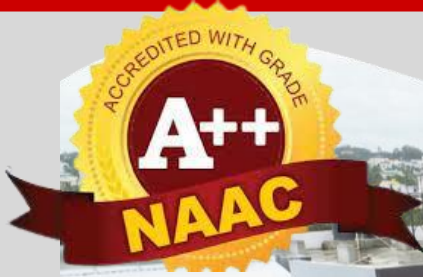


# Monthly Newsletter

November-2023



# MECHRONICLE

Volume - 6

**Department of Mechanical Engineering**

**Atria Institute of Technology, Bengaluru-560024**

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## Industrial Interaction



Industrial Interaction between Managing Director, Mr. Muttu Krish of Universal Tech Automation, Bengaluru and academic representatives of Department of Mechanical Engineering, Atria Institute of Technology, Bengaluru Dr. Venkate Gowda C (HOD), Dr. Srikumar Biradar, and Prof. Sinivasa Chari V, focused on securing opportunities for placements, internships, and projects on 1.11.2023.

## Inaugural Function Faculty Development Program (FDP)



The inauguration of the 3 Days FDP on " Introduction to Modelling and Design for the Manufacturing using Fusion 360" organizing the Department of Mechanical Engineering, Atria Institute of Technology, Bangalore associated with The AUTODESK on 6.11.2023.

Chief Guest: Dr. Anand Pujari, Education Account Manager, AUTODESK Education Experience

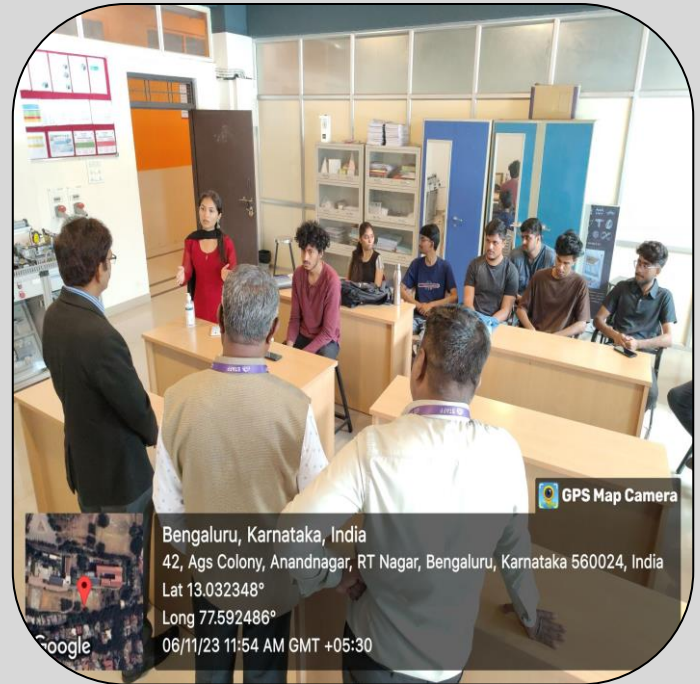
Guest of Honor: Mr. Abhinandan Kabbur, Manager from AUTODESK VTU

Convener: Dr. M S Govinde Gowda, Chairman, BOS, Mechanical (Composite) Board, VTU & Dean-Academics, ATMECE, Mysuru

