RAMAIAH UNIVERSITY OF APPLIED SCIENCES

April's Quarterly E-Newsletter

Forge and Flow

Department of Mechanical Engineering

Volume 1 : Issue 2

RAMAIAH UNIVERSITY OF APPLIED SCIENCES

Forge and Flow

Volume 1 : Issue 2 April's Quarterly E-Newsletter

DEAR READERS,

WE ARE DELIGHTED TO PRESENT THE SECOND EDITION OF FORGE AND FLOW

THE QUARTERLY E-NEWSLETTER OF THE DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

THIS PLATFORM HIGHLIGHTS THE ACHIEVEMENTS OF OUR FACULTY AND STUDENTS

CELEBRATING THEIR ROLE IN DRIVING INNOVATION AND EXCELLENCE

HEARTFELT THANKS TO ALL CONTRIBUTORS AND SUPPORTERS WHO MADE THIS EDITION POSSIBLE

WARM REGARDS, EDITORIAL TEAM

RAMAIAH UNIVERSITY OF APPLIED SCIENCES

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VISION

THE DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING STRIVES FOR NATIONAL AND INTERNATIONAL RECOGNITION BY FOCUSING ON STUDENT-CENTRIC EDUCATION, RESEARCH AND INNOVATION PRIORITIZING ETHICAL VALUES TO EFFECTIVELY MEET SOCIETAL NEEDS AND ASPIRATIONS.

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WHAT'S INSIDE

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RAMAIAH UNIVERSITY OF APPLIED SCIENCES

YOUR BREAK, YOUR INTERNSHIP, YOUR MOVE

The big semester break is finally here, a time to rest, recharge, and also take initiative. For all students, this is the perfect opportunity to do something enterprising and productive. Whether it's landing an internship, building a project, or learning new skills, there's always something exciting to explore.

Hands-on experience helps bridge the gap between classroom learning and real-world application. All you have to do is reach out for it! Apply early, network with professionals, and show enthusiasm. Companies notice that.

Don't be afraid to branch out! Sometimes, the best experiences come from unexpected places. Even if you didn't get the internship you wanted this year, that's okay! Each and every experience is valuable in its own right, whether it's assisting in a lab, shadowing a technician, or working on a small project.

Couldn't get an internship in time? That's fine too! Use this break as an opportunity to work on your skillset with online courses through verified course providers or engage with your professors to look for your next big thing.

Semester breaks are what you make of them. Stay curious, stay active, and let every experience help you grow into a more confident, capable, and creative version of yourself.

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FACULTY ACHIEVEMENTS

APRIL

1. Mr Vijay Kumar S completed a course in Supply Chain Digitization on NPTEL Platform in April 2024.


Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

S VIJAYA KUMAR

for successfully completing the course

Supply Chain Digitization

with a consolidated score of 75 %

Online Assignments	20.06/25	Proctored Exam	54.75/75

Total number of candidates certified in this course: 411

Jan-Apr 2024

(12 week course)

Prof. Sridhar Iyer

Indian Institute of Technology Bombay

swayam

Roll No: NPTEL24MG59S952302661 To verify the certificate No. of credits recommended: 3 or 4

2. Dr. Ananth S. Iyengar published a research paper titled "Use of rational approximations for phonon density of states in evaluation of neutron thermal scattering law" on Annals of Nuclear Energy of Elsevier Publication on 24th April 2024.
Link for the paper: https://doi.org/10.1016/j.anucene.2024.110589

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FACULTY ACHIEVEMENTS

MAY

3. Dr. Ananth S. Iyengar published a research paper titled "Enhancing building energy efficiency and reducing carbon emissions through sustainable cement block admixtures" on renowned Taylor & Francis publication on 14th May 2024.
Link for the paper: https://doi.org/10.1080/17512549.2024.2357125

4. Mr. Vijay Kumar S successfully completed the 4 credit course Strategies and Models for Sustainability on SWAYAM Platform on 19th May 2024.



swayam

ignou THE PEOPLE'S UNIVERSITY

SWAYAM ONLINE COURSE CERTIFICATION

This Certificate is awarded to

S VIJAYA KUMAR

for successfully completing the 4 credit course

MSD-016: Strategies and Models for Sustainability

with a consolidated score of 63% marks

in the proctored examination held on 19-May-24

offered by ***Dr. Y.S.C. Khuman; Dr. Rita Chauhan*** *of*

Indira Gandhi National Open University, New Delhi

Roll No:KK04048016

Prof. Uma Kanjilal
National Coordinator / Registrar, SED
Indira Gandhi National Open University, New Delhi

Issued On: 20/06/2024

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FACULTY ACHIEVEMENTS

JUNE

5. Mr. Vijay Kumar S, Mr. Sandeep N and Dr. Suresh R presented a Paper on “Few Insights on Sustainable Supply Chain Management” in the Doctoral Colloquium 2024 Conducted by Ramaiah University of Applied Sciences on 7th & 8th of June 2024.

