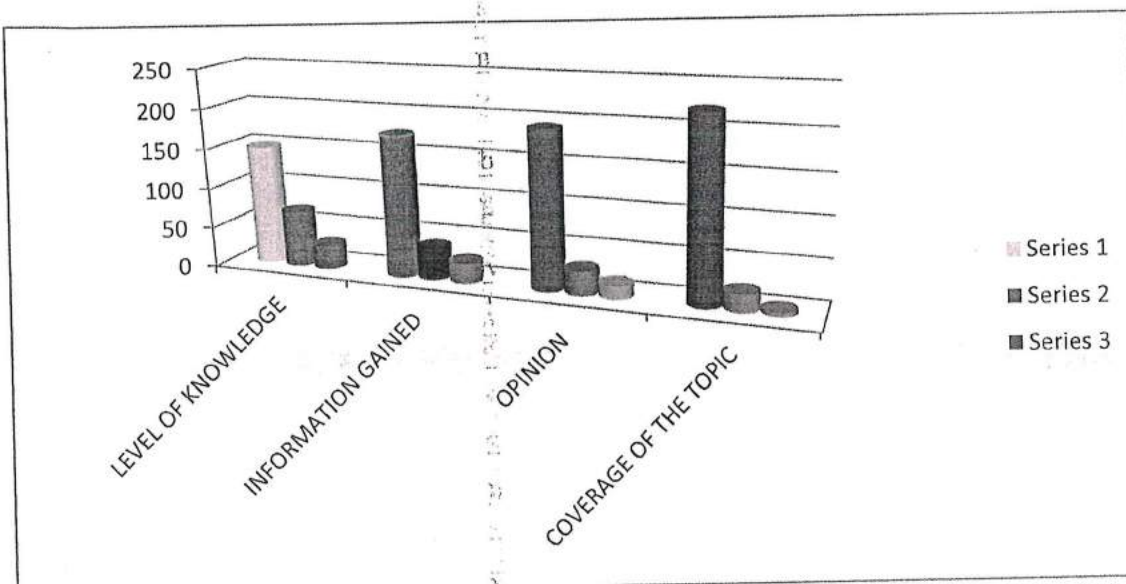
- Karpagam Academy Of Higher Education, Coimbatore
- Vels University School Of Law
- School Of Excellence In Law
- Dr. Ambedkar Govt. Law College
- Kings Engg. College
- St. Joseph Insitute Of Technology
- Holy Cross Arts and Science College
- Vivekananda Arts and Science College Agasteeswaram
- CRESCENT LAW University
- Central Institute of Brackishwater Aquaculture (CIBA)
- Pachiyappa's Arts and Science college
- A.M JAIN Arts and Science college
- Sri SivasubramaniyaNadar (SSN) College of Engineering
- Anna Adarsh Arts and Science College
- Indian Institutes of Technology
- Stella marry's Arts and Science college
- St. Joseph's College of Engineering
- Virtual Publication, IMO, CHENNAI

- Bharath Institute of Higher Education
- Vellore Institute of Technology
- Kalinga Institute of Industrial Technology
- M.O.P. Vaishnav College for Women
- Saveetha University
- Institute of Company Secretaries of India
- Institute of Cost and work accountants of India
- Central Marine fisheries research institute
- RR Academy
- D.G.Vaishnav College

Evaluation of the workshop

Day-1 and Day 2 each participant's existing knowledge of IPR was assessed by feed back.

Your level of knowledge in IPR before attending this workshop		
Beginner = 150	Intermediate = 38	Advanced = 15
Information gained through IPR Workshop		
Excellent = 175	Good = 18	Fair = 10
Opinion about the invited lectures in the workshop		
Excellent = 174	Good = 21	Fair = 8
Coverage of the topics relates to IPR		
Excellent = 189	Good = 11	Fair = 3





Department of Naval Architecture & Offshore Engineering

WORKSHOP: PATEN FILING – AN A WARNESS PROGRAMME

REPORT

12/3/20 p. 50

Date: 12/03/2020

Venue: DNV Hall II

The one day workshop was conducted by the department of Naval Architecture & Offshore Engineering. Students & I faculties attended the workshop. HOD introduced the resource person to the department and asked her to take over the session.

Mrs. Preethi Narayanan, Patent consultant, Chennai gave a brief introduction about the topic. Also she explained about the present scenario in the patent & IPR. The speaker gave a complete explanation about the patent filing.

She explained the content through a PPT & Video & also shared her experience about working with the patent & IPR.

After the session was over, the staffs & students interacted with her asking about the safety regulations during recycling. Then, Mr. MSP Raju HOD (NA&OE) conveyed his sincere thanks to the speaker for her kind interest to enlighten the department on a very relevant topic and distributed the certificates to the participants.

STUDENT'S FEEDBACK:-

The students were very happy and satisfied to know about something new and were enriched with knowledge about patent filing. They thanked the department for organizing the workshop and asked the department to do many more workshops on relevant topics.

SPEAKER'S FEEDBACK:-

The speaker was comfortable & pleased by the student's interest towards the topic. She was also pleased by the way how the students presented themselves and were happy in clearing the doubts the students had towards the end of the session.



NA/025/2019

Date: 03.03.2020

Department of Naval Architecture & Offshore Engineering

SUB: Permission and requirement for Organizing a Workshop on Patent Filing – An Awareness Programme.

1. Mrs. Preethi Narayanan, Patent consultant, Chennai has agreed to deliver a lecture on 12/03/2020 from 11.00 am to 01.00 pm in our University.

2. Requirements for the Workshop:

- a) DNV Hall II for 2 hrs from 11 AM to 01 PM on 12/03/2020.
- b) Honorarium for guest = Rs 3000/-
- c) Travelling allowance = Rs 1000/-
- d) Banner cost = Rs 500/-
- e) Certificate expenses = Rs 500
- f) Photo Coverage.
- g) Tea & Snacks for 07 persons at 1100 AM.
- h) Lunch for the Guest at HOD Canteen.

Registrar

Handwritten signature: MSP Raju
(MSP Raju)

HOD (NA & OE)

Handwritten note: It may be approved

Handwritten note: k-singh 03/03/2020 R/c

Handwritten signature: V.C.
4/3/20

Handwritten note: pay Rs. 5000/- in Imp ale

Handwritten signature: 03/3/20

Profile in Brief

Mrs. Preethi Narayanan is a patent consultant from Chennai. She is a registered Patent Agent at Indian Patent Office and registered startup Patent facilitator under startup India scheme.

Professional Experience

She has 10 years of professional experience, which includes seven years of experience in the field of Patents. She has past experience in working with reputed law firms and in Center for Intellectual Property rights, Anna University, Chennai. She has delivered lectures in patent awareness workshops at universities and colleges across Tamilnadu conducted by Tamil Nadu State Council for Science and Technology and also she has delivered guest lectures on patent at colleges across Tamilnadu. As a patent consultant, she is providing full patent services from prior art search till grant of patent.

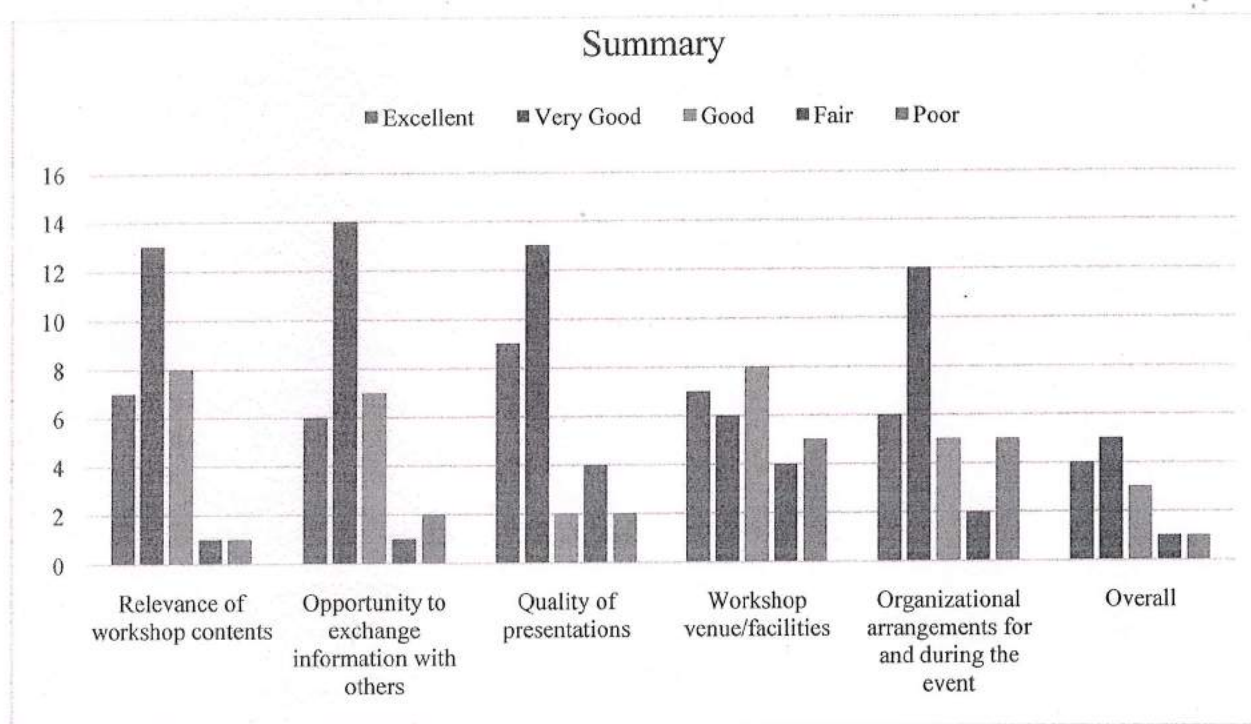
Even though her area of specialization is in Biotechnology, she has handled various technical fields such as Pharma, life sciences, chemistry, electrical and electronics, mechanical etc., and she has handled clients from various domains from academic to industry. She has experience in patent searches and patent analysis with a working knowledge in numerous paid patent databases.

