

ABOUT THE INSTITUTE

E. G. S. Pillay Engineering College is one of the pioneering non-grant engineering Colleges in the State. It was established by the G. S. Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamil Nādu, approval of the All-India Council for Technical Education, New Delhi and affiliation to Bharathidasan University, Tiruchirappalli. Its courses are affiliated to Anna University, Chennai, from 2002 and the degrees are awarded by Anna University, as per the Government Orders. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers.

ABOUT THE DEPARTMENT

The department of Mechanical Engineering was established in 1995. The department offers a under graduate B.E (Mechanical Engg) and a Post Graduate M.E (Manufacturing Engg) programmes. The department has highly qualified and experienced faculty. The department has well infrastructural facilities and has fully equipped laboratories with adequate hardware and software. The teaching faculties are active in conducting research and publishing the papers in reputed Journals and Conferences. The department has conducted four International Conferences and two Faculty Development Programs.

OBJECTIVE OF THE VALUE-ADDED COURSE:

The objective of the Value-added course is to enhance the student's knowledge in development of practical knowledge on Non-Destructive Technology Techniques in various levels and the skills necessary for the development of a mechanical engineer pursuing further studies and a career in manufacturing area for various applications. Nondestructive testing (NDT) is any of a wide group of analysis techniques used in science and technology industry to evaluate the properties of a material, component or system without causing damage. NDT does not permanently alter the article being inspected, it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research. The four most frequently used NDT methods are magnetic particle, liquid penetrant, radiographic, ultrasonic technologies

REGISTRATION

Participants should be First and Second year PG Manufacturing Engineering student members of the AICTE approved institutions are encouraged for registration. Application should be made on the following registration form.

IMPORTANT DATES:

Last date of Registration: Dec15, 2019

TIME DURATION: 9.00AM-5.00PM

CONTACT DETAILS (Course Convener)

Mr.A.Arunkumar

Phone No.:+91967778



Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



VALUE-ADDED COURSE
(VAC)

ON

**Level-II NDT Techniques in
Ultrasonic Technology**

20.01.2020 to 23.01.2020

Organized by

Department of Mechanical Engineering
E.G.S. Pillay Engineering College,
Nagapattinam-611 002

Chief Patron
Prof. Dr. S. Ramabalan
Principal
E.G.S. Pillay Engineering College,
Nagapattinam

Patron
Dr. G. Gurumoothi
HOD / Mechanical
E.G.S. Pillay Engineering College,
Nagapattinam

Convener
Mr. A. Arunkumar
Assistant Professor,
Mechanical Engineering
E.G.S. Pillay Engineering College,
Nagapattinam

Email: arunkumar@egspec.org
+91-9677785573

E. G. S. PILLAY ENGINEERING COLLEGE, NAGAPATTINAM.

DEPARTMENT MECHANICAL ENGINEERING

Date: 08.12.2019

CIRCULAR

It is here by informed that Department of Mechanical Engineering is going to organize a Value-Added Course on "Level-II NDT Techniques in Ultrasonic Technology" from 20.01.2020 to 23.01.2020(9.00 am to 5.00 pm) by, **Mr. A. Arunkumar, Assistant Professor, Department of Mechanical Engineering, EGSPEC** for PG Manufacturing Engineering Students. All the PG Manufacturing Engineering students are instructed to attend the course without fail.




CONVENER

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

HOD/ Mech


HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
E. G. S. Pillay Engineering College
Nagapattinam

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE SCHEDULE

We are going to conduct the **Certificate and Training program on American Society for Non-Destructive Testing(ASNT) Level-II NDT in Ultrasonic Technology** for PG Manufacturing Engineering Students.

| SL. NO | DATE | SESSION | COURSE DESCRIPTION | BENEFICIARIES |
|--------|------------|---------|--|---------------------------------------|
| 1 | 20.01.2020 | FN | Introduction about the courses for Level-II Non-Destructive Testing. | PG Manufacturing Engineering Students |
| | | AN | Introduction about the Ultrasonic technology. | |
| 2 | 21.01.2020 | FN | Identify the defects in welding joints for piping and structures. | |
| | | AN | How to recover the welding joint repairs through ultrasonic testing. | |
| 3 | 22.01.2020 | FN | How to recover the welding joint repairs through ultrasonic testing. | |
| | | AN | Applications of ultrasonic testing in offshore and onshore regions. | |
| 4 | 23.01.2020 | FN | Practical demo for ultrasonic testing for every student. | |
| | | AN | Detailed discussion about career opportunities in the field of NDT techniques in industries. | |



Course Coordinator

ATTESTED



**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.**

HOD / Mech

**HEAD OF THE DEPARTMENT
Department of Mechanical Engineering
E.G.S. Pillay Engineering College
Nagapattinam.**

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE (2019-20)
Level-II NDT Techniques in Ultrasonic Technology
NAME LIST

| S.NO | REG NO | STUDENT NAME |
|------|-----------|-------------------------|
| 1 | E19MFF001 | ABDUL LATHIF M |
| 2 | E19MFF002 | ARUN BALAJI M S |
| 3 | E19MFF003 | ASWIN HARIHARAN D |
| 4 | E19MFF004 | DEBRAJ M |
| 5 | E19MFF005 | DHINESH J |
| 6 | E19MFF006 | KARTHIK B A |
| 7 | E19MFF007 | MANIKANDAN S |
| 8 | E19MFF008 | MOHAMED ABDULLAH ANAS A |
| 9 | E19MFF009 | MUTHUKUMAR D |
| 10 | E19MFF010 | RAMANATHIGAN R |
| 11 | E19MFF011 | RAVICHANDRAN P |
| 12 | E19MFF012 | SHANMUGAM A |
| 13 | E19MFF013 | THIYAGARAJAN R |
| 14 | E19MFF014 | VENKATESH S |
| 15 | E18MFF001 | ARAVINTH P P |
| 16 | E18MFF002 | HARIRAAM K M |
| 17 | E18MFF003 | MANIKANDAN R |
| 18 | E18MFF004 | MANIKANDAN S |
| 19 | E18MFF005 | PRAKASH S |
| 20 | E18MFF006 | SATHESHKUMAR M |
| 21 | E18MFF007 | THILIPHAN A K S |
| 22 | E18MFF009 | VIGNESHWARAN D |
| 23 | E18MFF010 | VIMALRAJ A |
| 24 | E18MFF011 | VINOTH B |


