VOLUME 14 | ISSUE 01 | JANUARY 2024

ASPIRE

ACHIEVEMENTS IN SPORTS, PROJECTS, INDUSTRY, RESEARCH AND EDUCATION

HAPPY NEW YEAR !!

SSN
SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
RAJIV GANDHI SALAI (OMR), KALAVAKKAM, CHENNAI, TAMIL NADU, INDIA

Dr. K S Vijay Sekar
Professor and Head,
Department of Mechanical Engineering

From the HoD's desk.....

We are delighted to share the January edition of Aspire!!

We profile Jon Fosse, the distinguished Norwegian playwright and novelist who was awarded the Nobel Prize in Literature this year.

It is inspiring to see the recognition of Roshni Nadar placed 60th amongst the most powerhouse women in the world according to Forbes 2023 list. Mech student Aditya S, wins big at National Roller-skating event.

Mechanical Engineering Department always look forward to the Internally funded student projects scheme and this time about 29 projects worth 8.37 lakhs have been funded by the management. Mech students do well in the NPTEL courses too. I was invited to present a lecture as guest of honour at Valeo automotive. NBA team visited the college to audit the mechanical department and the faculty have presented themselves well and hoping for a good result.

A student shares her NPTEL course experience, while another student shares his competition experience at L&T. Our alumni share their experiences pursuing Masters in Arizona and Leeds. We thank Mr. Ramakrishnan of GMR group for sharing his column with us on a regular basis.

Wishing all of you a great new year!!!!!
Best Wishes,
KSV
vijaysekarks@ssn.edu.in

Jon Fosse: A Literary triumph that transcends boundaries

In a moment of great triumph for the literary world, Jon Fosse, the distinguished Norwegian playwright and novelist, has been awarded the highly esteemed Nobel Prize in Literature for this year.

This prestigious recognition solidifies Fosse's position as an illustrious figure in contemporary literature, renowned for his unparalleled ability to evoke profound emotions and explore the depths of the human condition through his works. Fosse's writing style is marked by a mastery of language and form that is nothing short of extraordinary. Fosse's writing captivates readers, allowing them to delve into the complex emotions and psychological nuances that his characters experience. Moreover, his keen attention to the musicality of language adds an ethereal quality to his works, drawing readers into a realm of profound introspection.

Central to Fosse's literary repertoire is his exploration of universal themes that resonate deeply with readers from all walks of life. Love, identity, loneliness, and mortality are recurrent motifs within his narratives. Fosse's ability to effortlessly intertwine these existential themes within his stories strikes a chord with readers across cultural and linguistic boundaries.

Furthermore, Fosse's Nobel Prize win shines a much-deserved spotlight on Norwegian literature. As a country with a rich literary tradition, Norway now basks in the recognition of Fosse's immense contribution. This award not only celebrates his individual talent, but also sets a precedent for acknowledging Norwegian literature on a global platform, encouraging exploration and appreciation of the nation's literary heritage.

As we celebrate Jon Fosse's momentous achievement, it is essential to recognize the profound impact his work has had on the literary world. His Nobel Prize win is a testament to his exceptional talent and his ability to touch the hearts and minds of readers and theater enthusiasts alike. Fosse's evocative storytelling continues to inspire introspection, spark cross-cultural dialogue, and leave an enduring legacy within the literary landscape. With this recognition, the anticipation for the future works of this master craftsman only grows, as we eagerly await the next thought-provoking creation from the mind of Jon Fosse.

Breaking Glass Ceilings: Roshni Nadar Among the World's Powerhouse Women

In a ground-breaking stride, Roshni Nadar Malhotra, at the age of 42, stands as a beacon of success, donning the titles of Indian billionaire, philanthropist, and trailblazer. As the Chairperson of HCL Technologies, she etches her name in history as the first woman to helm a listed IT company in India. Born as the only child of HCL's visionary founder, Shiv Nadar, Roshni not only inherits a legacy but propels it to new heights.

Roshni Nadar Malhotra
Chairperson, HCL Technologies

According to the IIFL Wealth Hurun India Rich List (2019), she claims the distinguished title of the richest woman in India, a testament to her astute business acumen. But her influence extends beyond borders. Forbes, in its annual ranking of the world's most powerful women, consistently places Ms. Malhotra among the elite. In 2019, she secured the 54th position, followed by the 55th spot in 2020, and an impressive 60th in the latest 2023 rankings.

Beyond her corporate prowess, Roshni Nadar Malhotra is a fervent advocate for philanthropy, embodying a perfect blend of business success and social responsibility. Her journey unfolds as an inspiring narrative of resilience, breaking barriers, and leaving an indelible mark on the global stage.

Dr. M S Alphin is the new faculty incharge of CDC

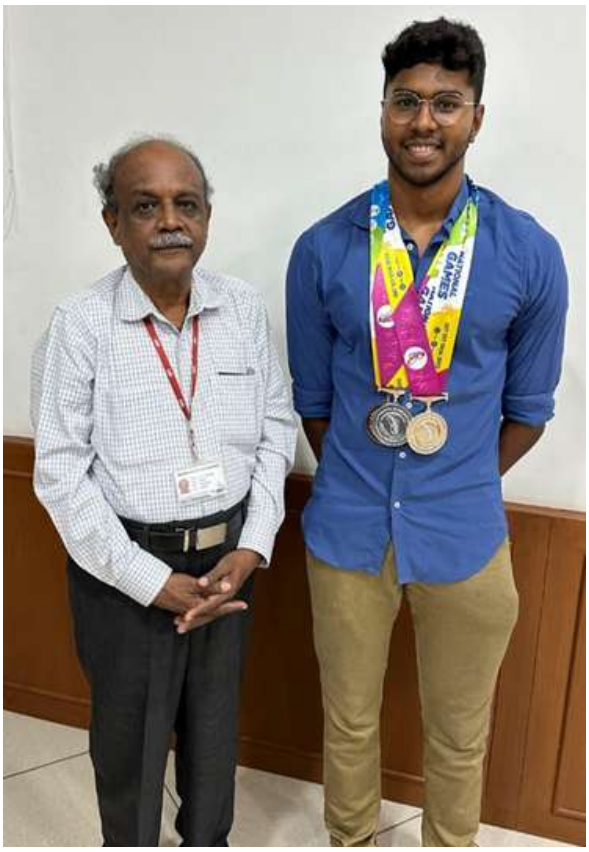
Dr. M S Alphin, Associate Professor, has taken on additional responsibilities as the Faculty In-Charge of the Career Development Centre (CDC), Sri Sivasubramaniya Nadar College of Engineering starting from 1 January , 2024

Aditya Surya, Final year Mechanical wins one Gold medal and one Silver medal in the 61st National Roller - Skating Championship 2023

Aditya Surya from the Department of Mechanical Engineering bagged a Gold medal in the Couple Dance category and a Silver medal in the Group Dance category. Furthermore, he placed Fourth in the Single Dance category. These accomplishments were forged in the 61st National Roller Skating Championship 2023, held in Vandalur, Chennai from the 14th of December to the 20th of December. This was truly a proud moment for our college. We wish Aditya the very best for his future accomplishments.