Education

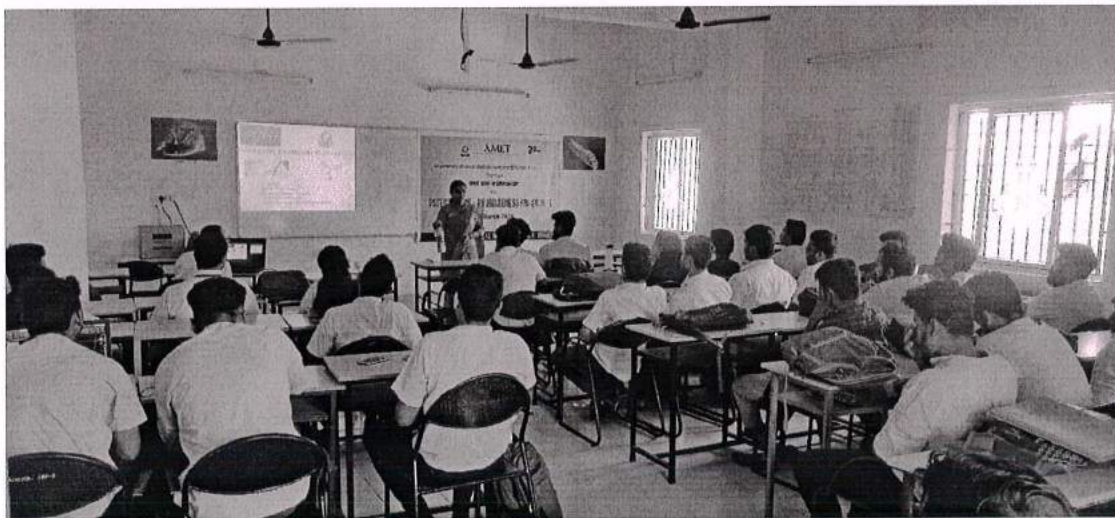
Mrs. Preethi has completed her Master degree from Madras University. Further, she has completed Post graduate Diploma in Intellectual Property rights from Indira Gandhi National Open University and Post Graduate Diploma in Patent law from NALSAR, Hyderabad.

Patent Filing Workshop: Students Feedback Analysis Report – Department of NA&OE

Sl. No.	Parameter	Feedback					
		Excellent	Very good	Good	Fair	Poor	Overall
1	Relevance of workshop contents	7	6	9	7	6	4
2	Opportunity to exchange information with others	13	14	13	6	12	5
3	Quality of presentations	8	7	2	8	5	3
4	Workshop Venue/facilities	1	1	4	4	2	1
5	Organizational arrangements for and during the event	1	2	2	5	5	1



PHOTOS





AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
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(Under Section 3 of UGC Act 1956)

Department of Naval Architecture & Offshore Engineering

ONE DAY WORKSHOP ON

"PATENT FILING-AN AWARENESS PROGRAMME" ON 12th MARCH 2020

S.No	Roll. No	Name	Year	Signature
1.	NA1024	A. Veera Ragavan	4 th year	A. m
2.	NA 970	P. Ashlin	4 th year	Ashlin
3.	NA998	P. Mugesh Kannan	4 th year	Mugesh
4.	NA1000	Mohd. Hilsham	4 th year	Mohd. Hilsham
5.	NA 961	Ajin Abraham	4 th year	Ajin
6.	NA1016	Enchal. v. Pillai	4 th year	Enchal
7.	NA 962	AKBAR BABU	IV th yr	Akbar
8.	NA966	Ananthu. B.S	IV th year	Ananthu
✓ 9.	NA1122L	D. Ram Kishna Raju.	IV th yr	D. Ram Kishna Raju
10.	NA989	JERINI SHIBU	4 th year	Jerini Shibu
11.	NA964	AMAN SINGH BISHT	4 th Year	Aman
✓ 12.	NA959	ABHIROOP.K	4 th year	Abhirup
13.	NA1009	B. RAMAR	4 th year	B. Ramar
✓ 14.	NA956	ELSARISHA MANIHA	4 th YEAR	S. Mani
15.	NA1021	Akhil. Thik	4 th yr	Akhil
✓ 16.	NA1022	Varun Wejjala	4 th yr	Varun Wejjala
✓ 17.	NA957	VARADA SALDAS	4 th Year	Varada
18.	NA1013	Sathya Nungun. S.	4 th year	Sathya
19.	NA1044L	A. Nisamathullah	4 th year	A. Nisamathullah
✓ 20.	NA1041T	PHRUTI ADITI TIWARI	IV th YEAR	Phruti Tiwari

S.No	Roll. No	Name	Year	Signature
21.	NA1022L	Keerthi Priya Roshini.S	IV th year	Keerthi
22.	NA 1008	R. Ram Kumar	IV year	R. Ram Kumar
23.	NA1006	M. Rajamanickam	IV year	M. Rajamanickam
24.	NA1031	G. A. Rofen	IV th Year	G. A. Rofen
25.	NA1031	Vinesh. T	IV th Year	Vinesh. T
26.	NA999	AJNAS. K	IV th year	AJNAS. K
27.	NA 1017	S. Suden nilavan	IV th year	S. Suden nilavan
28.	NA1045L	SHIVAM MEHROTRA	IV th year	Shivam
29.	NA-1001	Narash Kumar.D	IV th yr	Narash Kumar.D
30.	NA 1033	Vivekananth. P	IV th yr.	P. Vivekananth.
31.	NA1025	Veerathamilmahan. S	IV yr	S. Veeratham
32.	RNA901	A.R. PRITHVI	IV yr	A.R. Prithvi
33.	NA 974	P. Bhavya natha Reddy	IV yr	P. Bhavya
34.	NA 967	Anugrah ras	IV yr	Anugrah ras
35.	NA 1038	Vinil PS	IV yr	Vinil PS
36.	NA1011	Sachu Antony	IV yr	Sachu Antony
37.	NA1035	Yadav p.p	IV yr	Yadav p.p
38.	NA 960	AFFIN ROY	IV yr.	Affin Roy
39.	NA1034	Vybhakth. S	IV yr	Vybhakth. S
40.				



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Department of Naval Architecture & Offshore Engineering

ONE DAY WORKSHOP ON

"PATENT FILING-AN AWARENESS PROGRAMME" ON 12th MARCH 2020

S.No	Name	Department	Designation	Signature
1.	A. Prem Anandh	NA & OE	Asst. Prof	
2.	R. Jaya Surya	NAOE	Asst. Prof	
3.	S. Ramaswami	NA & OE	Asst Professor	
4.	Sri Vathsan. B	Naval Architecture	Assistant professor	
5.	MSP RATN	NA & OE	ASSOCIATE PROF	
6.	Prasob PA	NA & OE	Assistant Prof	
7.	Patel Arbhaz	NA & OE	Assistant Prof.	
8.	K. Sujit Kumar	NA & OE	Assistant prof.	
9.	Y. Gopi Krishnan	NA & OE	Ant. Prof.	
10.	M. Gokthapriya	NA & OE	Asst. Prof	
11.	Vignesh	NA & OE	Teaching Asst	
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				



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28
years

DEPARTMENT OF NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING

ONE DAY WORKSHOP

On


PATENT FILING - AN AWARENESS PROGRAMME


CERTIFICATE

This is to certify that Mr. / Mrs **ABHIR K...**

has participated in the One day Workshop on Patent Filing - An Awareness Programme organized by the

Department of Naval Architecture and Offshore Engineering during 12th March 2020 at AMET University.