COURSE COORDINATOR


HOD / MECH

HEAD OF THE DEPARTMENT
 Department of Mechanical Engineering
 E.G.S. Pillay Engineering College
 Nagapattinam

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E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE (2019-20)

Level-II NDT Techniques in Ultrasonic Technology

ATTENDANCE DETAILS

| SL. NO | REG NO | STUDENT NAME | 20.01.2020 | | 21.01.2020 | | 22.01.2020 | | 23.01.2020 | |
|--------|-----------|-------------------------|------------|----|------------|----|------------|----|------------|----|
| | | | FN | AN | FN | AN | FN | AN | FN | AN |
| 1 | E19MFF001 | ABDUL LATHIF M | / | / | / | / | / | / | / | / |
| 2 | E19MFF002 | ARUN BALAJI M S | / | / | / | / | / | / | / | / |
| 3 | E19MFF003 | ASWIN HARIHARAN D | / | / | / | / | / | / | / | / |
| 4 | E19MFF004 | DEBRAJ M | / | / | / | / | / | / | / | / |
| 5 | E19MFF005 | DHINESH J | / | / | / | / | / | / | / | / |
| 6 | E19MFF006 | KARTHIK B A | A | A | A | A | A | A | A | A |
| 7 | E19MFF007 | MANIKANDAN S | / | / | / | / | / | / | / | / |
| 8 | E19MFF008 | MOHAMED ABDULLAH ANAS A | / | / | / | / | / | / | / | / |
| 9 | E19MFF009 | MUTHUKUMAR D | / | / | / | / | / | / | / | / |
| 10 | E19MFF010 | RAMANATHGAN R | / | / | / | / | / | / | / | / |
| 11 | E19MFF011 | RAVICHANDRAN P | A | A | A | A | A | A | A | A |
| 12 | E19MFF012 | SHANMUGAM A | / | / | / | / | / | / | / | / |
| 13 | E19MFF013 | THIYAGARAJAN R | / | / | / | / | / | / | / | / |
| 14 | E19MFF014 | VENKATESH S | / | / | / | / | / | / | / | / |
| 15 | E18MFF001 | ARAVINTH P P | / | / | / | / | / | / | / | / |
| 16 | E18MFF002 | HARIRAAM K M | / | / | / | / | / | / | / | / |
| 17 | E18MFF003 | MANIKANDAN R | / | / | / | / | / | / | / | / |
| 18 | E18MFF004 | MANIKANDAN S | / | / | / | / | / | / | / | / |
| 19 | E18MFF005 | PRAKASH S | / | / | / | / | / | / | / | / |
| 20 | E18MFF006 | SATHESHKUMAR M | / | / | / | / | / | / | / | / |
| 21 | E18MFF007 | THILIPHAN A K S | / | / | / | / | / | / | / | / |
| 22 | E18MFF009 | VIGNESHWARAN D | / | / | / | / | / | / | / | / |
| 23 | E18MFF010 | VIMALRAJ A | A | A | A | A | A | A | A | A |
| 24 | E18MFF011 | VINOTH B | / | / | / | / | / | / | / | / |



COURSE COORDINATOR

ATTESTED



**Dr. S. RAMABALAN, M.E., Ph.D.,
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HOD/MECH

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Nagapattinam.**



E.G.S. PILLAY



Affiliated to Anna University | Approved by AICTE | Accredited by - NBA & NAAC 'A' Grade | Recognised by UGC 2(F) & 12(B) | An ISO 9001:2015 Certified Institution
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Counselling Code: 3806 | Phone: +91-4365-251112714 | Email: principal@egscoe.org/annqurres@egscoe.org

CERTIFICATE

This Certificate is presented to

ASWIN HARIHARAN D

for participating in the Value-Added Course on

“Level-II NDT Techniques in Ultrasonic Technology “

held on 20th to 23rd January, 2020 conducted by

Department of Mechanical Engineering, E.G.S. Pillay Engineering College.

A. Arunkumar

Assistant Professor /Mechanical Engineering

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL.

E.G.S. Pillay Engineering College,
Thehti, Nagore - 611 002.
Nagapattinam (D9) Tamil Nadu.

Dr. S. Ramabalan
Principal



E.G.S. PILLAY

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110 Nagore Road, Nagapattinam - 611 002, Tamil Nadu



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Counselling Code : 3808 Phone : +91-4385-25112/14 | principal@egspsoc.org / nqu.edu.in Website : www.egspsoc.org

CERTIFICATE

This Certificate is presented to

VIGNESHWARAN D

for participating in the Value-Added Course on

“Level-II NDT Techniques in Ultrasonic Technology “

held on 20th to 23rd January, 2020 conducted by

Department of Mechanical Engineering, E.G.S. Pillay Engineering College.

A. Arunkumar

Assistant Professor /Mechanical Engineering

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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Dr. S. Ramabalan

Principal