

IGNITE 2023



WEEKLY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

Ms. B. Rashmi, AP-BME
Ms. S.Marlin, AP - AI&DS
Mokeshwar. P, Student - AI&DS

BE AN ACTioneer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution: Estd.2001
OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



OFFICE OF EXAMCELL



The hall tickets for AM23 examinations for II, III, and IV years have been received by our college from Anna university. Pooja took place at Vinayagar Temple in the presence of our principal Dr Srinivasan Alavandar

BE AN ACTIONeer, Aspire To BE the BEST

STUDENT ACHIEVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAMAIYA V

for successfully completing the course

Data Analytics with Python

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **7860**

Sanjeev Manhas

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2023

(12 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23CS08S23346190

To validate the certificate



No. of credits recommended: 3 or 4

Samaiya V, II Year Student, Department of Electronics and Communication Engineering, has completed the NPTEL online certification course on **Data Analytics With Python** with a consolidated score of **55%** during the period Jan-Apr 2023 under the eminent mentorship of Dr N V S Sree Rathna Lakshmi, Professor & Head, ECE.

BE AN ACTIONeer, Aspire To BE the BEST

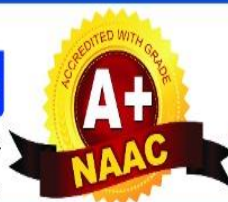


Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



STUDENT ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AJAY ASLEEN J
 for successfully completing the course

Data Analytics with Python

with a consolidated score of **66** %

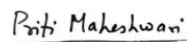
Online Assignments	25/25	Proctored Exam	40.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **7860**



Prof. Sanjeev Manhas
 Coordinator, Continuing Education Centre
 IIT Roorkee

Jan-Apr 2023
 (12 week course)



Prof. Priti Maheshwari
 NPTEL Coordinator
 IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23CS08S23341487

To validate the certificate



No. of credits recommended: 3 or 4

Ajay Asleen J, IV Year Student, Department of Electronics and Communication Engineering, has completed the NPTEL online certification course on **Data Analytics With Python** with **ELITE** with a consolidated score of **66%** during the period Jan-Apr 2023 under the eminent mentorship of Dr N V S Sree Rathna Lakshmi, Professor & Head, ECE.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
 ISO 9001:2015 Certified Institution: Estd.2001
 OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



STUDENT ACHIEVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VYOMIKA V

for successfully completing the course

Microprocessors and Interfacing

with a consolidated score of **58** %

Online Assignments	23.88/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **334**

Jan-Apr 2023

(12 week course)

T.V. Bharat

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23EE06S23349029

To validate the certificate



No. of credits recommended: 3 or 4

Vyomika V, III Year Student, Department of Electronics and Communication Engineering, has completed the NPTEL online certification course on **Microprocessors and Interfacing** with a consolidated score of **58%** during the period Jan-Apr 2023.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHIEVEMENT



AIP Conference Proceedings

[Advanced Search](#) | [Citation Search](#)


[Sign In](#)



AIP Conference Proceedings

[HOME](#)
[BROWSE](#)
[FOR AUTHORS](#)
[FOR ORGANIZERS](#)
[ABOUT](#)

Volume 2492, Issue 1
22 May 2023

RESEARCH ARTICLE | MAY 22 2023

Design, fabrication and analysis of linear clamping fixture for friction stir spot welding FREE

K. Anton Savio Lewise, J. Edwin Raja Dhas, **R. Pandiyarajan**



[+ Author & Article Information](#)

AIP Conference Proceedings 2492, 040064 (2023)

<https://doi.org/10.1063/5.0113165>






[View Metrics](#)

Citing Articles Via

Google Scholar

Dr. R. Pandiyarajan, Head, Department of Mechatronics Engineering has published an article under the title **Design, fabrication and analysis of linear clamping fixture for friction stir spot welding** in the **AIP Conference Proceedings**, May 2023.

BE AN ACTIONeer, Aspire To BE the BEST

Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SABARESAN V
 for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	54/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **10672**



Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
 (12 week course)



Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20S73340530

To validate the certificate



No. of credits recommended: 3 or 4

Mr. Sabaresan. V., Assistant Professor, Department of Information Technology, has completed NPTEL online certification course **The Joy of Computing using Python** with **ELITE + SILVER** with a consolidated score of **79%** during the period Jan-Apr 2023.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
 ISO 9001:2015 Certified Institution: Estd.2001
 OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SENTHIL G A
 for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **75** %

Online Assignments	24.91/25	Proctored Exam	50.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**



Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
 (12 week course)



Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20S73346351

To validate the certificate



No. of credits recommended: 3 or 4

Dr. Senthil G. A, Associate Professor, Department of Information Technology, has completed NPTEL online certification course **The Joy of Computing using Python** with **ELITE + SILVER** with a consolidated score of **75%** during the period Jan-Apr 2023.