S. Ramaswami
Coordinator


M.S.P. Raju
HOD (NA&OE)



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21/2/20 -
22/2/20
302

National Mathematics Workshop for Higher Secondary School Teachers

(21-02-2020 and 22-02-2020)

Report submitted to the AMET University



Organized by

Department of Mathematics
AMET University, Chennai

Sponsored by



Tamilnadu Teachers Education



Association of Mathematics Teachers India

Triplicane, Chennai.



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Department of Mathematics

Category: National mathematics workshop for higher secondary school teachers.

The origin of higher Secondary Education in India can be traced back to the report of the Secondary Education Commission, 1953. In reviewing the problems of secondary education in India, the Commission considered the basic short comings of the then secondary schools of the country. The Commission observed the traditional curriculum and methods of teaching, excessive emphasis on the study of English Language, lack of personal contact of teacher and taught, growing indiscipline, increase in the size of classes etc. The Commission opined for the reorientation of secondary education as a whole and suggested for bringing about a greater diversity and comprehensiveness in educational courses at the secondary stage. Further the Commission recommended for 5 years primary, 3 years lower-secondary, 4 years multipurpose higher secondary and 3 years of first degree course. According to the suggestions of the Commission initiative was taken by the central government for the conversion of existing secondary schools to higher secondary multipurpose schools, therefore, in the first plan 250 multipurpose schools were established.

Gradually, steps were taken to convert more and more schools to higher secondary multipurpose schools. As such, by the end of second plan the number of higher secondary schools was 3121. During the third plan, the programmes initiated in the second plan continued and greater stress was laid on the conversion of high schools into higher secondary schools with scope for a number of elective subjects, expansion and improvement of facilities for the teaching of science, provision of educational and vocational guidance, reform in evaluation system etc. It was hoped to increase the number of higher secondary schools to 6390, by the end of the plan and to strengthen such schools already converted during second plan. But the most significant feature during the period was the appointment of Indian Education Commission (1964-66) which gave much emphasis to the higher secondary stage of education.

The epoch-making changes suggested in the Kothari Commission document regarding the new pattern of education 10+2+3 gained intellectual acceptance. It ushered in a new way of thinking of the new challenges in the field of education. The importance of higher secondary stage of education as a terminal stage for a large number of the student population as also feeder stage to professional education cannot be under scored. Almost in all the states and Union territories, classes IX to XI constituted the composite secondary as well as higher secondary stage and in some states it was attached with the general colleges.

In the sixth five-year plan, in the field of higher secondary education facilities were extended to rural and backward areas and access provided to the weaker and more backward sections of the people with consolidation of existing facilities and improvement of standard. Even then the progress was not encouraging. Therefore, in the fifth All India Educational Survey an assessment of educational facilities at this stage had been attempted separately. According to the survey the higher secondary institutions were available in 8,940 habitations out of 9,81,864 in rural areas, within a distance of eight kilometers. Most of the habitations pre-dominantly populated by the scheduled castes and scheduled tribes were not served by the higher secondary education facilities within eight kilometers. The number of habitations were 36,942 and 1,64,129 respectively.

By the year 1973, there were 9505 higher secondary schools in the country. But the number increased to 10,429 and 15,465 by the year 1978 and 1986 respectively. The enormous growth was mainly due to the adoption of the new pattern of 10+2 education. In a large number of schools, classes XI-XII, were introduced, thus increasing the number of higher secondary schools much more between 1978 and 1986. Out of the total number higher secondary schools, 7136 in rural areas and 8329 were in urban areas, the schools were under the management of government, local body, private-aided and private-unaided respectively. To speak the truth maximum number of schools were privately managed. Besides, the number of pupils in rural and urban schools were 13,28,726 and 21,80,845 respectively. However, the expansion of educational facilities had also helped to some extent in correction of regional and other imbalances during the seventh plan. During the plan period the 10+2 pattern of education had been adopted by 20 States and 9 Union Territories.

By the year 1986, there were 52,06,814 pupils in classes XI and XII in the country. Out of 15,465 higher secondary schools, 13,399 (86.64%), 10,775 (69.67%) and 5,722 (36.99%) schools respectively had teaching facility in Arts, Science and Commerce streams for students.

Computer Science was available in only 94(0.61%) schools. Besides, there was provision of teaching in Home Science, Agriculture, Technical courses in some higher secondary schools. It is needless to mention that the higher secondary stage is a crucial stage of school education as after this stage student become eligible to compete for professional courses to be future engineers, technologists, doctors, teachers or for pursuing academic courses at the tertiary stage. A large number of them also join the world of work. Therefore, it is at this stage the students are exposed to the structure of individual subject disciplines such as Physics, Chemistry, Biology, Mathematics, Geology, History, Geography, Political Science, Economics, Sociology, Philosophy, Psychology, Languages etc.

Therefore, 'the programme of reorientation of content and process needs to be worked out for higher secondary stage as it marks the beginning of differentiation and diversification' opined NPE, 1986. Moreover, it advocated and emphasized for the "revising the syllabi and instructional materials in the light of the revised policy formulations wherever necessary; study of state level curriculum materials from the stand point of implementation of the NPE thrusts; semesterisation of the +2 stage curricula and development of exemplar materials". However, keeping in view the suggestions of NPE, the national curricular frame work for higher secondary education prepared by NCERT was finalized. Accordingly, the educational authorities in the states/UTS were advised to initiate the implementation of the new frame work. With the passing of time number of higher secondary schools increased to 43,951 by the year September 2002-2003, along with 10,37,455 teachers.

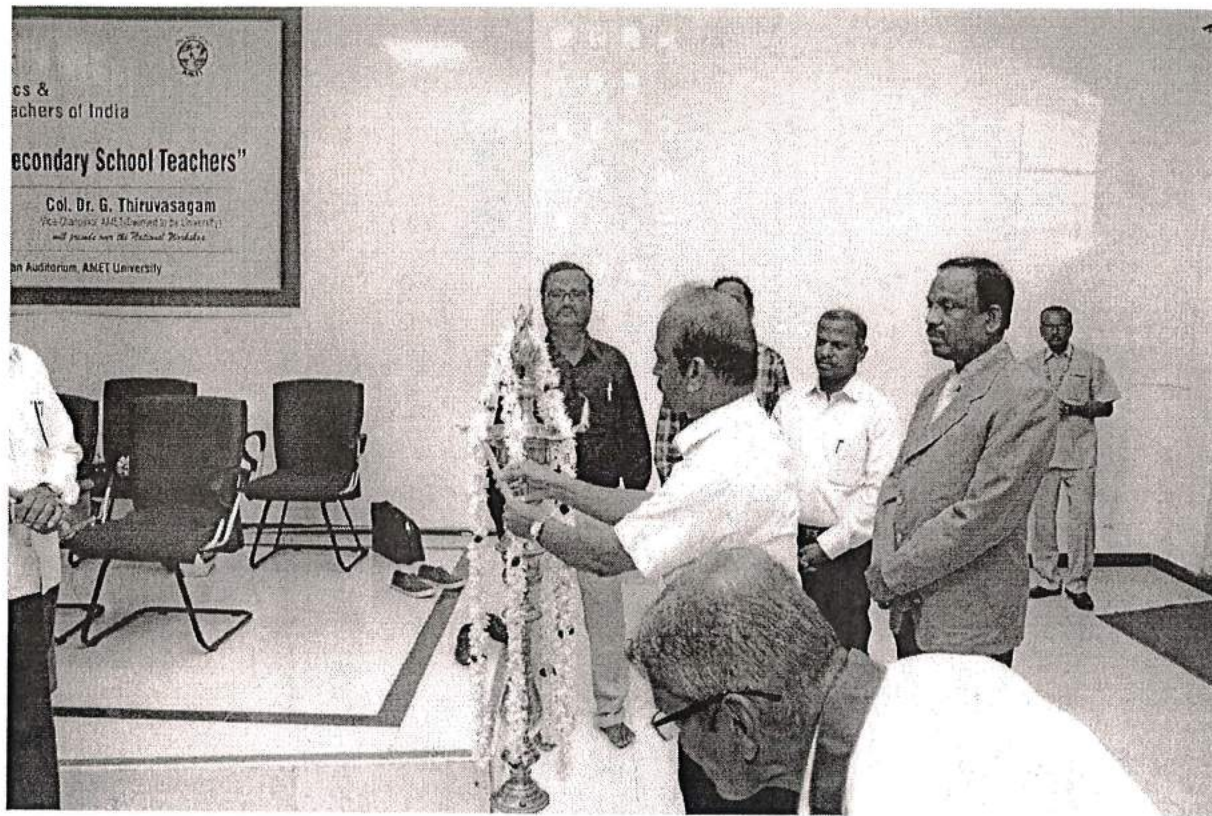
Higher secondary education is the level that is attained by the students after they successfully clear their 10th board exam or lower secondary education. Higher secondary education is also comprised of two years like the lower secondary education. It is known as class 11 and 12 among the Indian students. Higher Secondary Education means final stage of senior secondary education. Senior secondary education is comprised of four years, two for lower secondary and the two for higher secondary. Higher secondary education is also meant to be prepared for the college or university education that, of course, is the next level of education in India.