Rohit Ben claims multiple prestigious awards at the Anna University Zonal Swimming Competition, showcasing remarkable prowess in the pool

In an extraordinary display of talent at the Anna University Aquatic Championships on November 24, 2023, hosted by MNM Jain Engineering College, Chennai, Benediction Rohit, a second-year Civil Engineering student from SSN, brought immense pride to the institution. Achieving remarkable success, Rohit secured an impressive tally of eight gold and one silver medal in various swimming competitions, contributing significantly to SSN's overall success in the zonal event. His outstanding performance not only earned him the prestigious Individual Championship title but also serves as a testament to SSN's commitment to excellence in sports. Rohit's achievements stand as a source of pride, further solidifying SSN's reputation as a hub for talented and accomplished individuals.



International Journal Publication - SCI /Clarivate Indexed

Sampath S. Influence of high temperature ternary and quaternary additions on the phase transformation and actuation fatigue characteristics of NiTi shape memory alloys: *Journal of Thermal Analysis and Calorimetry* (2023). Clarivate Impact Factor: 4.4

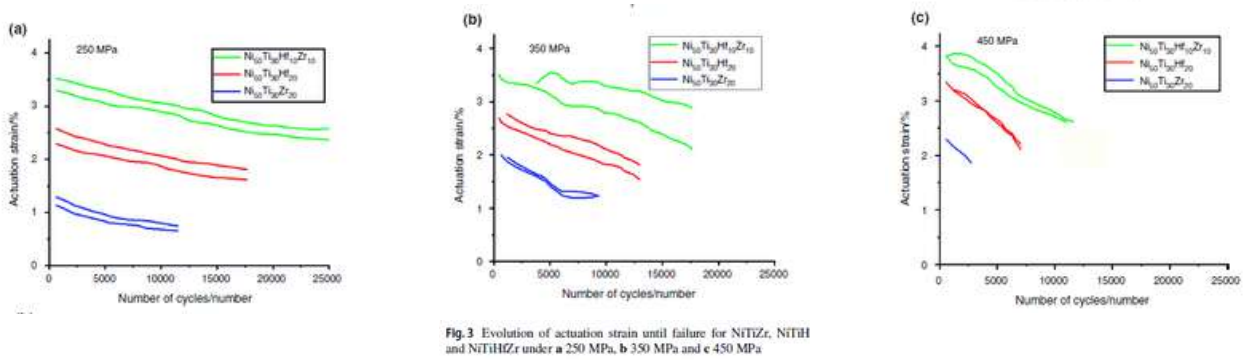
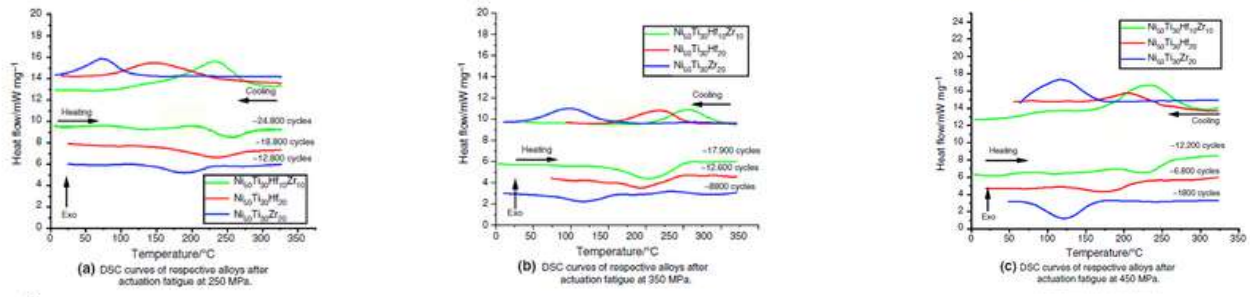


Fig. 3 Evolution of actuation strain until failure for NiTiZr, NiTiH and NiTiHfZr under **a** 250 MPa, **b** 350 MPa and **c** 450 MPa



International Journal Publication - SCI /Clarivate Indexed

Rakeshkumar, C., and K. S. Jayakumar. "Ballistic impact assessment of Aluminium Alloy 7075 T6, Kevlar and basalt fibre reinforced composite laminate with different nano fillers." *Materials Research Express* 10.2 (2023): 025309. Clarivate Impact Factor: 2.025

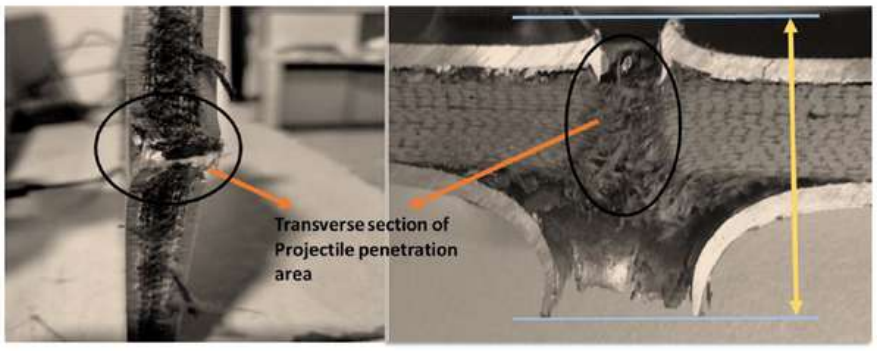


Figure 8. Transverse break in the target's depth profiles.