BE AN ACTIONeer, Aspire To BE the BEST

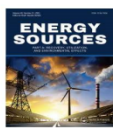


Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
 ISO 9001:2015 Certified Institution: Estd.2001
 OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHIEVEMENT



Energy Sources, Part A: Recovery, Utilization, and Environmental Effects

ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/ueso20>



Optimum production of biodiesel by ultrasonication from novel candidature *Kigelia africana* seeds: A comparison of RSM and ANN expert systems

Umalyambika Neduvel Annal, **Arunodhaya Natarajan** & Renganathan Sahadevan

To cite this article: Umalyambika Neduvel Annal, Arunodhaya Natarajan & Renganathan Sahadevan (2023) Optimum production of biodiesel by ultrasonication from novel candidature *Kigelia africana* seeds: A comparison of RSM and ANN expert systems, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 45:2, 6343-6355, DOI: 10.1080/15567036.2023.2213177

To link to this article: <https://doi.org/10.1080/15567036.2023.2213177>

Published online: 19 May 2023.

Submit your article to this journal

Article views: 3

View related articles

View Crossmark data

Full Terms & Conditions of access and use can be found at <https://www.tandfonline.com/action/journalInformation?journalCode=ueso20>

Arunodhaya.N, Asst Professor, Department of Chemical Engineering has published a paper on the topic, '**Optimum production of biodiesel by ultasonication from novel candidature *Kigelia africana* seeds:A comparison of RSM and ANN expert systems**' in journal of Energy Sources –Part A with an impact factor of 2.90 in the month, May 2023.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHIEVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MADHUMATHI M

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **57** %

Online Assignments	15.94/25	Proctored Exam	40.56/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3082**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS48S43360077

To validate the certificate



No. of credits recommended: 3 or 4

Ms. Madhumathi M, Assistant Professor, Department of Information Technology, has completed NPTEL online certification course **Computer Networks and Internet Protocol** with a consolidated score of **57%** during the period Jan-Apr 2023.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHEIVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VENKATESWARAN S
for successfully completing the course

Maintenance and Repair of Concrete Structures

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.18/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **1027**



Prof. Devendra Jaliha
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CE06S33369224

To validate the certificate 

No. of credits recommended: 3 or 4

Mr.S.Venkateswaran, Assistant Professor, Department of Civil Engineering has completed NPTEL course on the topic of **Maintenance and Repair of Concrete Structures** with **Elite** certificate in the academic year 2022-23.

BE AN ACTIONeer, Aspire To BE the BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution: Estd.2001
OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



FACULTY ACHEIVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHALINI

for successfully completing the course

Maintenance and Repair of Concrete Structures

with a consolidated score of **55** %

Online Assignments	24.91/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1027**

Devendra Jaliha

Prof. Devendra Jaliha
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CE06S33366450

To validate the certificate



No. of credits recommended: 3 or 4

Ms.K.Shalini, Assistant Professor, Department of Civil Engineering has completed NPTEL course in **Maintenance and Repair of Concrete Structures** with a score of 55% conducted in the academic year 2022-23.

BE AN ACTIONEER, ASPIRE TO BE THE BEST



Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.

ISO 9001:2015 Certified Institution: Estd.2001

OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



MINI PROJECT REVIEW



The Department of Aerospace Engineering conducted a **model review of Space Launch Vehicle** Mini Project II for third-year students, reviewed by the Head of the Department, Project Coordinator, and Department Faculties.

