

PSN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

Approved by AICTE and Recognized by UGC under section 2 (f), 12 (B)

An ISO 9001:2015 Certified Institution

Accredited By NAAC A+

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DEPARTMENT OF AERONAUTICAL ENGINEERING



10.10.2023

VAC-02-Aero-Fundamental and Applications of Finite Element Analysis using ANSYS

Event report

Department of Aeronautical Engineering was organized a five days value added course titled VAC - 02 - Aero - Fundamentals and Applications of Finite Element Analysis using Ansys in the period 03.10.2023 to 07.10.2023. Dr. A. Packia Antony Amalan, Assistant Professor and head of Aeronautical Department was the course co-ordinator of this programme. Totally 24 students from third year (5th sem.) Aeronautical Department were participated actively. In the first day of this course the basics and theoretical concepts about Finite Element Analysis and tools used in ANSYS were explained. From the second session hands on practice on ANSYS APDL was given to all the students. Then the ANSYS coding programme was taught to students. Then ANSYS workbench was explained and hands on practice was given to students. All the students were leaned this course. The MCQ test was conducted on 07.10.2023. All the students were leaned Fundamental and Applications of Finite Element Analysis using ANSYS through this VAC course.

PO and PSO Mapping

PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2
✓	✓	✓	✓	✓				✓	✓		✓	✓	

Course Co-ordinator and HoD/ Aero

Principal

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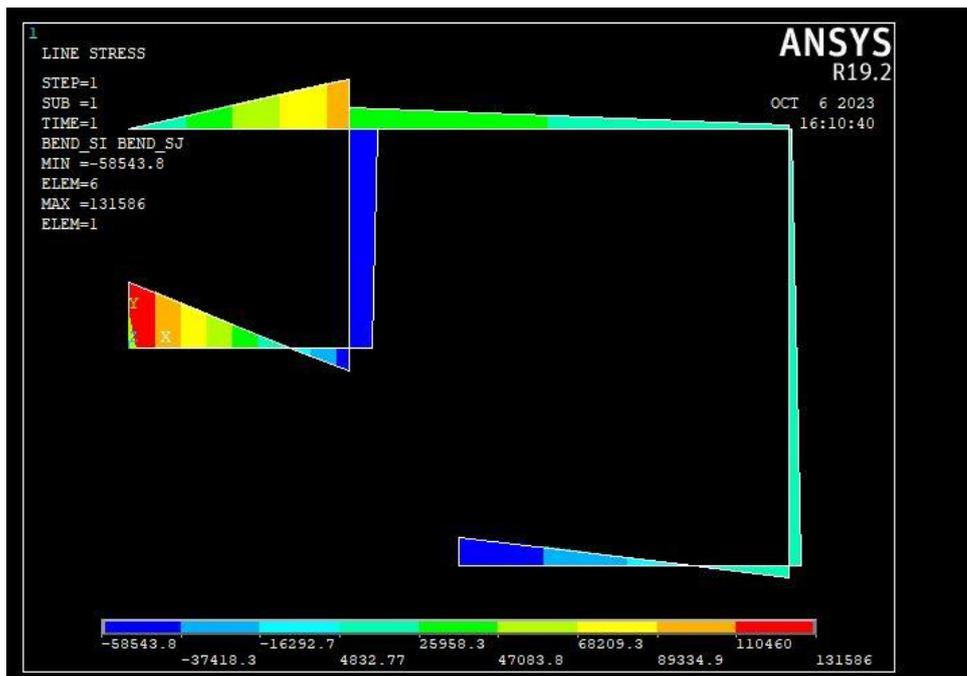
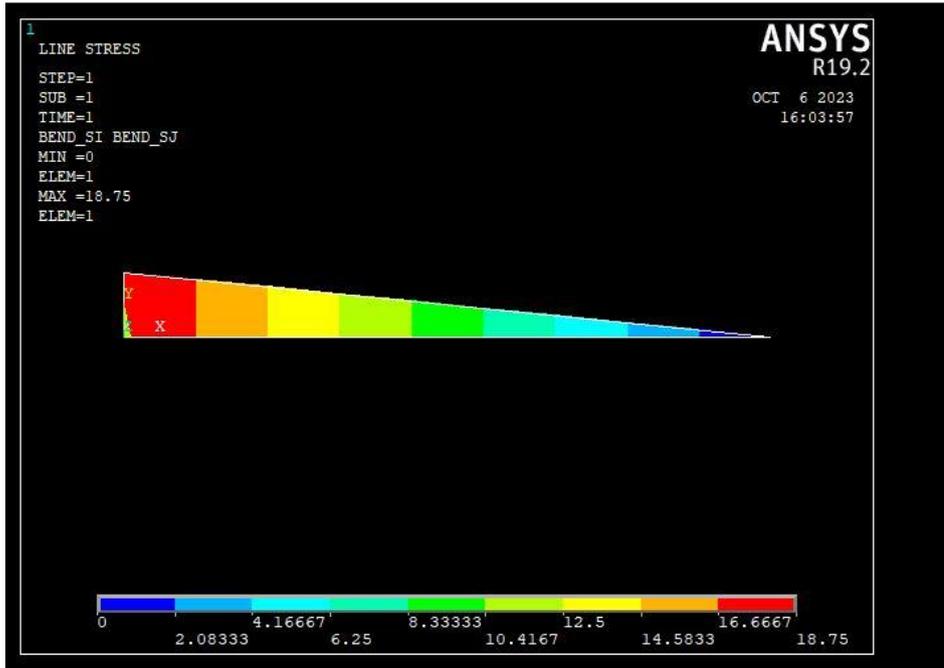
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VAC-02-Aero-Fundamental and Applications of Finite Element Analysis using ANSYS