Presided: Sri. C.S.Sunder Raju, Hon'ble Chairman, Atria Group, Bengaluru



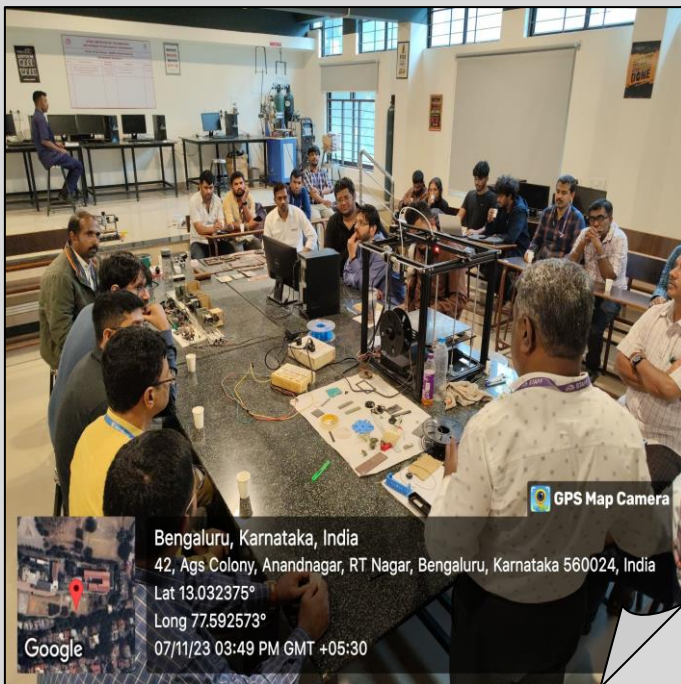
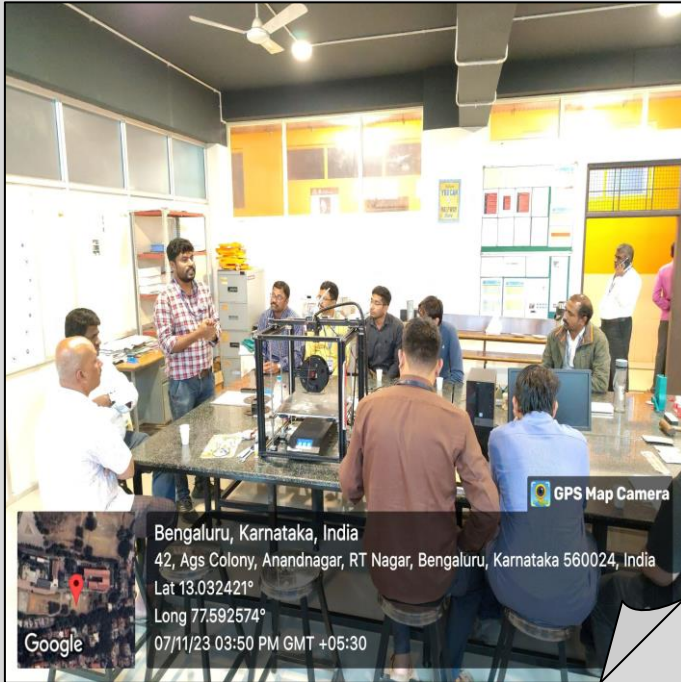
## German Track Students are interacting with Dr. Anand Pujari



Dr. Anand Pujari, the Education Account Manager at AUTODESK Education Experience, is discussing the future technology in Mechanical Industries with our German Track students. Additionally, he is providing motivation for a promising career path. Furthermore, he is addressing the certification courses undertaken by the students as part of the German Track program on 6.11.2023.