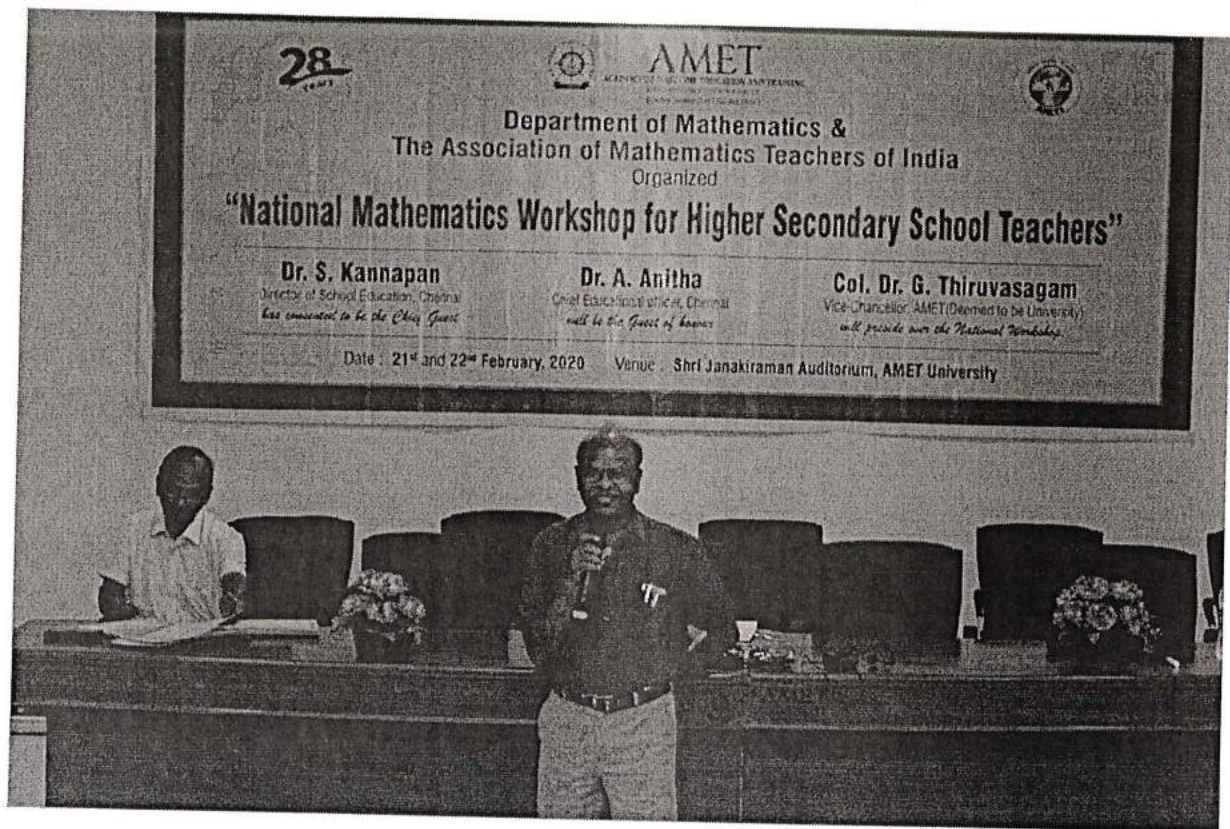
The Value of Workshops and Continuing Education for Teachers

Some of the best years in life are the time spent as a child and later our collegiate years... As working adults in a fast paced society, we sometimes forget just how precious and fleeting those years are (Peter W. D. Wright, Pamela Dar, and Suzanne Whitney). Good teachers become great teachers by going beyond the call of duty and beyond the textbook. To do this, he or she must continue their education. There are conferences, workshops, and continuing education that could give the teacher that extra help in technology for their students. There are online workshops, and classes that teachers could attend as well as on-site workshop and classes. Administrators should encourage their teachers to continue their education as well as make opportunities available for them to do so. Moreover, administrators and districts should offer to either pay or help pay for the classes and workshops.

There are workshops on how to integrate technology into the classroom and how to make it cross curricular. There are also conferences that will have several workshops all at one time so that teachers and administrators can go to more than one workshop at a time. These conferences will give the teacher the information and tools they need to integrate technology in the classroom as well as CPDUs (Continuing Professional Development Units) to help their career. There are many things that we as educators and future administrators can do to further our education and increase our ability and the ability of our students.

It motivated to organize a workshop in the name of “**National Mathematics Workshop for Higher Secondary School Teachers**”. It was held on 21-02-2020 and 22-02-2020 from the Department of Mathematics. The program was very helpful for school teacher those who are handling 11th and 12th standards. The first day of the program started with inauguration function, in the presence of our honourable Vice Chancellor and chief guests.







We felt happy and thank Dr. A. Anitha, CEO Chennai, Our guest of honor for their presence in this workshop. Their thoughts are always related to the student's growth and knowledge and also about the teachers. Through this workshop we came to know that our Head of the Department Dr. L. Rajendran is the Ph. D Supervisor of Dr. A. Anitha, CEO Chennai. Her speech is very motivational to the teachers. She taught, how to handle and educate the higher secondary school students to the teachers from various schools in Chennai. Finally, she distributed the participation certificate to the teachers.

28
years



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DEPARTMENT OF MARINE BIOTECHNOLOGY

LUMINOUS CLUB

Organizes

WEBINAR ON

NANOTOXICITY OF MATERIALS IN MARINE ECOSYSTEM

Speaker

DR.A.RAJASEKAR

Assistant professor

Department of Biotechnology,

SRM Institute of science and technology,

Ramapuram, Chennai-600089



Meeting via
GOOGLE MEET



03/07/2020
11.30am-12.30pm

REGISTRATION LINK: <https://forms.gle/5g9wpypUNbspGGbD7>

Registered participants will receive the meeting link on their respective email id by Thursday evening

Secretary :

Dr. W. SYLVESTER FREDRICK

ASSISTANT PROFESSOR, DEPARTMENT OF MARINE BIOTECHNOLOGY

9840074103

sylvesterfredy@gmail.com

e-Certificate will be given to registered participants upon submitting feedback and successful completion of webinar.

Admission opened for M.Sc/Ph.D programmes in Marine Biotechnology (with 100% Scholarship)

Admissions for the year 2020-2021 are open; Toll Free Number: 1800 108 3030;

Contact for admission: 91 - 93443 91418 (WhatsApp); E mail: admission@ametuniv.ac.in

Facebook Link : <https://www.facebook.com/AMETInternational/>

Instagram : <https://www.instagram.com/amet.university/>

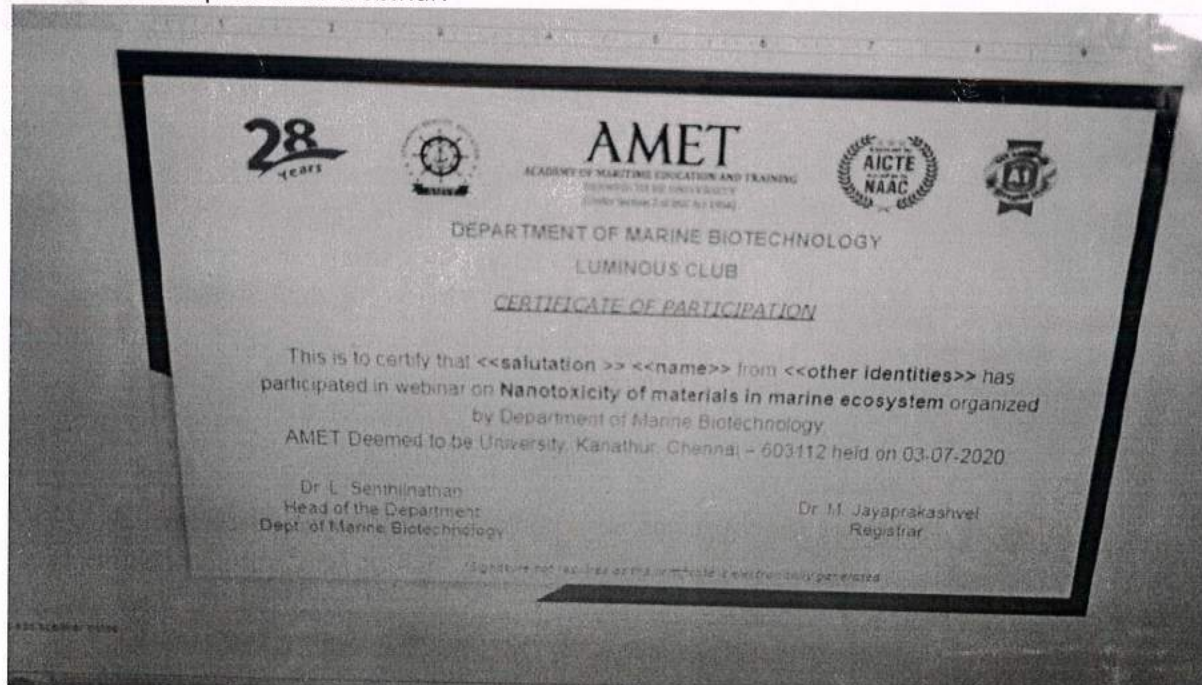
You tube : https://www.youtube.com/channel/UC6JzFz1MSE_QBObJmMPLzPQ/