ANSYS Experiments Results



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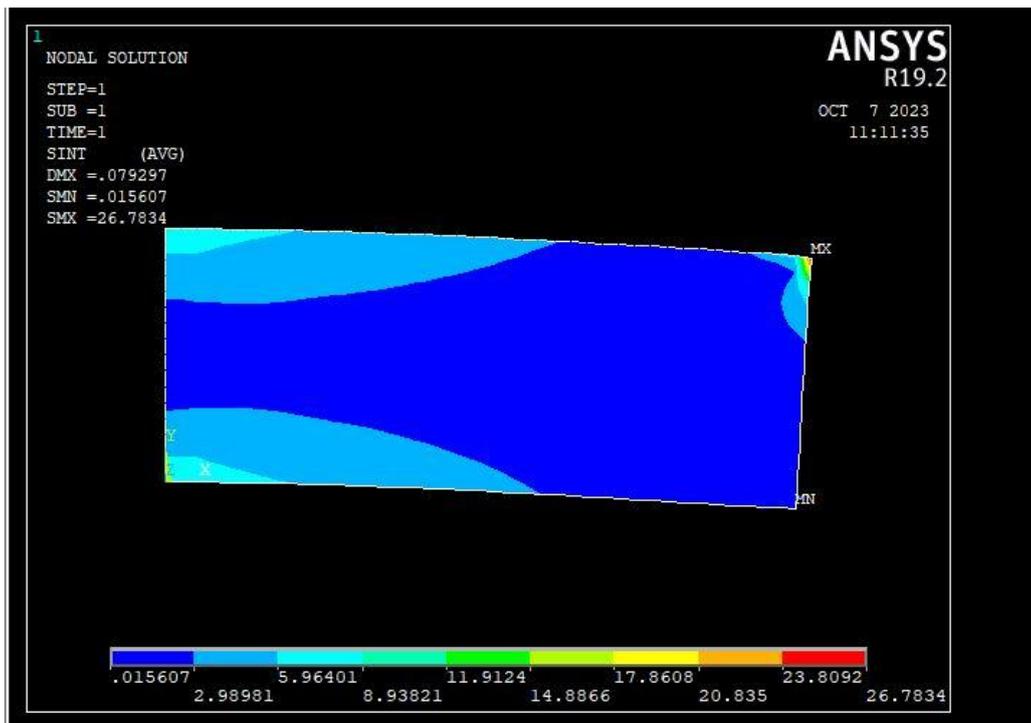
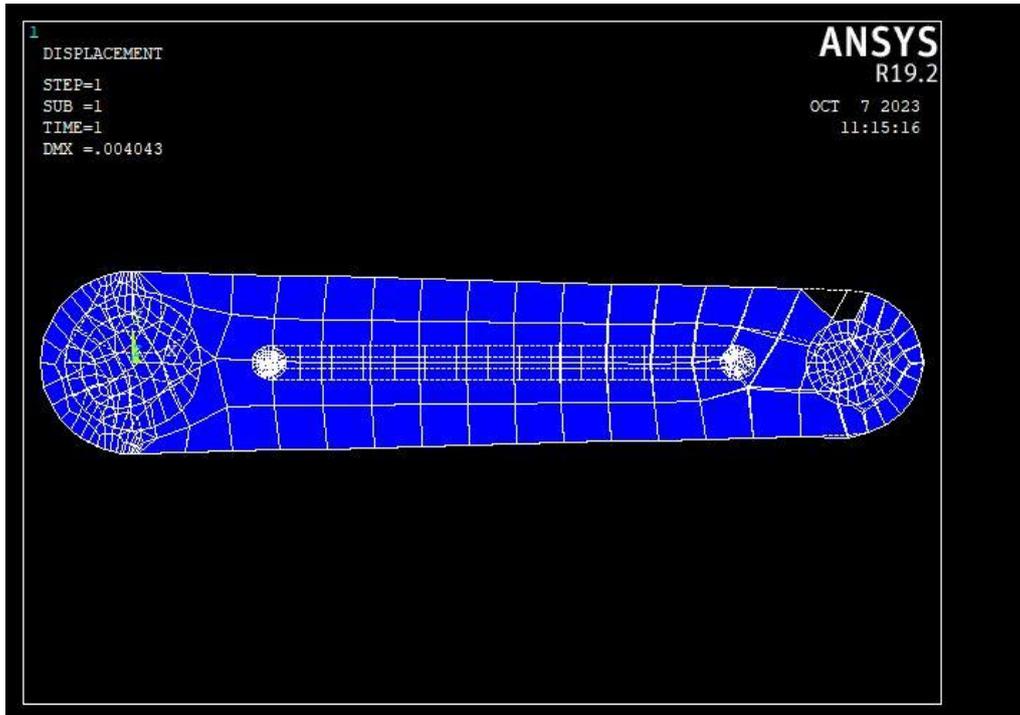