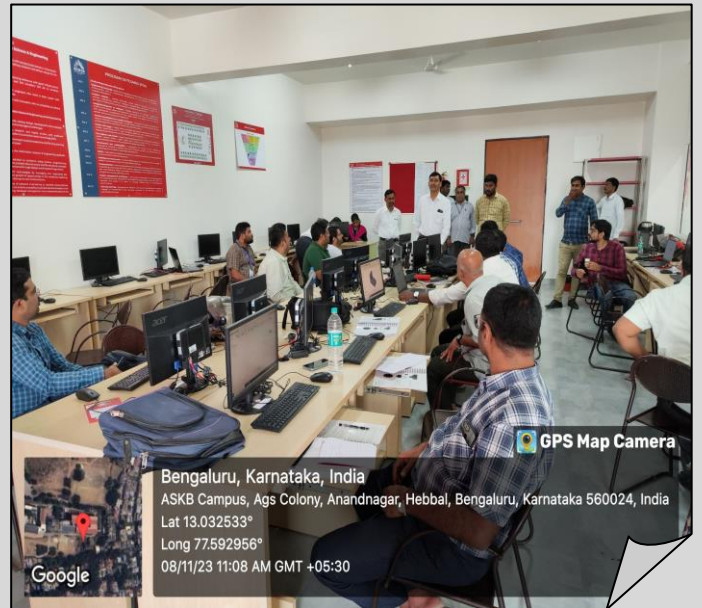


## FDP Participants are visited Centre of Excellence



In the 3 Days FDP "Introduction to Modelling and Design for Manufacturing using Fusion 360<sup>0</sup>" from November 6 to November 8, 2023, participants had the opportunity to visit one of our centres of excellence, the "Additive Manufacturing Lab." Prof. Srinivasa Chari V, overseeing the centres of excellence, particularly the "Additive Manufacturing Lab," shared insights into the research conducted in the field. Participants expressed appreciation for the valuable contributions made by the Department of Mechanical Engineering's centres of excellence.





Dr. Ramesh Pudele, Senior Programmer and India Head, AUTODESK, visited during FDP (Introduction to Modelling and Design for Manufacturing" using Fusion 360 by AUTODESK) on 7.11.2023 during FDOP and taken feed back about the resource person and software "Fusion 360"



Valedictory Function: 8.11.2023 FDP (Introduction to Modelling and Design for Manufacturing" using Fusion 360 by AUTODESK)



## Placements

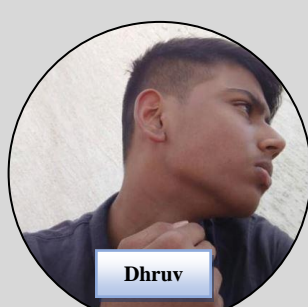


Deepa M, Karthik B and Meghana S, are placed for Q-Spiders during the 2020-2024 batch. This marks an excellent beginning in the Department.

Best wishes from Management, Principal, All HOD (s) of the Department, Dr. Ananth H R, Placement Director, Dr. Srikumar Biradar, Placement Representative from the Department, All T & P staff, Mechanical HOD and All teaching and non-teaching staff.

Furthermore, Accenture placements occurred on 21.11.2023 inside the Atria campus; however, regrettably, no one from the Mechanical Department has been selected.

## Course Completion Certificate from Seimens





The German Track Students have successfully completed the "Siemens Mechatronics System Certification Program" and have received their Siemens certificates on 7.11.2023. Congratulations to everyone for your unparalleled effort in earning this certification. On behalf of the Mechanical Department, heartfelt thanks to the resource person Prof. Praveen Kumar K for his consistent dedication and contributions.

## Project Phase Review-1



Mechanical Engineering students in their 7th semester have successfully concluded Project Review-I under Project Phase-I, presenting their projects in front of the review committee.

Each project team delivered their project proposals exceptionally well, choosing innovative project work that does not currently exist in the market.

On behalf of the Mechanical Engineering Department, we extend our appreciation to the Project Coordinator, project guides, and students for their efforts in choosing innovative project work. We wish them all the best in their project endeavours.

## Department Activity Outside the College





Expanding our outreach for college branding, Atria Institute of Technology, Bengaluru, has extended its services to rural polytechnic colleges. In line with this initiative, a one-day Technical Talk was organized at Sri Siddhartha Polytechnic, Bangarapet, as a means of branding and promotion. The Principal, faculty members, and students of the college displayed keen interest and engaged in fruitful interactions. The Principal personally expressed a desire to allow their students to visit our college. Students from the Mechanical Engineering (ME), Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), and Electrical and Electronics Engineering (EEE) departments actively participated in the event.