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28
years

- 1) Programme name: Webinar on "Nanotoxicity of Materials in Marine Ecosystem"
- 2) Organizing Department: Department of Marine Biotechnology (Luminous Club)
- 3) Date: 03-07-2020
- 4) Time: 11:30am- 12:30 pm
- 5) Media: Google Meet
- 6) Speaker Information: **DR. A. RAJASEKAR**
Assistant Professor,
Department of Biotechnology,
SRM Institute of Science and Technology,
Ramapuram, Chennai-600089
- 7) Organizing Secretary: **Dr.W. Sylvester Fredrick**
Assistant Professor, Department of Marine Biotechnology
9840074103
sylvesterfredy@gmail.com
- 8) E-Certificate will be given to registered participants upon submitting feedback and successful completion of webinar.



9) Participant level: 250

10) Brochure and invitation draft:

Dear all, Greetings!
AMET Deemed to be University,
135, East Coast Road, Chennai 603112.
Department of Marine Biotechnology,
Luminous Club,

We are going to organize a webinar on "**Nanotoxicity of materials in Marine Ecosystem**"

Speaker:

DR. A. RAJASEKAR

Assistant Professor,
Department of Biotechnology,
SRM Institute of Science and Technology,
Ramapuram, Chennai-600089

Event Date: 03-07-2020

Time: 11:30 am to 12:30 pm

Registration free

Click here to register: <https://forms.gle/5g9wpypUNbspGGbD7>

Registered Participants will receive joining information to their respective e-mail ID.

E- certificates will be provided only to the Registered Participants on submitting feedback form after the Webinar session.

For any other information contact through mail-
hodmbt@ametuniv.ac.in ; luminousclub65@gmail.com

Program Co-ordinator:

Dr.W. Sylvester Fredrick

Assistant Professor, Department of Marine Biotechnology
9840074103, sylvesterfredy@gmail.com

With Warm Regards,
Luminous club,
Department of Marine Biotechnology,
AMET Deemed to be University,
Chennai – 603112

Brochure has been sent along with this file.

28
years



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DEPARTMENT OF MECHANICAL ENGINEERING

Presents

A Faculty Development Program through a Web series
On

Engineering Mechanics

Key features

- Session handled by experienced faculty
- Session with practical examples
- Registration free
- Limited participants Only
- Session mode through Webex
- e-certificate to all registered participants
- Link will be send to your WhatsApp number

@ 10 a.m. – 12 p.m.

18.05.2020 - Session 1

19.05.2020 - Session 2

20.05.2020 - Session 3

21.05.2020 - Session 4

22.05.2020 - Session 5

For Registration
[CLICK ME](#)

Convenor

Prof. Dr.R.Rajavel, M.E. Ph.D,
Department of Mechanical Engineering,
Academy of Maritime Education and Training
Chennai - 603112

Session handled by

Prof. Dr. E. Chandraseelan
Department of Mechanical Engineering,
Academy of Maritime Education and Training
Chennai - 603112

AMET Deemed to be University has got a unique distinction of being the first maritime university established in India and offering academic, research, training in Maritime education as well as offering consultancy Service to much to produce human resources to the Shipping industry in India and abroad. Invariably at least five students cadets of AMET Proudly occupy exalted positions like chief engineers, captains and others key posts in every ship sailing in the international waters. Further AMET Proudly holds the prestigious award of "A1 outstanding grade" conferred by the Directorate General of Shipping, Ministry of Shipping, and Government of India.

LIST OF PROGRAMMES OFFERED

U.G. Programmes

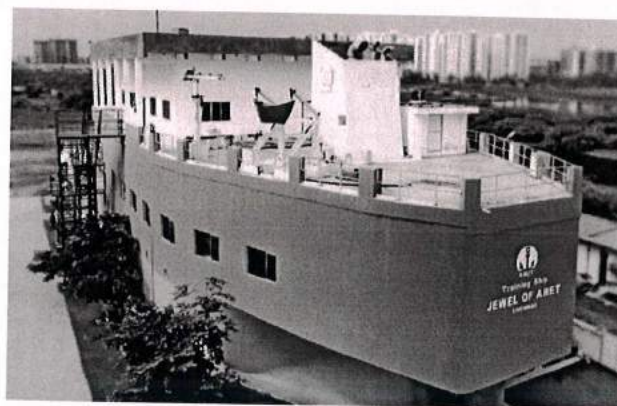
- B.Sc.Nautical Science
- B.E.Marine Engineering
- B.E.Naval Architecture and Offshore Engineering
- B.E. Petroleum Engineering
- B.E. Mechanical Engineering
- B.E. Electrical & Electronics Engineering
- B.Tech. Food Processing Technology
- B.E. Mining Engineering
- B.B.A. Shipping
- B.Com Logistics & Computer Applications
- B.Voc. (BFSI - Banking Finance Services and Insurance)

P.G. Programmes

- M. E. Naval Architecture and Offshore Engineering
- M. E. Petroleum Engineering
- M.E. Thermal & Fluid Engineering
- M.E. Power Systems
- M.B.A. Shipping & Logistics Management
- M.Sc Marine Biotechnology

Ph.D. Programmes

- AMET Business School
- Electrical & Electronics Engineering
- Harbour & Ocean Engineering
- Marine Bio-Technology
- Mechanical Engineering
- Petroleum Engineering
- Physics
- Chemistry
- English
- Information Technology
- Marine Engineering
- Mathematics
- Nautical Science
- Naval Architecture and Offshore Engineering



City Office

5107, H2, II Avenue, Anna Nagar, Chennai - 600 040
Tel: +91 - 44 26161180 / 26161026 / 1438
Fax: +91-44-26162827

Campus

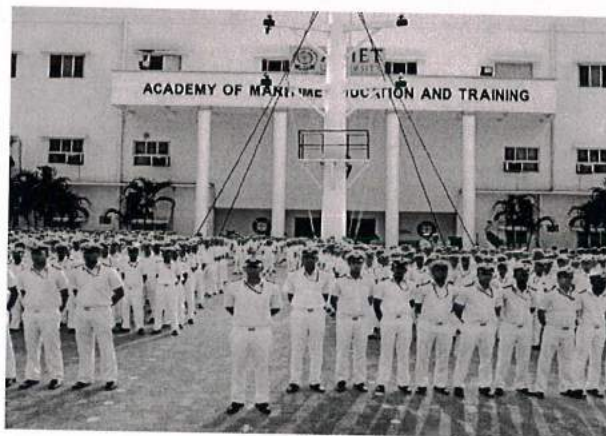
135, East Coast Road, Kanathur, Chennai - 603 112, India
Tel.: 91-44-27444625 / 627 / 628
Fax : 91-44-27472804 / 27472904
Email : office@ametuniv.ac.in

Admission Department

076677 99444 / 93443 91418 / 93444 08532 / 87545 99801

For All Admission Enquiry, Email has to be sent only to
admission@ametuniv.ac.in

www.ametuniv.ac.in www.ametindia.com



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Youtube : https://www.youtube.com/channel/UC6JzFz1MSE_QBObJmMPLzPQ/



INTERNAL QUALITY ASSURANCE CELL (IQAC)

PROFORMA FOR REPORT ON FDP/ONLINE EVENTS

Name of the Department:Mechanical Engineering.....