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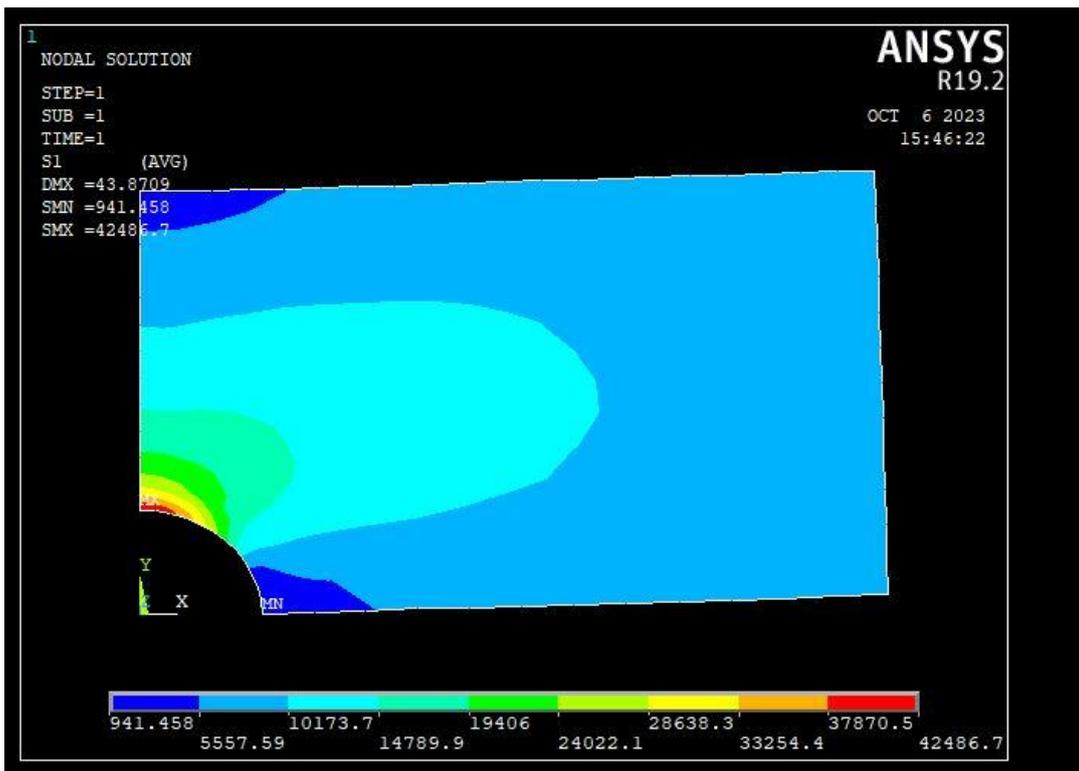
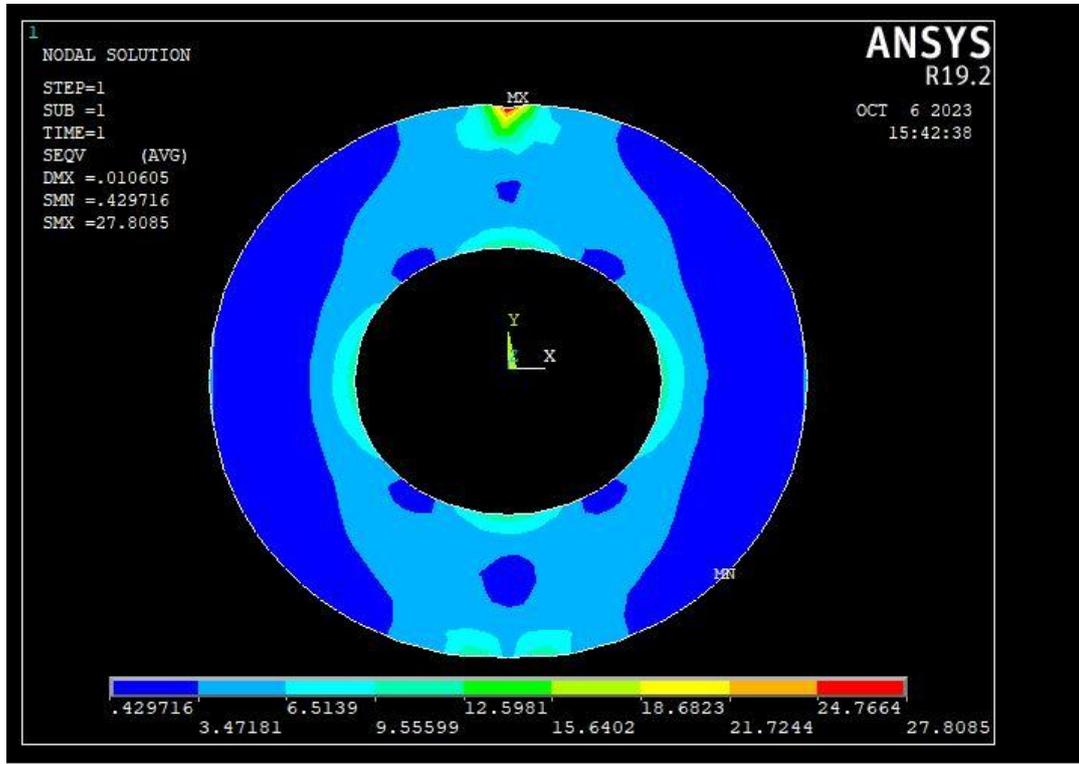