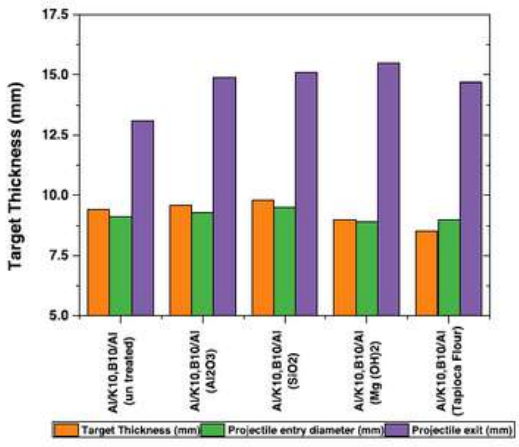


Figure 9. Projectile entry and exit with respect to thickness.

International Journal Publication - SCI /Clarivate Indexed

Prabu, D. Antony, K. S. Jayakumar, E. Madhavan Pillai, and G. Kumaresan. "Optimization Of GTAW process parameters Of Dissimilar al-mg alloys for enhanced Joint strength–Taguchi approach." *Archives of Metallurgy and Materials* (2023): 599-606. Clarivate Impact Factor: 0.63

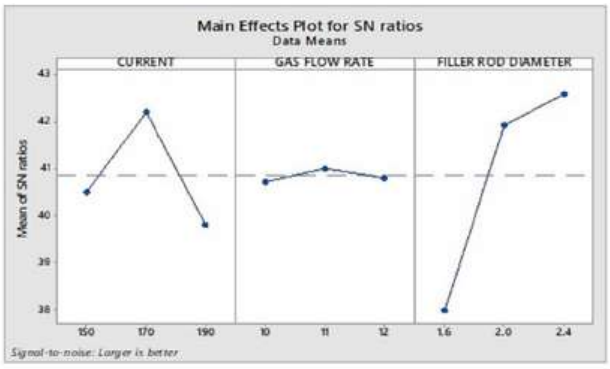


Fig. 6. Effects of process parameters on S/N ratios for ultimate tensile strength

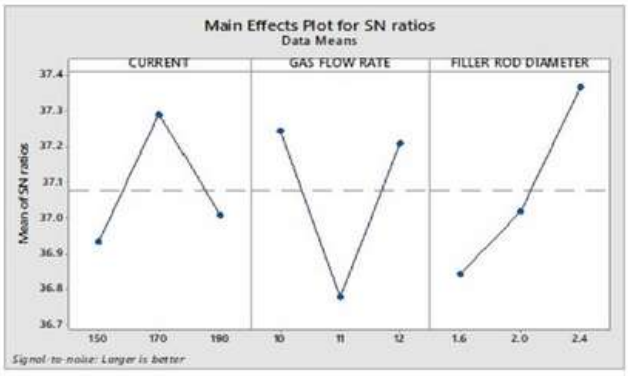


Fig. 7. Effects of process parameters on S/N ratios for Microhardness

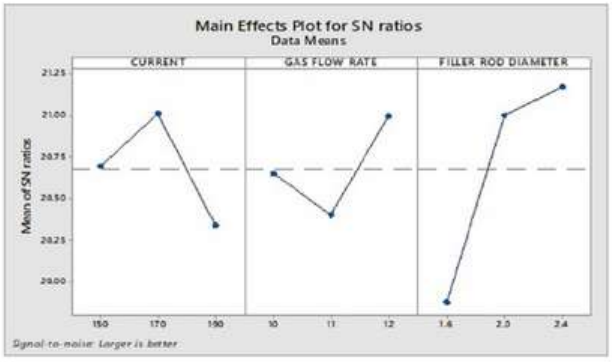


Fig. 8. Effects of process parameters on S/N ratios for Impact resistance

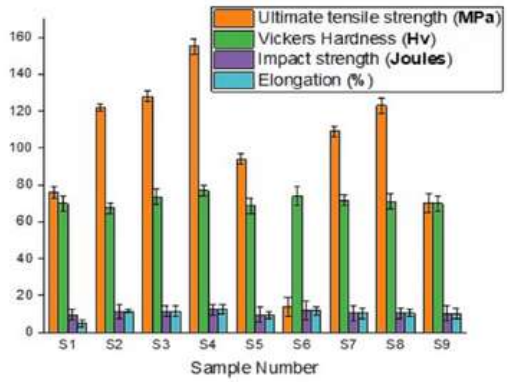
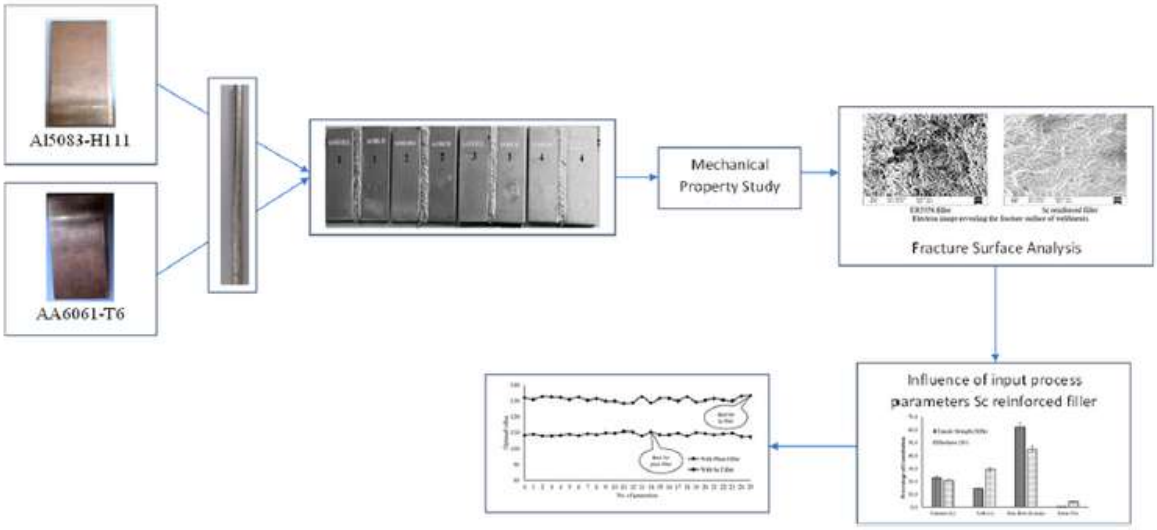


Fig. 5. Experimental results – Mechanical Properties of TIG welded joints

International Journal Publication - SCI /Clarivate Indexed

Sankaralingam, T., Jayakumar, K. S., Madhavan Pillai, E., & Jani, S. P. (2023). Modified Gas Tungsten Arc Weld Filler Material and Varying Population Genetic Algorithm for Studying Dissimilar Material Welding Parameters. *Journal of Materials Engineering and Performance*, 1-15.
Clarivate Impact Factor: 2.52