6. Mr. Sandeep N received the best paper award in the Doctoral Colloquium 2024 Conducted by Ramaiah University of Applied Sciences on 7th & 8th of June 2024.



7. Dr. Suresh R, Professor has delivered a Technical Talk on "Joining process for dissimilar and advanced materials" to UG and PG Mechanical students at Vemana Institute of Technology, Bangalore on 13th June 2024.

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FACULTY IN FOCUS!

The following papers were published by Dr. Suresh R from 1st April 2024 to 30th June 2024

1. Iyengar, A.S., Suresh, R. (2024) Spark Plasma Sintering of Al2O3 Reinforced Aluminum Alloy Metal Matrix Composites (Review). Powder Metallurgy and Metal Ceramics, Vol. 62, Nos. 9–10 (553), pp. 42–64.(Q-2 journal)

2. Chari V. Srinivasa,Suyog Jhavar, R. Suresh (2024) Optimization of Surface Finish of Plasma Metal Deposited Stainless Steel 316L Parts by Utilization of Plasma Beam Remelting (PBR) and Taguchi Methodology, Archives of Metallurgy and Materials, (Q3 Journal)
DOI: https://doi.org/10.24425/amm.2024.147812

3. R. Suresh, Ajith G. Joshi, M. Manjaiah, Satish Kumar and K. N. Bharath, (2023) Mechanical Behavior and Sliding Wear Assessment of Al2024/TiC Metal Matrix Composite using Taguchi and Spotted Hyena Optimization"
Scintia Iranica, SCI-2101-5261, (Online)
(Q2, SCI/Scopus Indexed)
https://scientiairanica.sharif.edu/article_23517.html

4. Virupakshappa Lakkannavar, Yogesha K B, M Mruthunjaya, R Suresh, (2024) A Review on Tribological and Corrosion Behavior of Thermal Spray Coatings", Journal of The Institution of Engineers (India): Series D., (IF-1.431) Q3-Journal, (Online)
https://doi.org/10.1007/s40033-024-00636-5

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INDUSTRIAL VISITS



Industry: TVS Motors, Mysore
Date of Visit: 5th April
Students: 6th Semester Mechanical and Robotics



Industry: Ati Motors, Bengaluru
Date of Visit: 6th June
Students: 6th Semester Robotics



Industry: M/s. Canara Hydraulics Private Limited (CHPL)
Date of Visit: 7th June
Students: 6th Semester Mechanical

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LATEST PLACEMENT DETAILS

Mechanical Engineeering
Batch of 2020

MAGNA



Mr. ABHISHEK CHINCHOLE



Mr. VINOD S
CTC – INR 4 LPA



Mr. SHRESHT BAJPAI

YES



Mr. PRAVEEN S
CTC – INR 6 LPA

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LATEST PLACEMENT DETAILS

Robotics Engineering Batch of 2020

DUCOM MATERIAL CHARACTERIZATION SYSTEMS



Ms. SHAKTHI



Ms. LALITHASHREE



Ms. SNEHA G



Mr. ROHAN MULICK

CTC – INR 6 LPA

BARAK & BRAZOS ENGINEERING LLP



Ms. ZEBA SANIA R

CTC – INR 4.2 LPA

MAGNA



Mr. SHIVASHARANAPPA GOUDA



Mr. RAKSHITH RAJ

CTC – INR 4 LPA

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LATEST PLACEMENT DETAILS

Mechanical Engineering
Batch of 2021



Mr. Samarth B.C
CTC : 6 LPA

ideaForge
Create. Inspire

REDANT TECHNOLOGIES



Mr. Gagandeep B N
CTC : 6 LPA



Mr. Neeraj M
CTC : 6 LPA

Robotics Engineering
Batch of 2021

REDANT TECHNOLOGIES



Mr. Aaryan Ganesh
CTC : 6 LPA

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STUDENT EVENTS AND ACHIEVEMENTS



Workshop on
Waste Management

ASME
SETTING THE STANDARD

Institution of
MECHANICAL
ENGINEERS



Career Counselling sessions
for rural schools and colleges



World Creativity and
Innovation Day 2024 - 2nd
Place Winners!

RUAS ROBOTICS CLUB

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THANK YOU FOR READING!

STAY TUNED FOR ISSUE 3