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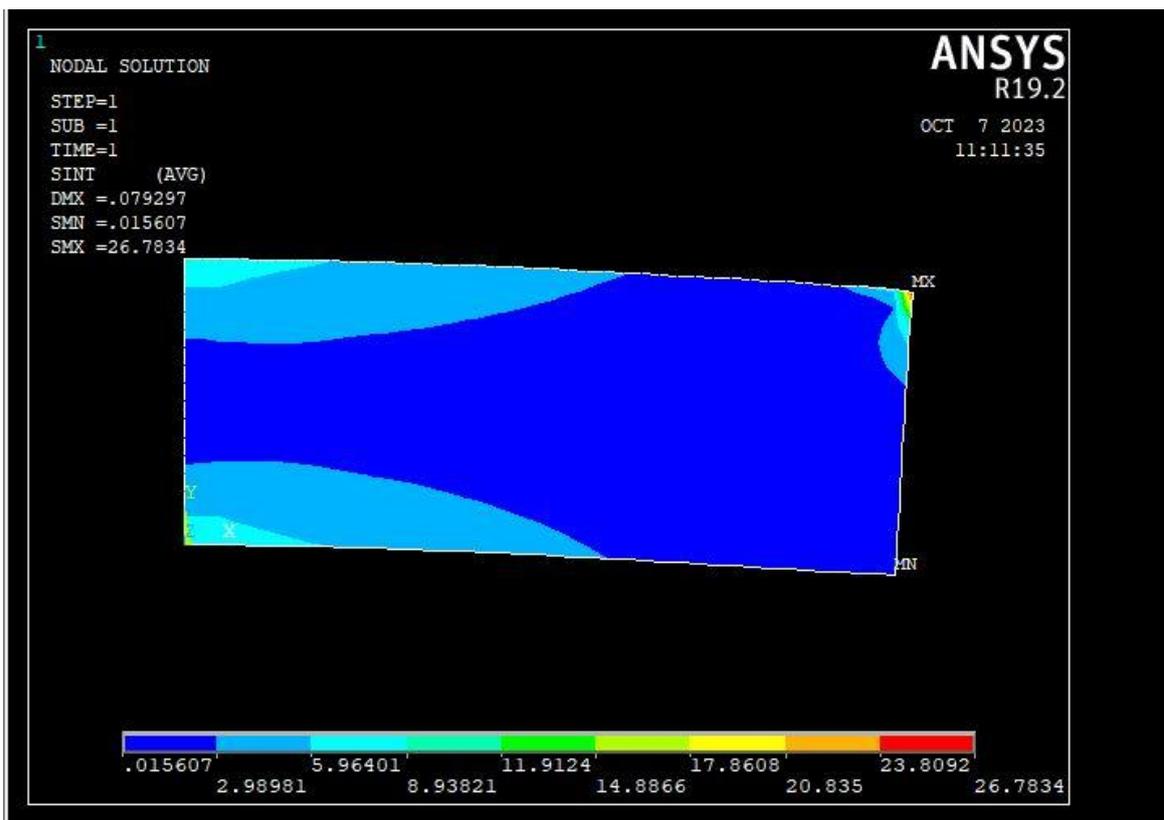
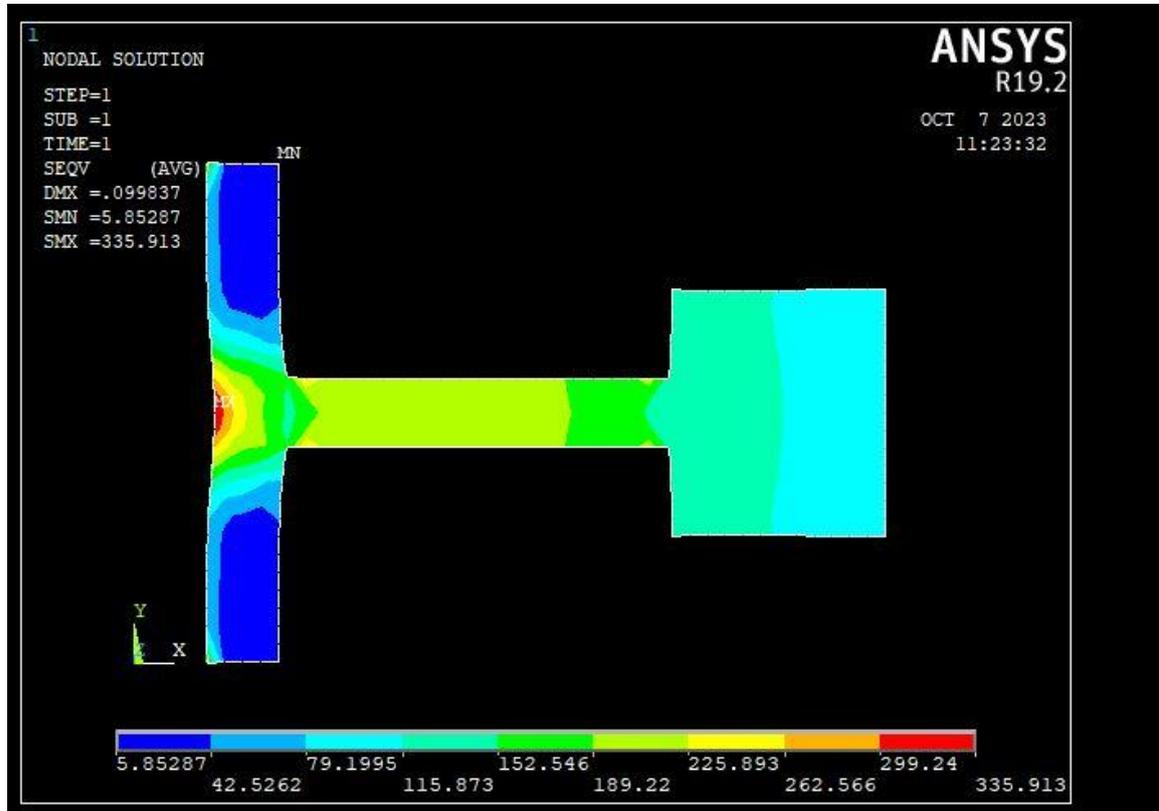
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