

**ONE DAY WORKSHOP ON RECENT TRENDS  
IN ROBOTICS AND AUTOMATION-2022  
(RTRA-2022)  
24<sup>TH</sup>, May 2022  
REGISTRATION FORM**

**Name:** .....

**Gender:**.....

**Designation:**.....

**Category:**.....

(Student / Research Scholar / Faculty / Industry)

**Address:**.....

.....

.....

**Mobile:**.....

**Email:**.....

**DD/Cheque No/NEFT:**.....

**Date:**.....

**Bank:**.....

(Crossed Demand Draft in favour of  
"....., Anna University, Chennai -  
600 044." (Payable at Chennai).

Bank Details:	IFSC Code:
Account No.	Branch:

**Declaration:**

The information provided by me is true to the best of my knowledge.

Date:

Place: Signature of the Applicant

**SPONSORSHIP:**

Mr./Ms./Dr.....

is an student / research scholar / employee of our Institute / Organization and is hereby permitted for the above Workshop programme, if selected.

Date: Signature & Seal

Place: Head of the Department

**WORKSHOP COMMITTEE**

Chief Patron : Dr. R. VELRAJ  
Vice Chancellor  
Anna University

Patron : Dr. G. RAVIKUMAR  
Registrar i/c  
Anna University

Co-Patron : Dr. J. PRAKASH  
Dean, MIT Campus  
Anna University

Convener : Dr. A.SIDDHARTHAN  
Professor and Head  
Dept. of Production Technology  
MIT Campus, Anna University

Coordinator : Dr. P. GANESH  
Assistant Professor (Sl. Gr)  
Department of Production Technology  
Anna University

**DEPARTMENT COMMITTEE MEMBERS**

Dr. A. Siddharthan	Mr. A. Visagan
Dr. J. Jancirani	Mr. P. Rethinam
Dr. G.B. Bhaskar	Dr. L. Anna Gowsalya
Dr. C. Nandakumar	Mr. P. Mani
Dr. P. Ganesh	Mr. K. Tamilarasan
Dr. N. Srirangarajalu	Mr. N. Arunagiri
Dr. P. Karthikeyan	Mr. M.Prabhu
Dr. V. Mugendiran	Mrs. A. Suganthi
Dr. G. Kumaresan	Mrs. U. Vishnuja
Mr. R. Mathiyazhagan	Mr. K. Muthukumaran
Dr. M. Manoj	Mr. S. Mohamed Shazuli



**ONE DAY WORKSHOP ON  
“Recent Trends in Robotics and  
Automation-2022”  
(RTRA-2022)**

*to Commemorate the Excellent Contributions  
and Service rendered by*

***Dr. R. Sivaramakrishnan (Late)  
Former Professor and Head, Department of  
Production Technology***

***on his Birth Anniversary  
24-5-2022***



***Organised by***

**DEPARTMENT OF PRODUCTION  
TECHNOLOGY, MIT CAMPUS  
ANNA UNIVERSITY, CHENNAI - 600 044**



## ABOUT THE DEPARTMENT

The Department of Production Technology was started in the year 1977. Presently department conducts 2 UG programmes: B.E. (Production Engg.) and B.E. (Mechanical Engg.) as well as 2 PG programmes: M.E. (Manufacturing Engg.) and M.E. (Mechatronics), besides PhD programme. The department is unique with its initiative of M.E. (Mechatronics) and M.E. (Manufacturing Engg. with specialisation in Green Manufacturing) which were the first of its kind in India. The Department of Production Technology has been sponsored by AICTE 2010 (Ultrasonic Cavitation Casting), DST-FIST 2012 (Abrasive Water Jet Machine and Electrochemical Machine), UGC-DRS-SAP 2012 (Robotics), NRBDRDO ,DST- SERB (2017) and Tamil Nadu Innovation Initiatives (TANII) 2020. The department was a part of UGC-University with Potential for Excellence (UPE) 2017 in Biomedical Engg. and Instrumentation in the "Limited Manufacturing Mechanical" group and has established state-of-art facilities in Manufacturing (CNC machining centre, CNC sheet bending, CNC compression moulding, CNC injection moulding, Robot Welding, Ultrasonic Welding, Electrical discharge Machine etc) and Testing (Coordinate Measuring Machine and Non-contact surface roughness tester) for fabrication of Anti-biogram diagnostic device. Recently, the department is sanctioned by TANII 2020 for the development of semi and fully automated intelligent exo-skeletal and prosthetics for disabled communities. The department is progressing toward societal benefit projects involving indigenous manufacturing, mechatronics and automation as well as interdepartmental research. As on date, the number of enrolled PhD scholars is 41 and PhD awardees are 31 during 2015-2020. The on-going research areas are