BE AN ACTIONeer, Aspire To BE the BEST

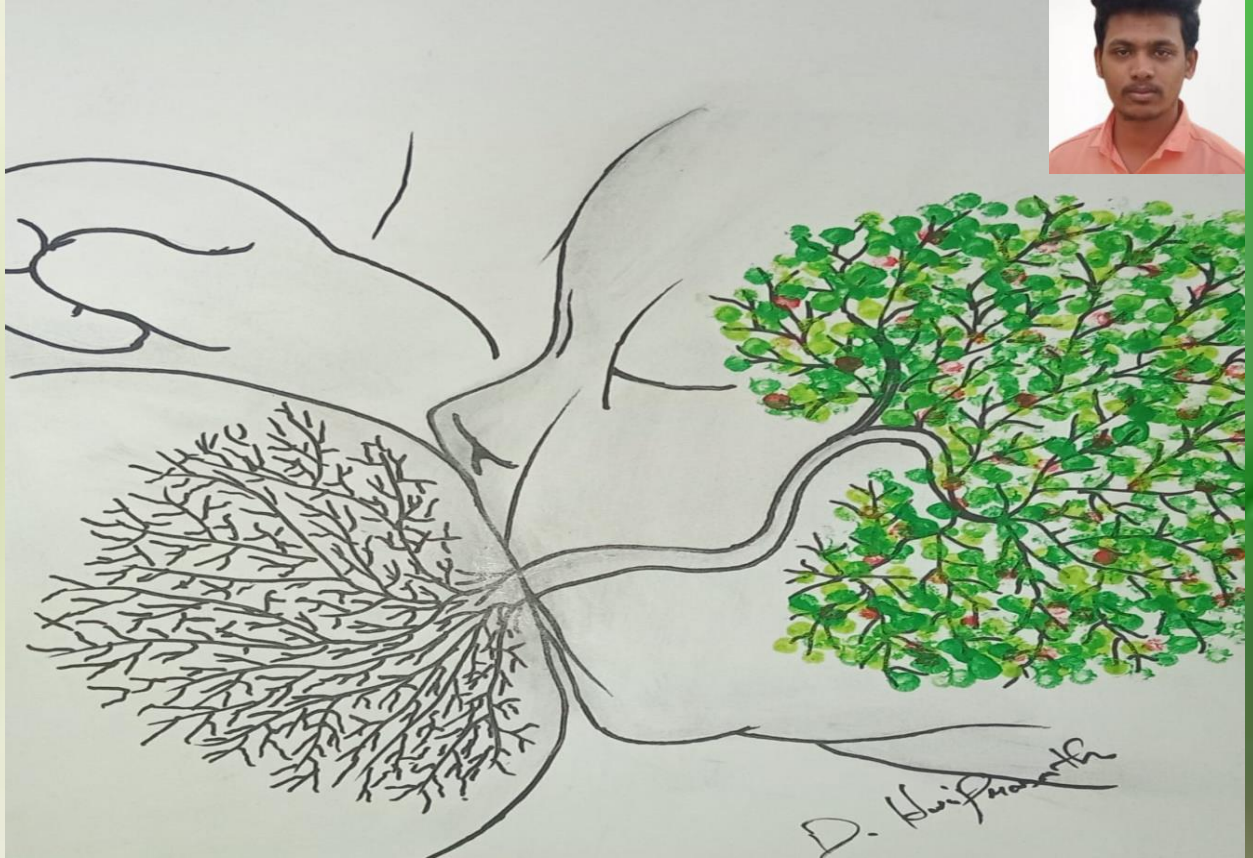


Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution: Estd.2001
OMR, Thalambur, Chennai - 600 130. Phone: 044 6740 9441 Mobile: 9445024081 www.act.edu.in



STUDENT REPOSITORY



Hari Prasath D, II year student, Department of Mechatronics Engineering has expressed his fine talent of **Sketch** portraying the **Love for his Mother**.

BE AN ACTIONeer, Aspire To BE the BEST

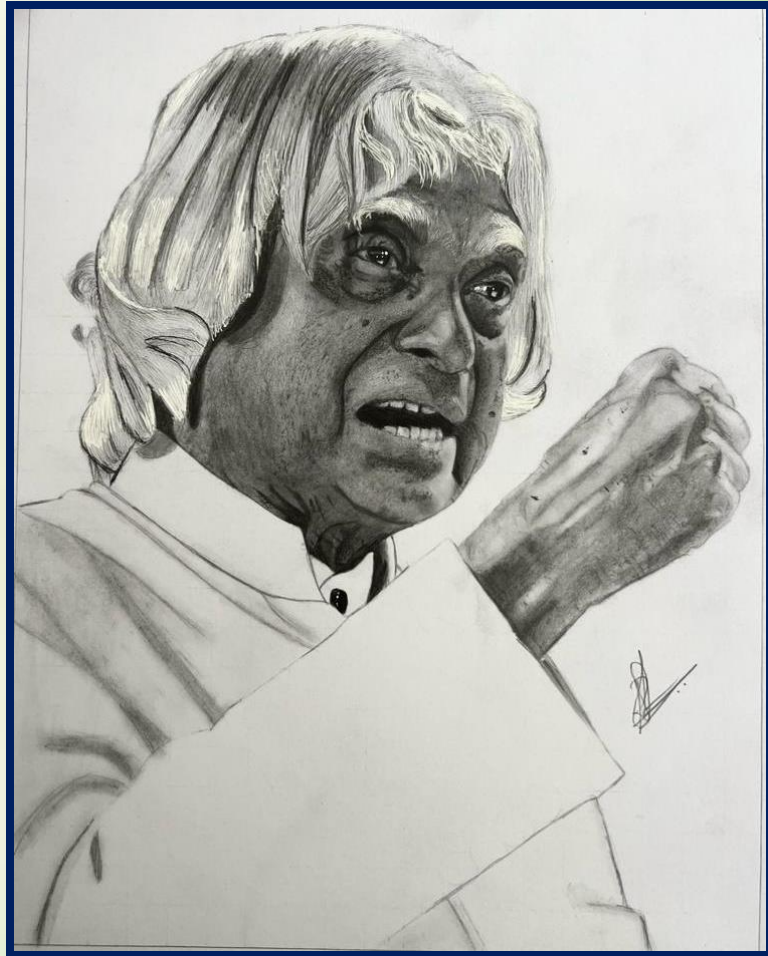


Agni College of Technology

Approved by AICTE / UGC, New Delhi, Accredited by NAAC & NBA, Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution: Estd.2001
OMR, Thalambur, Chennai - 600 130. Phone: ☎ 044 6740 9441 Mobile: 9445024081 www.act.edu.in



STUDENT REPOSITORY



D. Rahul Sharma (MHT), I year student, Department of Science and Humanities, has depicted the **drawing of Dr. A.P.J. Abdul Kalam.**

BE AN ACTIONeer, Aspire To BE the BEST