International Journal Publication - SCI /Clarivate Indexed

Kumaran, G. Tamil, K. S. Jayakumar, and A. Amala Mithin Minther Singh. "Characterization of pulsed-tungsten inert gas (PTIG) welding on AA5754-H111 alloy: mechanical properties and microstructural analysis." *Materials Research Express* 10, no. 11 (2023): 116504. Clarivate Impact Factor: 2.03

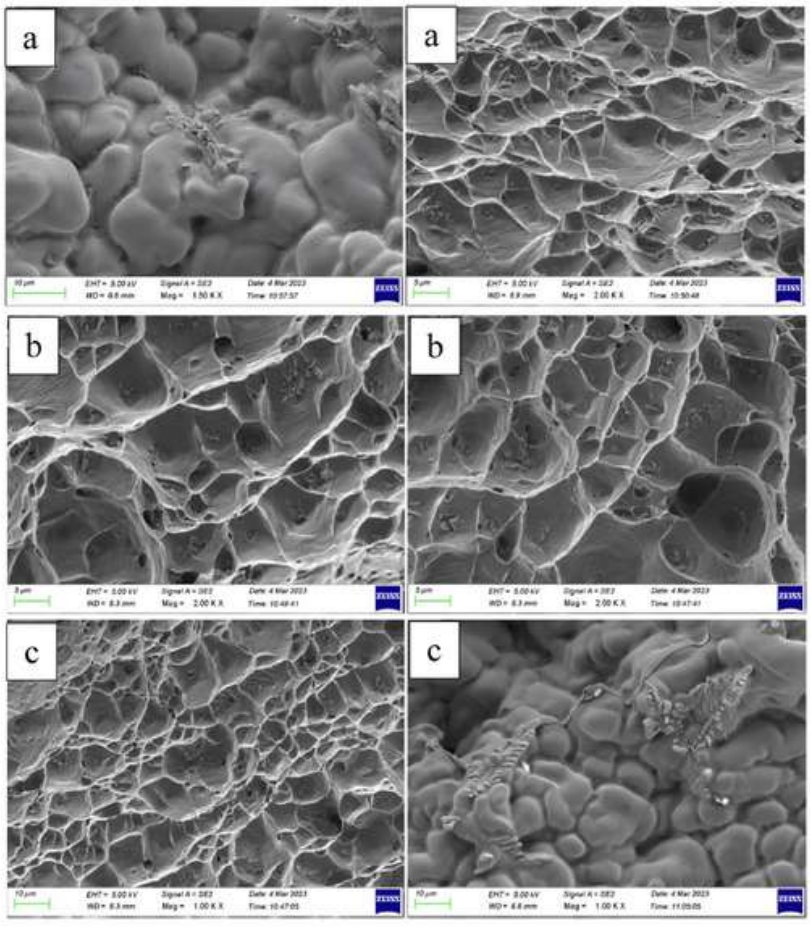


Figure 8. Fractured surface of the scanning electron microscope (sample 5).

International Journal Publication - SCI /Clarivate Indexed

G. Tamil and K. S. Jayakumar. "Exploring the relationship between TIG welding current and AA5754-H111 joint characteristics." *Journal of Ceramic Processing Research*. 24(5), 860-867 (2023). Clarivate Impact Factor: 1.3

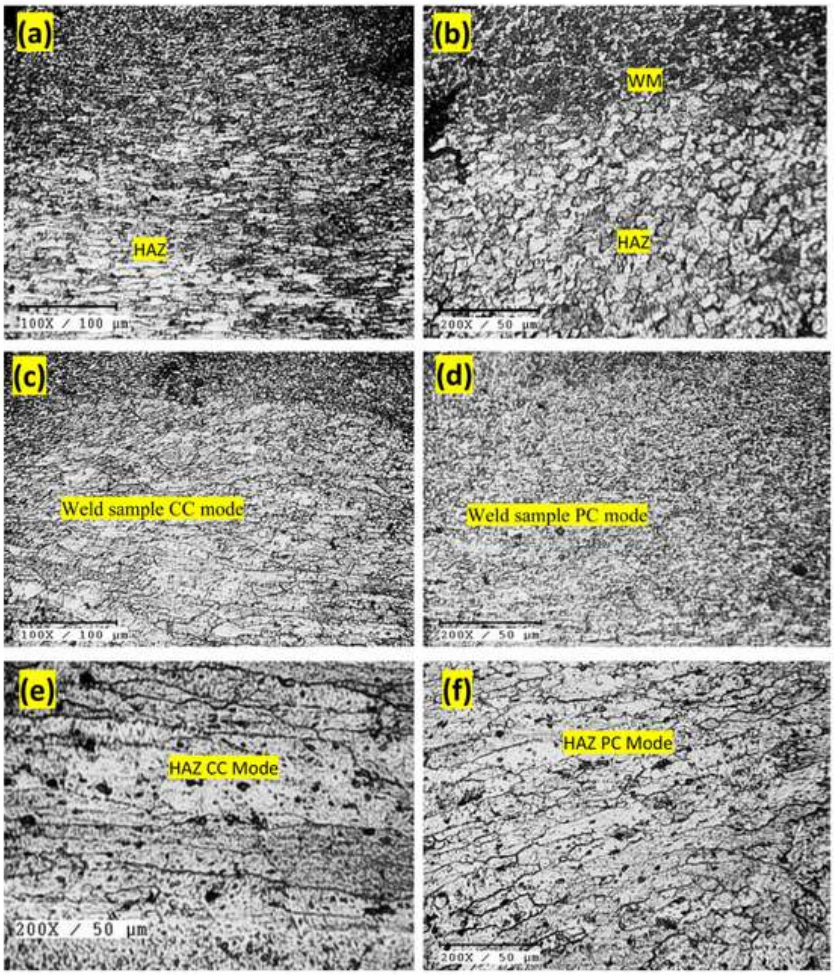


Fig. 2. OM analysis (a) interface (b) HAZ interface (c) CC mode (d) PC mode (e) HAZ of CC mode (f) HAZ of PC mode.