Category	Conference/Seminar/Workshop/Symposium/Orientation- Programmes/ FDP /OTHERS			
Name of the event	A five day Faculty Development Program on "Engineering Mechanics"			
Date & Time	May 18, 2020 to May 22, 2020 @ 10:00 a.m. -12:00 p.m. every day			
Theme	To enrich the knowledge of faculty members on the course Engineering Mechanics, taught to I year of all branches of B.E students.			
Level	International/National/Regional/University level			
Convener	Dr.R.Rajavel			
Organizing Secretary/ Coordinator	Dr.R. E. Chandraseelan and Mr. P. Ramanathan			
Other Agencies/Collaborators involved				
Total No. of Participants/Beneficiaries	External	Internal	Total	
	62	27	89	
List of National and International Dignitaries/resource persons invited and their role in the events	Name	Affiliation	Resource Person/Role	Title of the Presentation
	Dr.R. E. Chandraseelan	AMET	Presenter	Engineering Mechanics
	Dr.R.Rajavel	AMET	Presenter	Engineering Mechanics
	*All the five day of the program			
Souvenir/Book of Abstracts/Proceedings released	Yes/No If yes, ISBN No:.....			

NECESSARY ENCLOSURES

Particular	Enclosed
Brochure and Invitations	Yes/ No Annexure 1
Copy of Approval from AMET Authority	Yes/ No Annexure 2
Registration/Attendance of Participants	Yes/ No Annexure 3
One Page Write up on the event with Photograph or Screen Shots or You tube Video Link	Yes/ No Annexure 4
Analysis report for feedback and action plan for improvement	Yes/ No Annexure 5
Three copies of Souvenir/Book of Abstracts/Proceedings	Yes /No
Newspaper/Media appearance	Yes /No
Certificate/E-Certificate Provided If "Yes" Provide a sample	Yes/ No Annexure 6
Proof for settling of accounts, if any	Yes/ No / NA as there was No expense

Dr.R.Rajavel

Dr.R.Rajavel

Signature of the Convener/Organizing Secretary

Signature of the Head of the Department

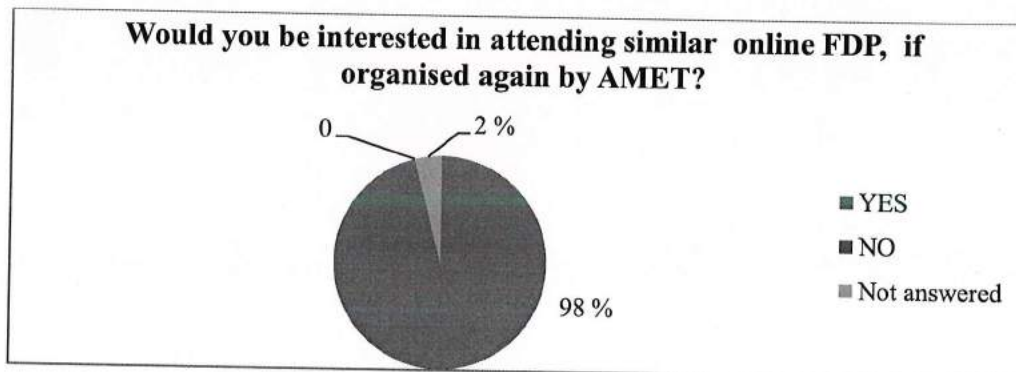
AMET Deemed to be University

DEPARTMENT OF MECHANICAL ENGINEERING

Feedback analysis on the FDP on "Engineering Mechanics"

Event Name : A FDP on "Engineering Mechanics"
Date and Time : May 18, 2020 to May 22, 2020 and 10:00 -12:00 a.m.
Convener : Dr.R.Rajavel

1. Your e-mail id :
2. Name of the Participant :
3. Name of the institution :
4. Whatsapp number :
5. Would you be interested in attending similar FDP, if organized through AMET?



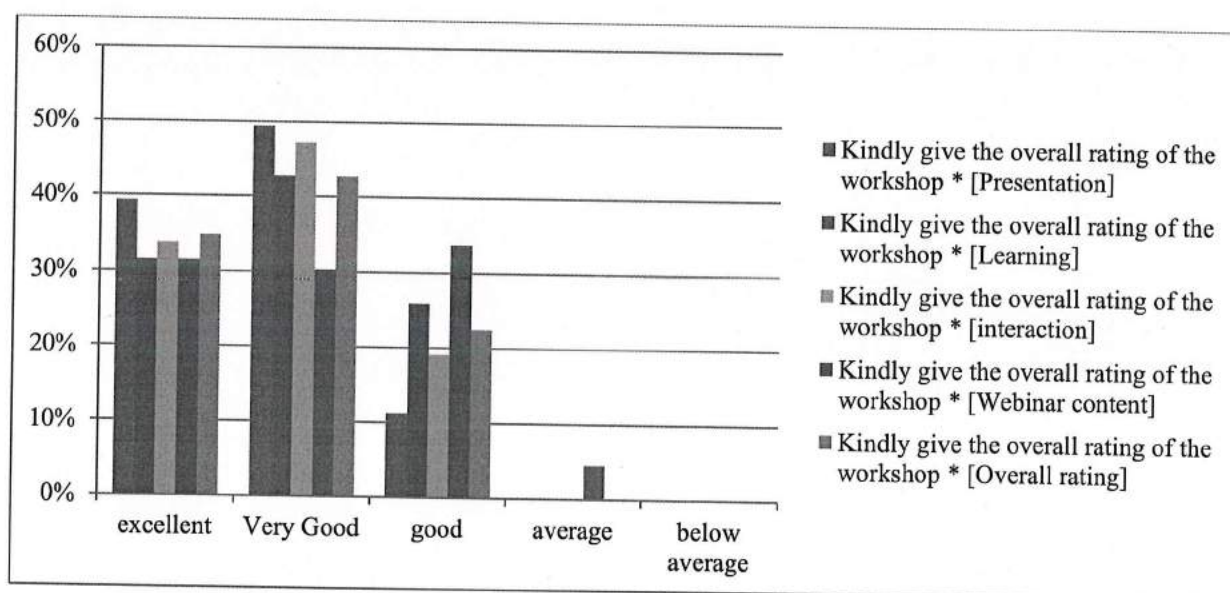
6. Suggest a FDP topic you would like to attend during this lock-down period.

- 1) Industrial robotics
- 2) Pipeline Design
- 3) CAD
- 4) Mechatronics
- 5) Software applications like MiniTAB, Design Expert, MATLAB
- 6) R & AC
- 7) CNC machine
- 8) Machine learning
- 9) Manufacturing Technology
- 10) Smart Materials
- 11) Electric vehicle
- 12) CAM

- 13) Welding technology
- 14) FEA
- 15) INTERNET OF THINGS
- 16) Thermal Engineering
- 17) Artificial intelligence and Robotics
- 18) NBA accreditation
- 19) Industrial 4.0
- 20) Advanced materials
- 21) Swarm robots
- 22) Advanced IC Engines
- 23) Heat transfer

7. Rating on the FDP program

Criteria	excellent	Very Good	good	average	below average
Kindly give the overall rating of the workshop * [Presentation]	39%	49%	11%	0%	0%
Kindly give the overall rating of the workshop * [Learning]	33%	45%	22%	0%	0%
Kindly give the overall rating of the workshop * [interaction]	34%	47%	19%	0%	0%
Kindly give the overall rating of the workshop * [FDP content]	31%	30%	34%	4%	0%
Kindly give the overall rating of the workshop * [Overall rating]	35%	43%	22%	0%	0%



8. State your suggestions for our improvement

- 1) Nice
- 2) Better
- 3) Nice. When will you Share the slides and videos
- 4) get better internet connectivity ;
- 5) None
- 6) More Practical Examples
- 7) Super FDP
- 8) Informative. Share the slides and videos
- 9) No comments
- 10) Nil
- 11) Cleared doubts
- 12) Well managed
- 13) To conduct more FDPs in this lockdown period. thank you
- 14) Except few network issues during video switchover, FDP was excellent
- 15) Neatly Organized
- 16) organize more such FDP
- 17) Good. When will I get the certificate
- 18) nothing
- 19) FDP may be conducted through "gotowebinar" app
- 20) good
- 21) Share slides for presentation and provide link for videos
- 22) well Organized
- 23) Good show done
- 24) Share slides and video
- 25) Interesting. Lot of information
- 26) Good. Share the slides and videos
- 27) Don't be in a hurry to complete the presentation. Good presentation.
- 28) Good. Try to finish on-time
- 29) You hv to arranged another session like this
- 30) No suggestions
- 31) No Suggestions
- 32) Good presentation
- 33) Nicely managed the FDP
- 34) It was an excellent session.
- 35) nothing sir
- 36) Excellent
- 37) Good video and examples
- 38) Don't rush up. Need more session like these
- 39) expect more such FDP program
- 40) Share the slides
- 41) well Organized
- 42) Good examples
- 43) Share the video link
- 44) Well done professor.
- 45) Too much content