- Composite Materials
- Super plastic forming
- Unconventional machining
- Robotics & Automation
- Electromagnetic Forming
- Image Processing
- Lean Manufacturing
- Smart Materials
- Machine Tool Condition Monitoring
- FEA/FEM
- Intelligent Prosthetics & Exoskeleton

## BENEFICIARIES OF THIS WORKSHOP

Faculty of engineering colleges, Research scholars, UG/PG students and professionals from related industries will benefit by attending this workshop. Participants will be provided with course material kits, working lunch and refreshments. Participants have to make their own arrangements for accommodation.

**"The candidates will be selected on first come first serve basis. The total number of participants is limited to 50"**

### REGISTRATION

Interested candidates may send their registration form in the attached format along with registration fee by NEFT/DD/Cheque in favour of **"Director, CTD, Anna University, Chennai-25."** (Payable at Chennai).

Bank Details:	IFSC Code:
Account No.	Branch:

Additionally, the candidates may send soft copy of registration form & payment details through e-mail.

### REGISTRATION FEE DETAILS

Faculty / Scientist / Industries / Research Scholar / Students: **Rs.750/-**

### IMPORTANT DATE

Last date for registration: **21<sup>st</sup> May 2022**

### CONTACT DETAILS

**Dr.P.Ganesh**  
**Coordinator**

Department of Production Technology, MIT  
Campus, Anna University, Chennai – 600 044,  
Email: robotechmit@gmail.com  
Tel: 044 – 22516126  
Mobile No: 9444430644

## PROGRAMME SCHEDULE

Time	Session
8:30-9:00 am	Registration
9:00-9:30 am	Inauguration
9:30-10:30 am	Session 1
	"Autonomous Mobile Manipulators" - Dr.Santha kumar Mohan, IIT Palakkad (Online)
10:30-11:00 am	Tea Break
11:00-12:00 pm	Session 2
	"Design and control of Brain Computer Interface based hand exoskeletons for stroke rehabilitation" – Dr. Ashish Dutta, IIT Kanpur (Online)
12:00-1:00 pm	Session 3
	"Robotics in Manufacturing Industry: Current Scenario" - Mr.Shivkumar Srinivasan, MEL Systems and Services Ltd
1:00-2:00 pm	Lunch Break
2:00-3:00 pm	Session 4
	"Medical Robotics- Opportunities and Challenges"- Dr. Vinod B PSG College of Technology, Coimbatore (Online)
3:00-3:30 pm	Tea Break
3:30-4:30 pm	Session 5
	"Computational Intelligence in Robots"- Dr.D.K.Pratihar IIT Kharagpur
4:30-5:00 pm	Valedictory



**DEPARTMENT OF PRODUCTION TECHNOLOGY  
MIT CAMPUS, ANNA UNIVERSITY  
CHENNAI - 600 044**

*Cordially invites you to the Inaugural function of the  
One day Workshop on*

**RECENT TRENDS IN ROBOTICS AND AUTOMATION  
(RTRA – 2022)**

*to Commemorate the Excellent Contributions and  
Service rendered by*



**Dr. R. Sivaramakrishnan (Late)**  
Former Professor and Head  
Department of Production Technology  
MIT campus

***on his Birth Anniversary 24-5-2022***

**Date**  
24<sup>th</sup> May 2022, 8.30 a.m.

**Venue**  
Dr.SRK Seminar Hall,  
Production Technology, MIT Campus

## PROGRAMME SCHEDULE

Invocation

Welcome Address &  
About the Workshop

(08:30 am - 08:35 am)

:

Dr. P. Ganesh

Coordinator, RTRA - 2022  
Assistant Professor (Sl. Gr)  
Production Tech., MIT

Presidential Address

(08:35 am - 08:45 am)

:

Dr.J.Prakash

Dean  
MIT Campus  
Anna University

Inaugural Address by  
the Chief Guest

(08:45 am - 09:30 am)

:

Mr. S.Joseph Winston

Head, RHIED,  
IGCAR, Kalpakkam

Technical Sessions

(09:30 am - 04:30 pm)

Valedictory

(04:30 pm onwards)

:

Dr.S.Muttan

Former Professor and Head  
ECE, CEG, Anna University

**Vote of Thanks**

:

**Dr.A.Sidharthan** Professor &  
Head Production TechnologyMIT  
Campus