International Journal Publication - SCI /Clarivate Indexed

Mohamed, M. Nalla. "Improving the blast resistance of sandwich structures by tailoring honeycomb core through varying cell size and vertex-derivative approach." *Forces in Mechanics* (2023): 100247. Clarivate Impact Factor: 1.8

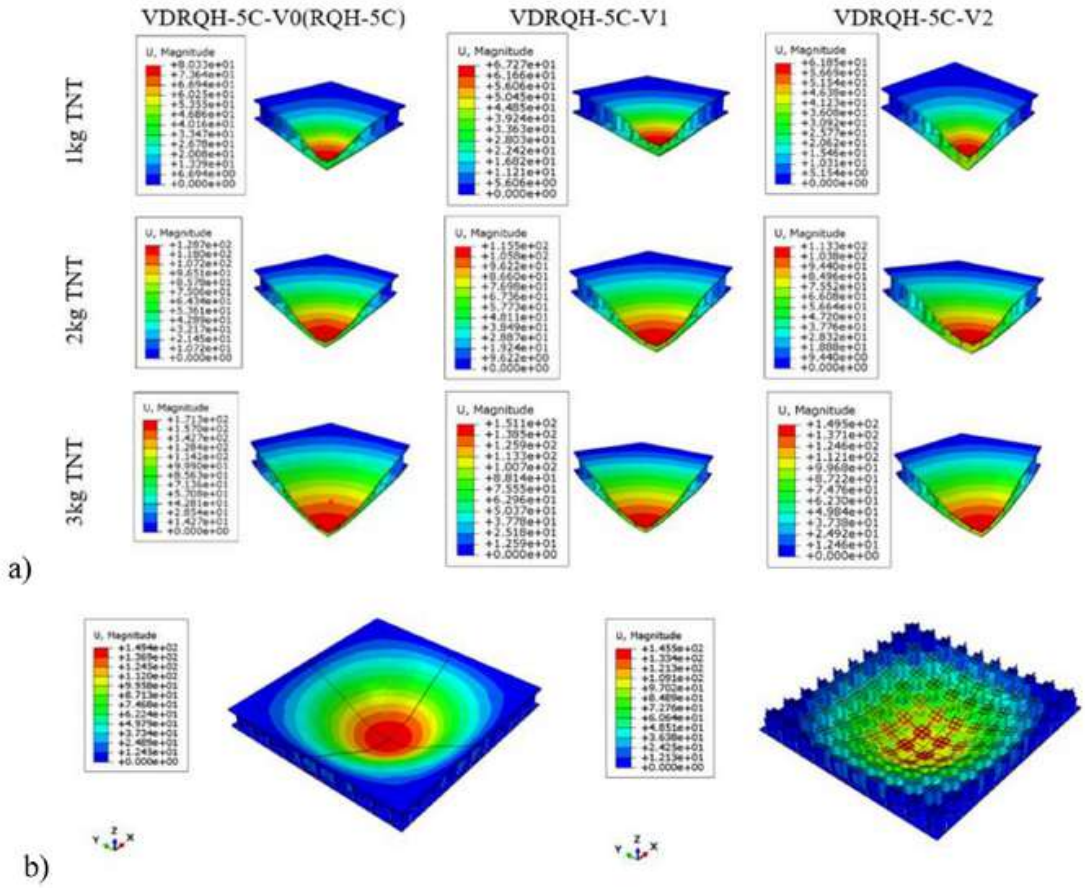


Fig. 13. Effect of vertex derivative index and mass of TNT on the deformation of VDRQH-5C a) Quarter model b) Full model.

International Journal Publication - SCI /Clarivate Indexed

Priyanga, G. S., Pransu, G., & Sampath, S. (2023). A Comprehensive Overview of the Graphitic-Carbon Nitride Computational Approach: From Basic Properties to a Wide Range of Applications. *Chemical Physics Impact*, 100408. Clarivate Impact Factor: 2.2

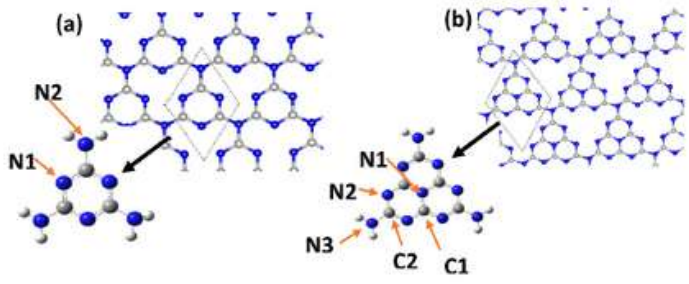


Fig. 3. Two sub structures of g-C_3N_4: TGCN and HGCN.

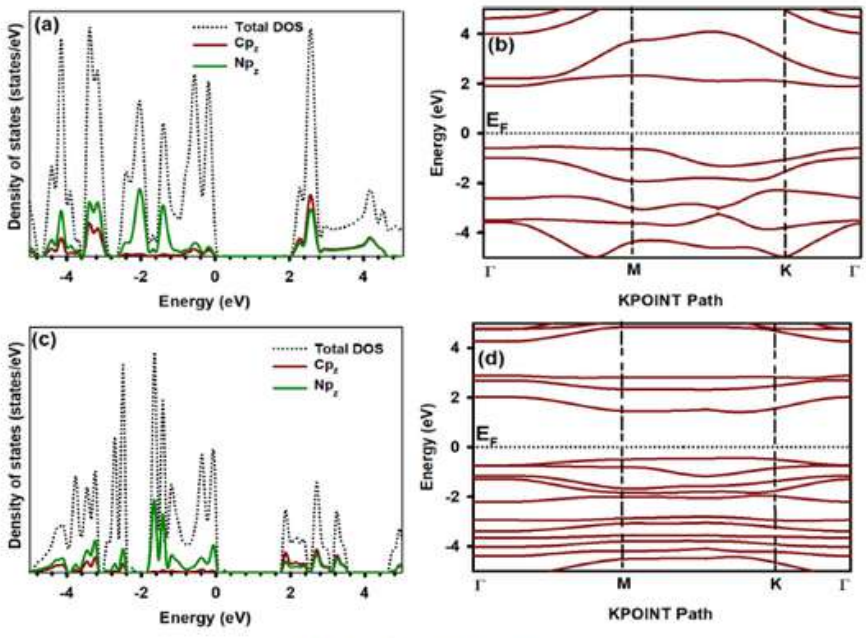


Fig. 4. Electronic structures of TGCN and HGCN.