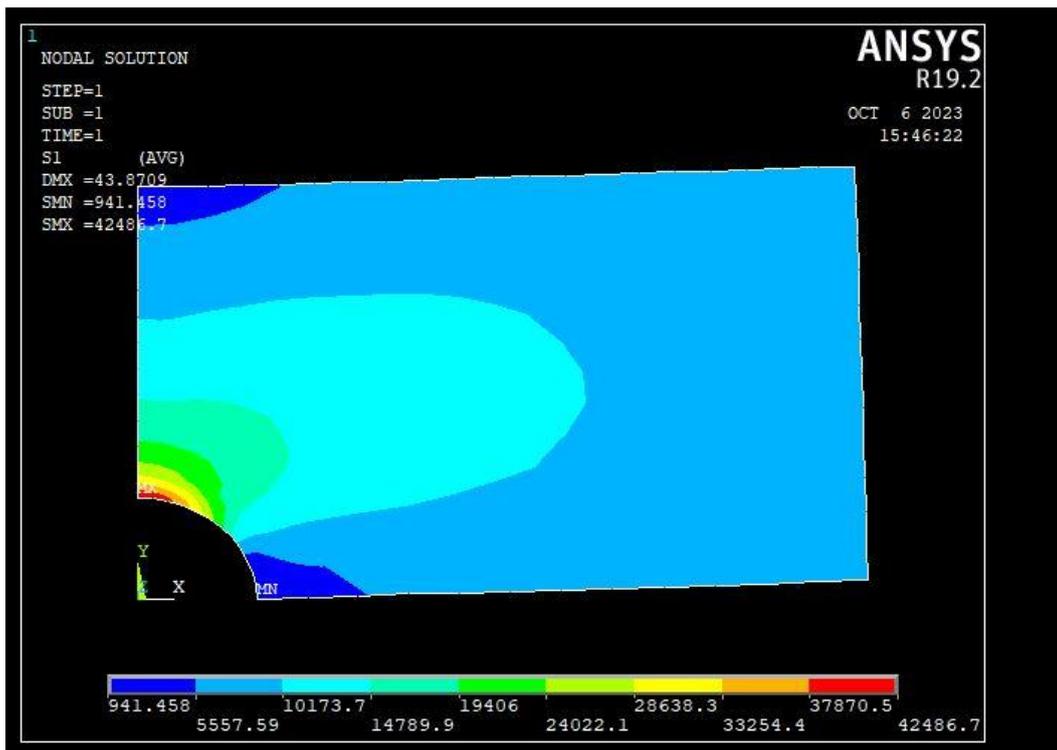
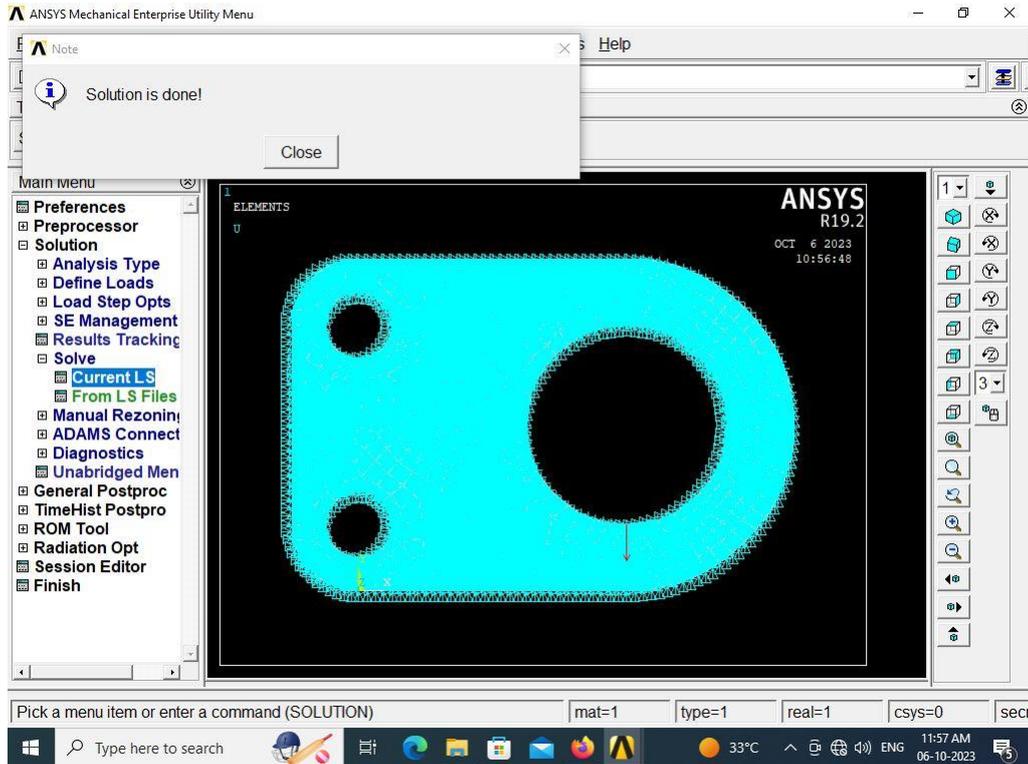
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