

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, liquidpenetrant, radiographic, ultrasonic technologies

REGISTRATION

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

IMPORTANT DATES:

Last date of Registration: Nov20, 2018

TIME DURATION: 9.00AM-5.00PM

CONTACT DETAILS (Course Convener)

Mr. A. Arunkumar
Phone No.:+91967778 5555

ATTTESTED



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

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



VALUE-ADDED COURSE (VAC)

ON Level-II NDT Techniques in Liquid Penetrant Testing and Magnetic Particle Testing

17.12.2018 to 20.12.2018

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. Gurnumoothi
HOD / Mechanical
E.G.S. Pillay Engineering College,
Nagapattinam

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

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

Date: 10.11.2018

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 Liquid Penetrant Testing and Magnetic Particle Testing” from 17.12.2018 to 20.12.2018(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.,
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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

FROM 17/12/2018 TO 20/12/2018

We are going to conduct the **Two Certificate and Training program on (1) Level-II NDT in Magnetic Particle Testing and (2) Liquid Penetrant Testing** for PG Manufacturing Engineering Students.


SL.NO	DATE	SESSION	COURSE DESCRIPTION	BENEFICIARIES
1	17.12.2018	FN	Introduction about the courses for Level-II Non-Destructive Testing.	PG Manufacturing Engineering Students
		AN	Introduction about the magnetic particle testing and liquid penetrant testing.	
2	18.12.2018	FN	Identify the defects in welding joints for piping and structures.	
		AN	How to recover the welding joint repairs through magnetic particle testing.	
3	19.12.2018	FN	How to recover the welding joint repairs through liquid penetrant testing.	
		AN	Applications of magnetic particle testing and liquid penetrant testing in offshore and onshore regions.	
4	20.12.2018	FN	Practical demo for magnetic particle testing and liquid penetrant 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,
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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 (2018-19)
Level-II NDT Techniques in LPT & MPT
NAME LIST

S.NO	REG NO	STUDENT NAME
1	E18MFF001	ARAVINTH P P
2	E18MFF002	HARIRAAM K M
3	E18MFF003	MANIKANDAN R
4	E18MFF004	MANIKANDAN S
5	E18MFF005	PRAKASH S
6	E18MFF006	SATHESHKUMAR M
7	E18MFF007	THILIPHAN A K S
8	E18MFF009	VIGNESHWARAN D
9	E18MFF010	VIMALRAJ A
10	E18MFF011	VINOTH B
11	E17MFF001	ABINASH BABU B
12	E17MFF002	AGORAMOORTHY G
13	E17MFF004	DHAMOTHARA KANNAN T
14	E17MFF005	ELANGO VAN KARTHI P
15	E17MFF006	JANAKIRAMAN R
16	E17MFF007	KARUNANITHY G
17	E17MFF008	KARUNANITHY K
18	E17MFF009	MANIKANDAN E
19	E17MFF010	MATHIVATHANAN R
20	E17MFF012	RAMESH S
21	E17MFF013	SARAVANAN P
22	E17MFF014	SATHISH S
23	E17MFF015	VIGNESH K



COURSE COORDINATOR



HOD / MECH

ATTESTED



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PRINCIPAL

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Nagapattinam (Dt) Tamil Nadu.

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 (2018-19)****Level-II NDT Techniques in Liquid Penetrant Testing and Magnetic Particle Testing****ATTENDANCE DETAILS**

S.NO	REG NO	STUDENT NAME	17.12.2018		18.12.2018		19.12.2018		20.12.2018	
			FN	AN	FN	AN	FN	AN	FN	AN
1	E18MFF001	ARAVINTH P P	/	/	/	/	/	/	/	/
2	E18MFF002	HARIRAAM K M	A	A	A	A	A	A	A	A
3	E18MFF003	MANIKANDAN R	/	/	/	/	/	/	/	/
4	E18MFF004	MANIKANDAN S	/	/	/	/	/	/	/	/
5	E18MFF005	PRAKASH S	/	/	/	/	/	/	/	/
6	E18MFF006	SATHESHKUMAR M	/	/	/	/	/	/	/	/
7	E18MFF007	THILIPHAN A K S	A	A	A	A	A	A	A	A
8	E18MFF009	VIGNESHWARAN D	/	/	/	/	/	/	/	/
9	E18MFF010	VIMALRAJ A	/	/	/	/	/	/	/	/
10	E18MFF011	VINOTH B	/	/	/	/	/	/	/	/
11	E17MFF001	ABINASH BABU B	/	/	/	/	/	/	/	/
12	E17MFF002	AGORAMOORTHY G	/	/	/	/	/	/	/	/
13	E17MFF004	DHAMOTHARA KANNAN T	/	/	/	/	/	/	/	/
14	E17MFF005	ELANGO VAN KARTHI P	/	/	/	/	/	/	/	/
15	E17MFF006	JANAKIRAMAN R	/	/	/	/	/	/	/	/
16	E17MFF007	KARUNANITHY G	A	A	A	A	A	A	A	A
17	E17MFF008	KARUNANITHY K	/	/	/	/	/	/	/	/
18	E17MFF009	MANIKANDAN E	A	A	A	A	A	A	A	A
19	E17MFF010	MATHIVATHANAN R	/	/	/	/	/	/	/	/
20	E17MFF012	RAMESH S	/	/	/	/	/	/	/	/
21	E17MFF013	SARAVANAN P	/	/	/	/	/	/	/	/
22	E17MFF014	SATHISH S	/	/	/	/	/	/	/	/
23	E17MFF015	VIGNESH K	/	/	/	/	/	/	/	/

**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.**

CERTIFICATE

This Certificate is presented to

ARAVINTH P.P

for participating in the Value-Added Course on

“Level-II NDT Techniques in Liquid Penetrant Testing and Magnetic Particle Testing “
held on 17th to 20th December, 2018 conducted by

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



A. Arunkumar

Assistant Professor /Mechanical Engineering

ATTESTED

Dr. S. Ramabalan

Principal

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

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



EGS PILLAY
Engineering College

Autonomous
112, Nagore Road, Nagapattinam - 611 002, Tamil Nadu

Affiliated to Anna University | Approved by AICTE | Accredited by NBA & NAAC (A Grade) | Reaccredited by UGC (10 & 12(B)) | An ISO 9001:2015 Certified Institution
Phone: 04365 2511271 | Email: principal@egs.ac.in | Website: www.egs.ac.in

CERTIFICATE

This Certificate is presented to

MATHIVATHANAN R

for participating in the Value-Added Course on

“Level-II NDT Techniques in Liquid Penetrant Testing and Magnetic Particle Testing “

held on 17th to 20th December, 2018 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