International Journal Publication - SCI /Clarivate Indexed

Chilambarasan, L., Vinoth Thangarasu, and Prakash Ramasamy. "Solar flat plate collector's heat transfer enhancement using grooved tube configuration with alumina nanofluids: Prediction of outcomes through artificial neural network modeling." *Energy* (2023): 129953.
Clarivate Impact Factor: 9

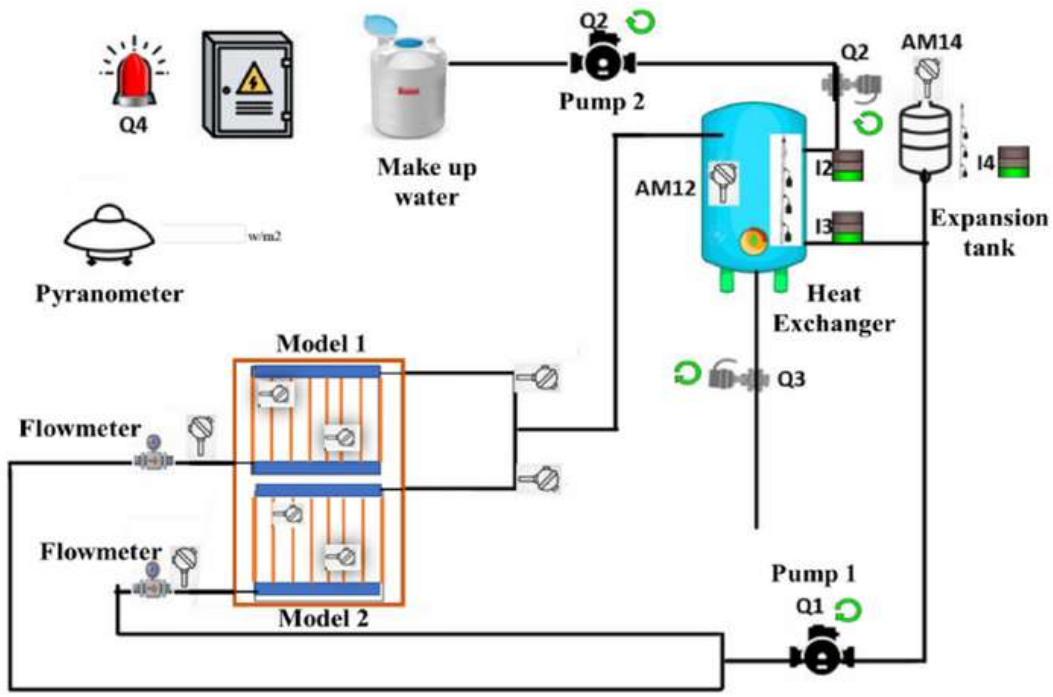


Fig. 6. Flow diagram of an experimental setup.

ASM Students Chapter Meeting: Dr. Ananthapadmanaban and Dr. Santosh Lead Discussions on December 21, 2023, at 5:30 PM

A meeting of all ASM students chapters across India was conducted online on 21st December,2023 via Google meet at 5.30 P.M.

The agenda of the meeting was:

- To review the progress of each chapter
- Discuss common problems across chapters
- Discuss possibility of inter chapter collaboration
- Any other issue of importance

14 chapters were represented in the meeting and this included participation from Anna University and NITs across India. The possibility of starting an Indian Journal, om the lines of ASM Journals was discussed. There was also a discussion on internship for students and help was forthcoming regarding internships.

A yearly or half yearly offline meeting was proposed by various members so that we could all share our ideas. The idea of a National Symposium was also mooted. As faculty co-ordinator, Dr Ananthapadmanaban from Sri Sivasubramaniya Nadar College of Engineering spoke for 3 minutes on the activities of ASM Students chapter, SSNCE. He pointed out the flaws in the proposal to stop bulk memberships by ASM International. This point found support by other members too.

Completion Report: NPTEL Courses Successfully Concluded by Students

Our NPTEL monitoring team from the Department headed by our HOD, Dr. K S Vijay Sekar and comprising of Dr. Ananthapadmanaban, Dr. Anirudh V K, Dr. S Suresh Kumar and Dr. A S Ramana. They have been monitoring the completed courses and have submitted all documents pertaining to NPTEL to the Controller of Examinations. The results of the courses have also been published.

NPTEL Courses Our NPTEL monitoring team from the Department headed by our HOD, Dr. K S Vijay Sekar and comprising of Dr. Ananthapadmanaban, Dr. Anirudh V K, Dr. S Suresh Kumar and Dr. A S Ramana. They have been monitoring the completed courses and have submitted all documents pertaining to NPTEL to the Controller of Examinations. The results of the courses have also been published. A meeting was held among the committee members and the list of approved courses in the Professional Core and Open elective categories have been sent to the present 2nd year and 3rd year students well in advance... These approved courses can be substituted for 8th semester elective. During the period from July to December,2023: 93 certificates from 72 students in 21 courses were received. were obtained from During January to June 2023, 107 certificates from 80 students in 30 courses were obtained from July to November,2023 session. On the whole, we are seeing more and more students registering for NPTEL courses each year, which is very encouraging. This year 4 students from Robotics (Honors) also completed their NPTEL courses. These courses add value to the students when they face placement interviews or go abroad for higher studies.

Dr. KSV: Distinguished Guest of Honor at Valeo Automotive

It was an honour to be invited to deliver a talk at the Annual Trainers Day at Valeo Automotive on 18th December 2023, as its Guest of Honor. Last year I delivered on ‘Emotional intelligence ‘and the positive feedback by the trainers, made the organizing team to invite me for this year’s edition. They wanted a non -technical topic and I chose to speak on ‘Humor in everyday Life’, something which take for granted in our personal and professional life, but which can actually be a great stress buster and mood enhancer and help alleviate many issues at the office or home. I touched upon different aspects of humor and its ability to motivate a person in overcoming challenges. The talk was received well by the delightful audience and it was a warm atmosphere all through. Thanks again to the Valeo team for the invite and hoping to see them again next year.

NBA visits the Mechanical Department

The NBA team visited the Mechanical Engineering department to assess the programs accreditation certification, between 15th-17th December, 2023. The visit went well with the faculty giving a good account of the various facets of the program and its facilities. There was excellent support from the management in facilitating a smooth process flow. Thanks, one and all for the support. This is the second visit of the NBA this year, wherein the first one was for accrediting the PG Manufacturing program where we secured a 3-year accreditation.

IFSP projects sanctioned for the Mechanical Department

It is indeed gladdening to note that the mechanical department has been awarded 29 student projects for funding to the tune of 8.37 lakhs. The president Dr Kala Vijayakumar handed over the sanction letters to the heads of department amidst cheers from the student community. It has always been an event eagerly awaited upon each year by the enthusiastic students right from first year to final year and with the able guidance of a dedicated team of faculty members, hope to succeed in getting their projects sanctioned.