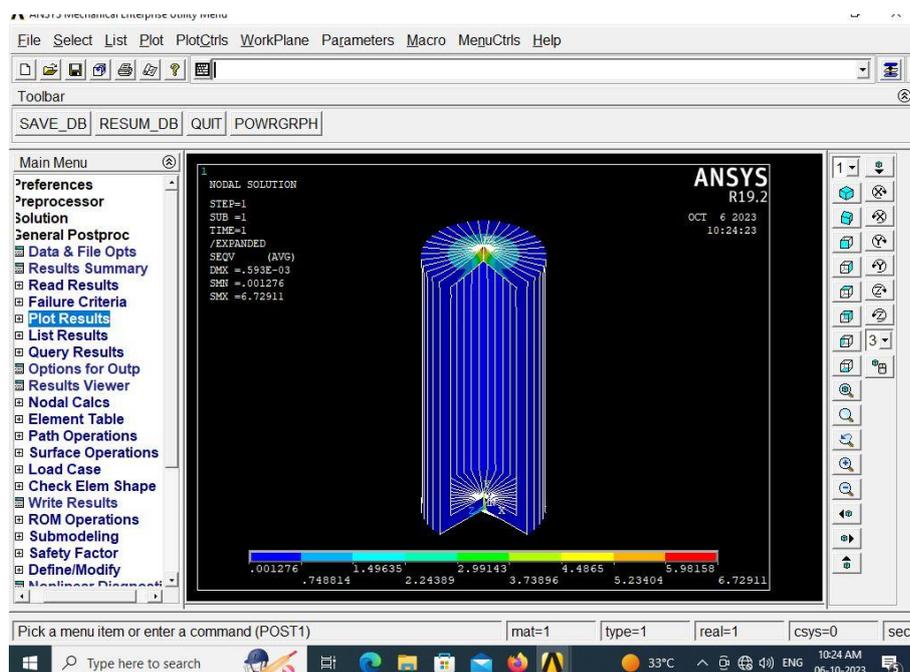
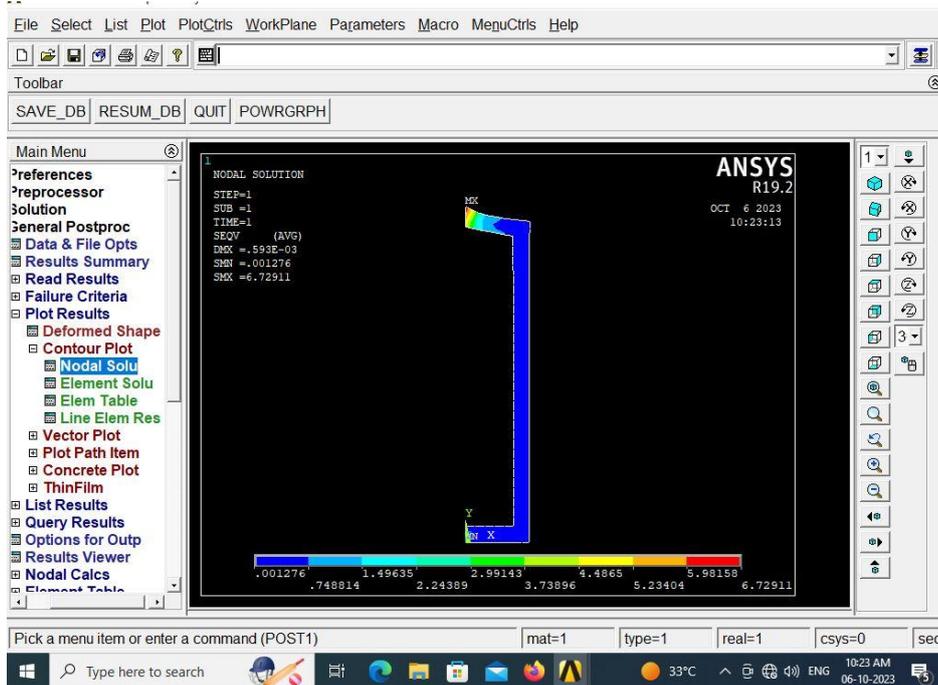
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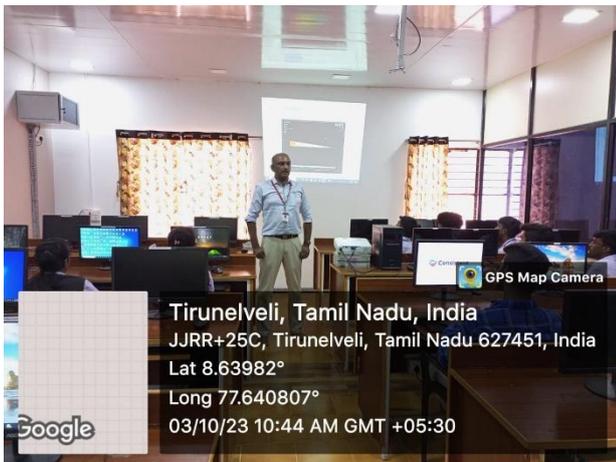
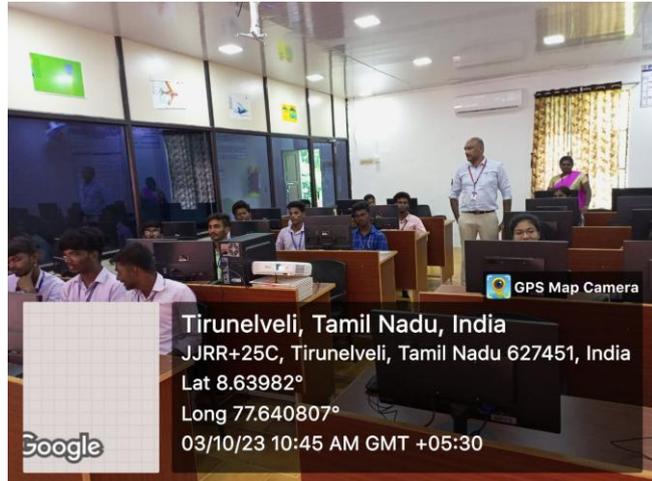
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Geo-tag Photos (03.10.2023 to 07.10.2023)