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years

Proposal to conduct

Webinar on

***“Higher Education/Research Aspiration –
Applying Chemistry Principles”***

Organized by

Department of Chemistry

Date: 18-06-2020 Time: 10.00 am to 11.00 am

Convenor: Dr. K.K. Sivakumar, Head/Department of Chemistry

E-mail: sivakumarkk@ametuniv.ac.in

E-Certificate will be issued,

Participants: Faculty members, Research Scholars and industrial expert

Brochure Attached

e-Certificate Model: Prepared and Attached

DEPARTMENT OF CHEMISTRY

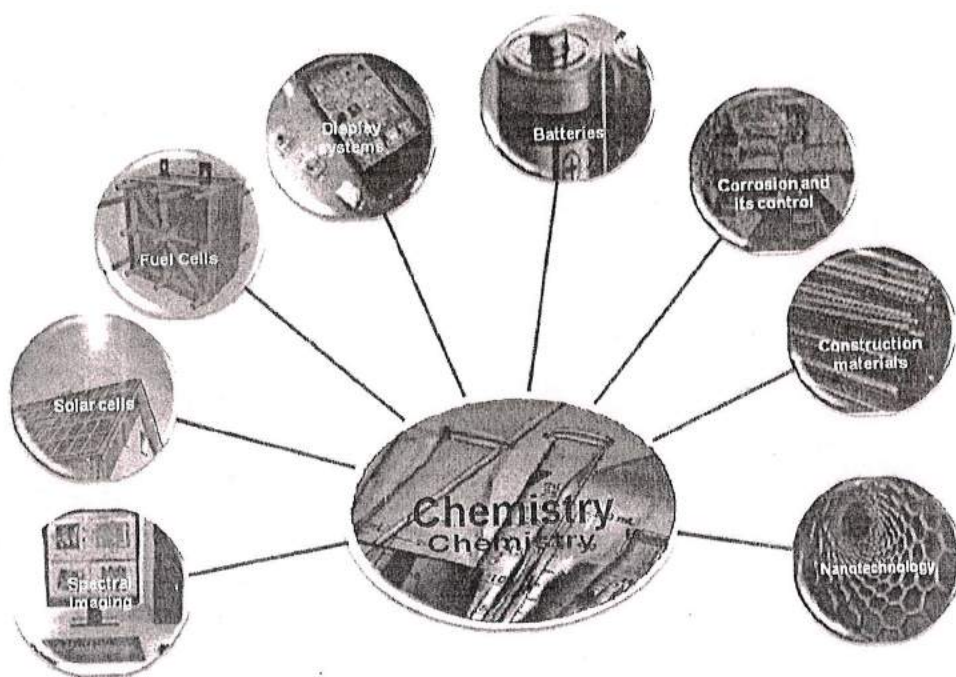
Webinar Report

Title: " Higher Education/Research Aspiration - Applying Chemistry Principles "

The Department of Chemistry conducted a webinar on the topic "**Higher Education/Research Aspiration - Applying Chemistry Principles**". The webinar was conducted on 18th June 2020 from 10.00 am to 11.0 am using Google meet app. The Guest of speaker was **Dr. M. Manivannan, Educational Consultant, Trichy**. The webinar was successfully organized and coordinated by the convenor **Dr. K.K. Sivakumar, Head/Department of Chemistry**. The students and faculty members from various engineering and science colleges of Tamil Nadu participated in this webinar. The presenter focussed on the current problems existing in the technical institutions regarding challenges in front of chemistry – Easy/Difficult for students/research scholars in simple manner. He concluded the following:

Changes in the engineering education are necessary to address the rapidly changing needs of our society. One of the changes could be introducing electives of basic science in the higher semesters, as science is the backbone of engineering. An engineering graduate is expected to apply the knowledge of science and mathematics to solve problems of the society. In this article the role of chemistry in engineering education is emphasized, as chemistry is very important and also the most neglected basic science. I am presenting here some topics of chemistry (electives), which could broaden the knowledge base and reinforce the engineering education.

Chemistry and basic sciences in general are not cultural complements but form a truly important basis in order to produce a work force of versatile and open minded engineering professionals, able to adapt to scientific and technological innovations. It is important to design the programs with relevant chemistry subjects for the integral education of the students, with a real link to the engineering subjects. An undergraduate course in engineering involves a chemistry subject for just one semester, which gives a very surface knowledge in chemistry. This surface knowledge in chemistry is not sufficient for solving engineering problems. Hence, chemistry electives in higher semesters will prepare students for modern day challenges and a range of career options in an increasingly competitive global marketplace.



Engineering:

Engineering is the application of science and mathematics to solve technical problems and create new systems, products or devices to benefit civilization.

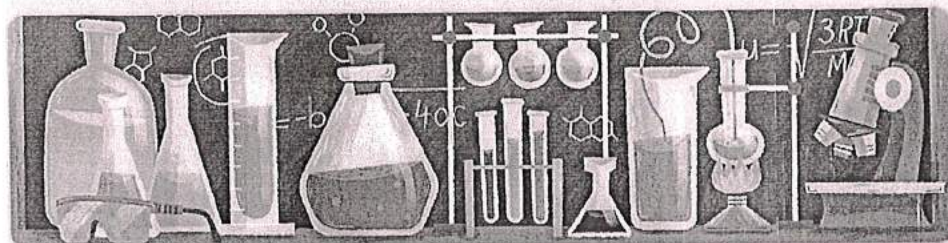
The Accreditation Board for Engineering and Technology (ABET), is a professional organization that oversees engineering education. According to ABET engineering is defined as "the profession in which a knowledge of the mathematical and natural sciences gained by study, experience and practice is applied with judgment to develop ways to utilize, economically, the materials and forces of nature for the benefit of mankind".

The basic sciences or natural sciences (Physics, Chemistry and Mathematics) are a group of subjects which play vital role in undergraduate engineering programs. Chemistry is a part of basic sciences and it is known as central science, because it is important to so many other fields of scientific study.

Finally Dr. K.K. Sivakumar, Convenor acknowledged the workshop by honouring the guest and made vote of thanks.

Untitled form

Questions Responses 2



Seminar registration

On 18th June 2020 (10:00 AM) by Department of Chemistry, AMET Deemed to be University, Chennai

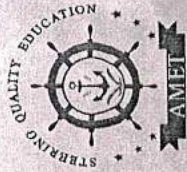
Email address *

Valid email address

This form is collecting email addresses. [Change settings](#)

Name:





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DEPARTMENT OF CHEMISTRY

organises

Skill Development Programme on

Higher Education / Research Aspiration - Applying Chemistry Principles

on 18th June 2020 at Forenoon

Resource Person

Dr. M. Manivannan

Educational Consultant, Trichy / Karur

Link for the webinar will be sent to your registered email id on 17th June 2020



You are cordially invited to attend

Webinar on

"Higher Education/Research Aspiration -

Applying Chemistry Principles"

Organized by

Department of Chemistry

Date: 18-06-2020 Time: 10.00 am to 11.00 am

Speaker

Dr. M. Manivannan, Educational Consultant, Trichy

Google Meet Link: meet.google.com/evh-rikf-chg

Organizing Secretary: Dr. K.K. Sivakumar, Head/Department of Chemistry

E-mail: sivakumarkk@ametuniv.ac.in Contact No: 8838919569

12:04



4G VOLTE 4G R

Tap to return to meeting 08:34



In the meeting (20)



NV

NANDHITHA V

Attendee



PS

PRANAV S S

Attendee



SR

SABARI KAILASH P R

Attendee



SS

SAHANASRI S

Attendee



SC

SHARAVAN G C

Attendee



SS

SHRI HARI J S

Attendee



SJ

SHRIVATSHAN J

Attendee



SP

SHYLAJA P

Attendee



SP

SUBRAJA CHRISTY P

Attendee



TV

TAMIL KAVIYA V

Attendee



TN

TEJAS THOMAS NAGG M N

Attendee



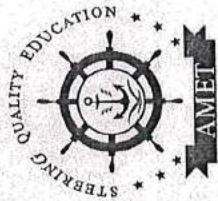
VA

VASHISTAN A

Attendee



MOHANA B



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Department of Chemistry

Certificate of Participation

This is to certify that

.....

has participated in the Skill Development Webinar on
"Higher Education / Research Aspiration - Applying Chemistry Principles"
conducted by Department of Chemistry on 18th June 2020