This scheme has gone a long way in improving the placements and higher studies outcomes of the students and helps in getting their results published in excellent peer reviewed journals. The department wholeheartedly thanks the SSN management for this continual gesture in promoting active research amongst students. We also thank the Dean, Dr P Ramasamy for his pivotal role in promoting the scheme and for his steadfast support in the whole process.

Non Teaching Staff activities

27/12/2023	Mr. Balasundaram P / Asst. Lab Instructor / Mechanical / Completed online Alison course of Robotic Process Automation on 27.12.2023 (Wednesday).

Scholar Info

29/11/2023	Dr. M S Alphin Convened Public Viva-Voce for Full Time Research Scholar Dr. Sunil Kumar M on 10 Nov 2023.
20/11/2023	Dr. L. Poovazhagan, ASP/Mech. conducted the synopsis DC Meeting for his part-time research scholar, Mr. S. Kulothungan on 18.12.2023.
20/11/2023	Dr. L. Poovazhagan, ASP/Mech. delivered an invited talk on the topic of Research avenues in NTM at the FDP organized by the NITTTR, Chennai
20/11/2023	Dr. S. Rajkumar, ASP/Mech conducted a DC meeting for reviewing the thesis evaluation report of his part time research scholar Mr. H. Karthick on 28.11.223
20/11/2023	Dr. S. Rajkumar, ASP/Mech conducted the Synopsis DC Meeting for his part time research scholar, Mr. G. Venkatesh on 18.12.2023.
22/12/2023	Dr. L Poovazhagan, ASP/Mech conducted the synopsis DC Meeting for his part-time Ph.D research scholar, Mr. S. Kulothungan on 18.12.2023.

International Conferences attended

22/12/2023	A. Surya, Research Scholar, presented a paper titled "Experimental Thermo-Hydraulic Investigation on Packed Bed Thermal Energy Storage System using Phase Change Material" in the 10th International and 50th National (Golden Jubilee) Conference on Fluid Mechanics and Fluid Power (FMFP-2023) organized by the Department of Mechanical Engineering, Indian Institute of Technology Jodhpur, during 20-22 Dec 2023. (Co-Authors: Dr. R. Prakash, ASP/Mech and Dr. N. Nallusamy, Registrar, SNU Chennai)

International Conferences attended

10/12/2023	Santosh S published a paper titled “Influence of high temperature ternary and quaternary additions on the phase transformation and actuation fatigue characteristics of NiTi shape memory alloys” in the **Journal of Thermal Analysis and Calorimetry**.
11/12/2023	C Rakeshkumar, K S Jayakumar published a paper titled “Ballistic impact assessment of Aluminum Alloy 7075 T6, Kevlar and basalt fiber reinforced composite laminate with different nano fillers” in the journal **Materials Research Express**.
11/12/2023	D Antony Prabu, K S Jayakumar, E Madhavan Pillai, G Kumaresan published a paper titled “Optimization of GTAW Process Parameters of Dissimilar Al-Mg Alloys for Enhanced Joint Strength–Taguchi Approach” in the journal **Arch. Metall. Mater.**

11/12/2023	Sankaralingam T, Jayakumar K S, Madhavan Pillai E, S.P. Jani published a paper titled “E. Modified Gas Tungsten Arc Weld Filler Material and Varying Population Genetic Algorithm for Studying Dissimilar Material Welding Parameters” in the **Journal of Materials Engineering and Performance.**
11/12/2023	G Tamil Kumaran, K S Jayakumar, A Amala Mithin Minther Singh published a paper titled “Characterization of pulsed-tungsten inert gas (PTIG) welding on AA5754-H111 alloy: mechanical properties and microstructural analysis” in the journal Materials Research Express.
11/12/2023	G. Tamil Kumaran, K.S. Jayakumar published a paper titled “Exploring the relationship between TIG welding current and AA5754-H111 joint characteristics” in the **Journal of Ceramic Processing Research.**
13/12/2023	M Nalla Mohamed published a paper titled “Improving the blast resistance of sandwich structures by tailoring honeycomb core through varying cell size and vertex-derivative approach” in the journal **Forces in Mechanics**.
20/12/2023	Vishal K, Rajkumar K, Sabarinathan P, Arun A published a paper titled “Mechanical and thermal characteristics of steam-exploded silane grafted Kigelia Pinnata fruit (KPF) fiber reinforced vinyl ester polymer composites” in the journal **Polymer Composites.**
20/12/2023	G. Sudha Priyanga, Gaurav Pransu, Santosh Sampath published a paper titled “A comprehensive overview of the graphitic-carbon nitride computational approach: From basic properties to a wide range of applications” in the journal **Chemical Physics Impact.**
20/12/2023	Chilambarasan L, Vinoth Thangarasu, Prakash Ramasamy published a paper titled “Solar flat plate collector’s heat transfer enhancement using grooved tube configuration with alumina nanofluids: Prediction of outcomes through artificial neural network modeling” in the journal **Energy**.

Successful Completion of an NPTEL Course: A Personal Journey

By: Muppala Venkata Siri , Third Year

This is Venkata Siri from 3rd year, writing here my experience of completing “AUTOMATION IN MANUFACTURING” NPTEL online certification course. The course was handled by Prof. Shrikrishna N. Joshi, from Indian Institute of technology Guwahati covered the detailed concepts of Importance of automation in the manufacturing industry, Use of mechatronics, Fabrication or selection of various components of an automated system, Sensors, Microprocessor Technology, electrical drives, linear motion bearings, cams, Electronic cams, indexing mechanisms, hydraulic power pack, pumps, designing of hydraulic circuits, Pneumatic systems, CNC technology. This is 12-Week course has got 3 credits in our curriculum.

This course on “Automation in Manufacturing” is designed with the primary focus on the design and development of automated systems in the manufacturing. Initially the course introduces various automated systems being used in the manufacturing industry. Then the building blocks of a typical automated system are described. It presents a study on the principle of operation and construction details of sensors/transducers, actuators, drives and mechanisms, hydraulic and pneumatic systems. It also covers up the microprocessor technology, programming and CNC technology.

The contents are lucidly presented with real-life examples. Case studies based on manufacturing industry applications are presented. I deeply believe that this course will help our fellow people to understand the concepts of automation in a much detailed manner through this course.