Day - 1



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AERONAUTICAL

VAC-ANSYS



Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641155°
Long 77.641493°
05/10/23 10:13 AM GMT +05:30



Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641147°
Long 77.64147°
05/10/23 10:13 AM GMT +05:30

Day - 3

AERONAUTICAL

VAC-ANSYS

Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641139°
Long 77.641411°
06/10/23 09:48 AM GMT +05:30

Day-4

Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641103°
Long 77.641451°
06/10/23 09:48 AM GMT +05:30

AERONAUTICAL

VAC-ANSYS

Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641138°
Long 77.641451°
07/10/23 10:14 AM GMT +05:30

Day-5

Tirunelveli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 627451, India
Lat 8.641097°
Long 77.641372°
07/10/23 10:13 AM GMT +05:30

ONE PAGE PROFILE

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ORCID ID : 0000-0003-4572-5745



It is immense pleasure to introduce about myself in this forum. I have completed Ph.D. degree in Mechanical Engineering from National Institute of Technology Puducherry (NIT), M.E degree in Computer Aided Design from Anna University Chennai and B.E. degree in Mechanical Engineering from University of Madras. All the degrees were completed in First class with Distinction. I have published research articles in five international peer reviewed Journals and act as a reviewer of International Journal of Metalcasting and Materials Today Proceedings. In addition I have 14 years of teaching experience in reputed technical institutions. And life time member of Indian Society of System Engineering (ISSE), ISRO-IPRC. I have organized faculty development programme (FDP), one workshop on CFD and value Added Course on ANSYS and one of the organizing committee member of two International Conferences (ICOFT 2020 and ICOFT 2021). I have acted as a Head of Department of Mechanical Engineering for 6 years. Apart from academics I have interested participated in state level sports competitions in volleyball and chess.

Thank you