Dr. K.K. Sivakumar
Organizing Secretary / Head of the Department

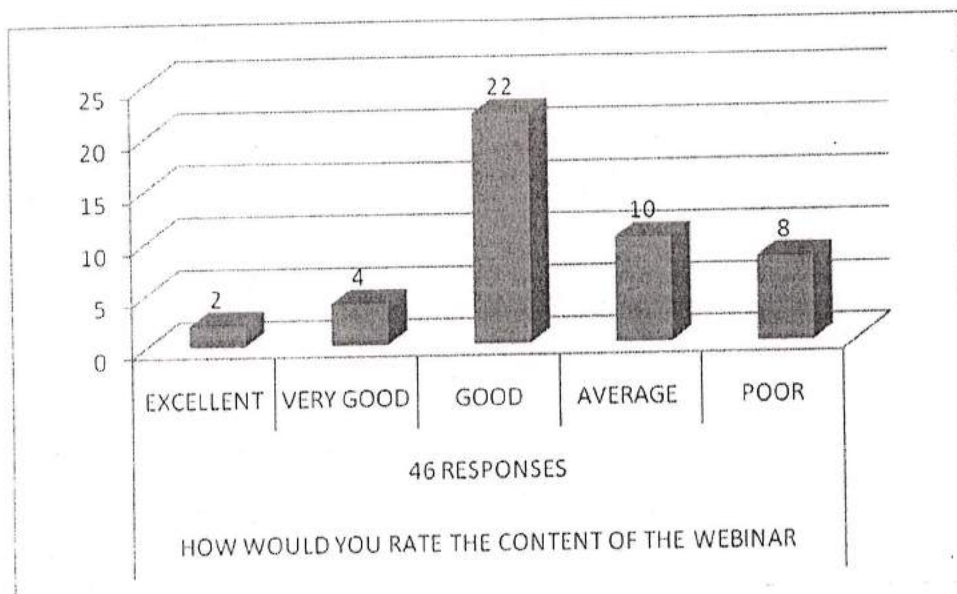
Dr. M. Jayaprakashvel
Registrar

This certificate is electronically generated and signature is not required

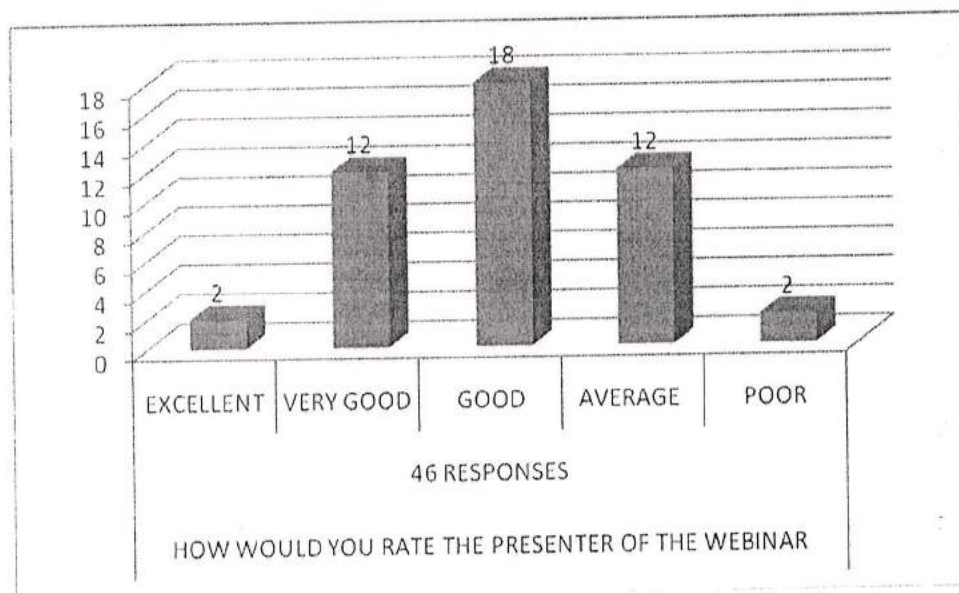
DEPARTMENT OF CHEMISTRY
FEEDBACK ANALYSIS REPORT
SKILL DEVELOPMENT SEMINAR ON

"Higher Education/Research Aspiration - Applying Chemistry Principles"

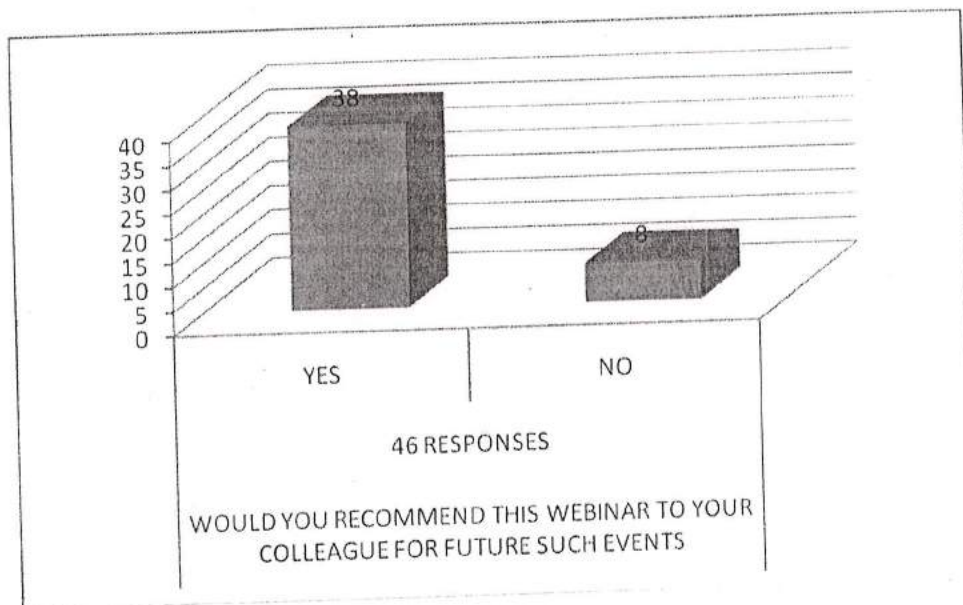
1) How would you rate the content of the webinar?



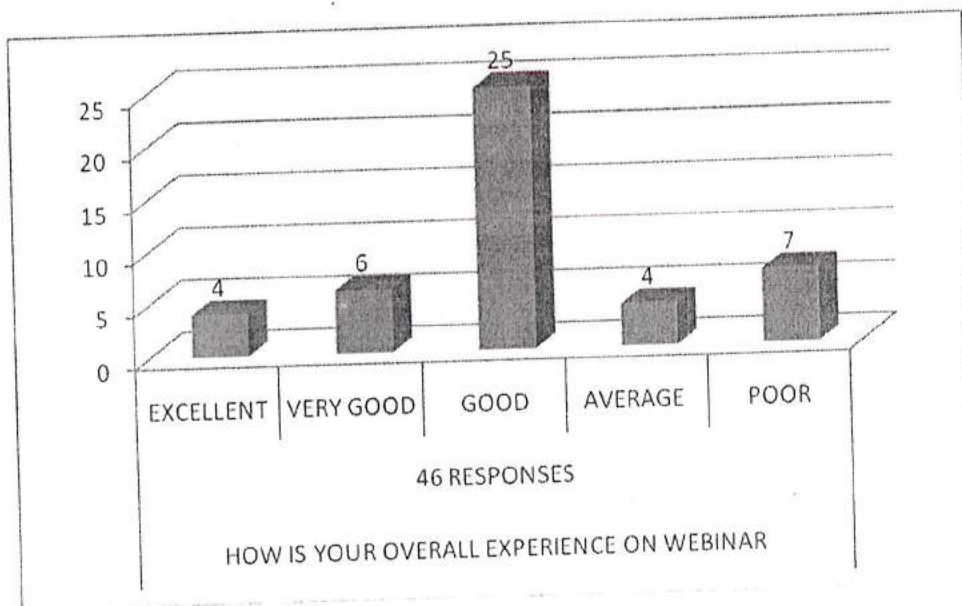
2) How would you rate the presenter of the webinar?



3. Would you recommend this webinar to your colleague for future such events?



4. How is your overall experience on webinar?



S.NO	Name	University/College/School	Faculty/ Student / Industrial Expert	Email
1	Sekar	AMET	Student	as.kalekar@ictmumbai.edu.in
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4	Karthik	Chettinad School, Karur	Student	starkarthi6@gmail.com
5	Vignesh	Chettinad School, Karur	Student	vigneshattur1@gmail.com
6	Anand	Chettinad School, Karur	Student	anandhirs@gmail.com
7	Raju	AMET	Student	ktaraju79@gmail.com
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