Navigating the Winds of Innovation: Our Journey in the TechGium Competition by L&T

By: Mohammed Mustafa, Third Year

The TechGium competition, organized by L&T, opened doors for our team, immersing us in the dynamic world of wind turbine design—a realm teeming with challenges and thrills, pivotal in advancing renewable energy. We delved into intricate aspects such as aerodynamics, materials science, and structural engineering to create a wind turbine blade material that not only harnessed the power of the wind efficiently but also addressed sustainability considerations.

The competition allowed us to explore cutting-edge concepts, analyze real-world challenges, and refine our problem-solving skills in the field of renewable energy. We utilized the collective knowledge of our team members, Ashwin V, Aravindhan, Monesh Kumar, and Mohammed Mustafa, to present a well-thought-out and technically sound material composition. While the result might not have been what we anticipated, navigating the intense landscape of sustainable design and development amidst such tough rivalry nationwide has been an eye-opener. the experience has been invaluable, providing insights into the complexities of renewable energy technology and inspiring our commitment to contributing innovative solutions to the landscape of sustainability

ASHWIN V

MONESH KUMAR V A

ARAVINDHAN R

MOHAMMED MUSTAFA A

Alumni Spotlight

Featuring: Shri Harri Viswanathan, Batch of 2021

I am Shri Harri Viviswanathan, an alumnus of SSN College of Engineering, eager to share the next chapter of my academic and professional journey since our shared days at SSN.

I graduated with a Bachelor's degree in Mechanical Engineering in 2021 and ventured further into academia, pursuing a Master of Science (MS) in Mechanical Engineering at Arizona State University. Currently associated with the Ira A. Fulton Schools of Engineering, my focus lies exclusively on heat transfer, where I excel in designing, testing, analyzing, and validating thermal models for battery packs and electronic packages.

In the academic realm, I've fortified my knowledge with coursework in heat transfer-related subjects and proudly secured the New American University Scholarship for both the Spring and Fall semesters of 2022. Additionally, I graduated with distinction, ranking 25th in my university.

The absence of research on Liquid Immersion Cooling of battery packs ignited my curiosity, leading to an in-depth study of the Battery Thermal Management System (BTMS) of electric vehicles. I successfully designed and analyzed a thermal model for a 10Ah battery, achieving a significant reduction in skin temperature through the use of dielectric fluid (STO-50).

Beyond my academic pursuits, I am a multifaceted individual—a trained vocalist, DIY enthusiast, event organizer, shutterbug, and a passionate football fan (Let's go Pats!). Recent concerns about heat-related issues among football players prompted me to delve into human thermal comfort, initiating a project that aligns my engineering skills with real-world challenges.

Currently, I am engaged in a project exploring the impact of human body shape on convective heat transfer. This research, supported by the MORE scholarship, involves developing a comprehensive computational heat flow model using COMSOL and experimental validation using a cutting-edge thermal manikin instrument.

Looking forward to the opportunities and collaborations that lie ahead.
Warm regards,
Shri Harri Viviswanathan

Alumni Spotlight

Featuring: Rohan Paul, Batch of 2020

It's with great pleasure that I share a snippet of my journey from the classrooms of SSN to the fast-paced world of automotive engineering. I am Rohan Paul, a passionate automotive engineer, and it's an honor to reconnect with my alma mater through this newsletter.

My journey began at SSN, where I laid the groundwork for my career with a bachelor's degree in Mechanical Engineering. The zeal for automotive innovation led me to the University of Leeds, UK, where I delved deeper into the intricacies of Automotive Engineering, specializing in Computational Fluid Dynamics, Vehicle Design, and more.

Currently, I'm fully immersed in the fascinating realm of diesel engine aftertreatment systems at Cummins Inc. as an ADI Engineer. My role involves the calibration and tuning of Ammonia Delivery systems, fault code analysis, and troubleshooting of OBD fault codes. It's a challenging yet rewarding experience, and I thrive on making sound engineering decisions by analyzing test data using MATLAB, AVL Concerto, and MS Excel.

I had the incredible opportunity to intern at Volkswagen Motorsport. Working alongside a dynamic team of engineers and technicians, we prepared cars for the Indian Touring Car Championship. My tasks included collecting vital temperature and Camber data to enhance the performance of the cars on the racing circuit. My motorsport journey didn't stop there. As a proud member of Team Precisio, SSN College's official motorsport team, I participated in five intercollege motorsport events at both the national and state levels. Those experiences ignited my passion for motorsports and solidified my commitment to the field.

As I reflect on my journey, I am grateful for the solid foundation provided by SSN College of Engineering. The diverse experiences, both academically and in motorsports, have shaped me into the engineer I am today. I look forward to staying connected with my alma mater and witnessing the continued success of fellow alumni.

Wishing you all the best in your endeavors,
Rohan Paul

SSN Graduation Day

SNU admissions for 2024

Register at the official SNUC admissions website to get updates on 2024-25 SNU Chennai Admissions Schedule.

SNUC Admissions website - Click here

No Competition, No Progress

Plutus

Link: Register here

Sustainability Innovation Challenge:

Link: Register here

From the desk of Ramki – Aspire to Inspire

From Ramki
Happy Morning – Aspire to Inspire

We make the decision to wake up at such and such a time the next morning. We set up the wake-up call. The little gizmo simply responds to our settings by ringing the wake up tone.
But...

Waking up is a mental phenomenon and getting up is a physical phenomenon. Between these two phenomena there is a gap, and that gap lies the first psychological defeat of the day. In the gap between waking up and getting up, the body prevails over the mind. The body.. supposedly the lower convinces the mind.. supposedly the higher; to either overlook the wake-up call or snooze it and sleep a little longer. Instead of mind over body, the scenario becomes body over mind. By surrendering to that gap we begin our day with a defeat of not obeying our own decision.

When we cannot even live up to our own private promises and personal commitments how much can we expect from our life? What can we expect from a day that starts on a defeat?

The very first experience of the day is negative. The very first impression we create every day is that we do not even have control over our own body. Then , where is the question of gaining control over life & others?

Attitudes don't care where we shape them, but once shaped they express themselves in all quarters of our life, either by creating us or destroying us. By postponing and not getting up at the pre-decided time, we develop the attitude of procrastinating. And, this attitude to procrastinate hurts us in all aspects of life.

So, let every day of ours in the year 2024 begin only on a winning note. Let us conquer the gap between waking up and getting up. Let our waking and getting up be simultaneous in 2024.

#WishingMostAndMore

Have a great day & a wonderful new year

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