## New Team Leader for Atria Family



Dr. Rajesha S appointed as for role of Principal at Atria Institute of Technology, Bengaluru, on November 2, 2023. His academic journey includes a Bachelor's degree in Mechanical Engineering from Mysore University, a Master's degree in Maintenance Engineering from VTU Belagavi, and a Ph.D. from IIT, Roorkee. With a wealth of teaching and research experience across various institutions. Dr. Rajesha S has published his research work through the publication of 23 research articles in esteemed journals. He has actively participated in 23 National and International conferences, securing three Indian patents along the way. His commitment to advancing knowledge is evident in the successful completion of 5 sponsored R&D projects and 6 consultancy projects. Currently, he is overseeing 2 ongoing R&D projects. Under his guidance, 2 students have been awarded Ph.D. degrees, while two others are currently pursuing their Ph.D. studies. Additionally, Dr. Rajesha S has supervised 11 M. Tech Projects. Dr. Rajesha S has been instrumental in organizing numerous conferences, Faculty Development Programs (FDPs), workshops, Smart India Hackathons, and webinars during his tenure. His research interests encompass Advanced Manufacturing Processes, Hybrid Machining Processes, Metal Matrix Composites, Metal Casting, Microwave Metal Processing, and Advanced Welding Technology.

As the Mechanical Department, we consider ourselves fortunate to have such an accomplished leader at the helm of Atria Institute of Technology, Bengaluru. On behalf of the Mechanical Department, we extend a warm welcome to Dr. Rajesha S and express our enthusiasm for his leadership and contributions to our department.



The Department of Mechanical Engineering established a Memorandum of Understanding (MoU) with Medini Technologies Bengaluru on 17th November 2023.

This collaboration encompasses research and development initiatives, training opportunities, and avenues for facilitating placements for students majoring in Mechanical Engineering. This collaboration encompasses research and development initiatives, training opportunities, and avenues for facilitating placements for students majoring in Mechanical Engineering. And also, encompasses research and development initiatives, training opportunities, and avenues for facilitating placements for students majoring in Mechanical Engineering.

## Alumni Visit to the Department



Institute Alumni (2016 and 2022 Batch) have visited the department with great love and affection and they have interacted with students for knowledge transfer.



## Industrial Visit



On November 15, 2023, Dr. Manjunatha C J coordinated an industrial visit for the Mechanical students of both the 7th and 3rd semesters at Rittal Pvt. Ltd. in Doddaballapur.

## Indian Patent



Dr. Harish Kumar N S  
(Owner and Inventor)



Dr. Manjunatha C J  
(Inventor)



Dr. Srikumar Biradar  
(Inventor)

On behalf of the Department of Mechanical Engineering, we extend our congratulations to our esteemed faculty member for successfully filing an Indian patent related to Mining Equipment.



# Wednesday Technical Talks



**Department of Mechanical Engineering**  
Atria Institute of Technology, Bangalore

Activity on  
on  
"Karnataka at 1 Trillion"

Date: 22<sup>nd</sup> November 2023  
Time: 11.15 am to 1.15 pm



**Resource Person**  
**Gagan V Naidu**  
Founder- COSMIC TRIDENT  
Bangalore

**Dr. Manjuntha C J** Coordinator  
**Dr. Venkate Gowda.C** HOD  
**Dr Rajesha S** Principal



**Department of Mechanical Engineering**  
Atria Institute of Technology, Bengaluru

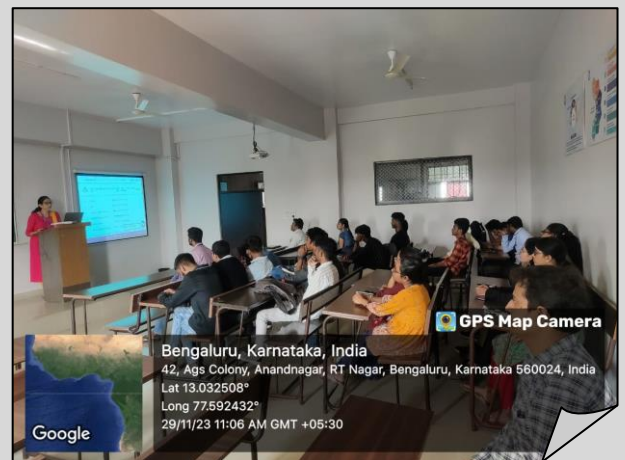
Talk on  
"Library Resources"

Date: 29<sup>nd</sup> November 2023  
Time: 10.45 am to 12.45 pm



**Resource Person**  
**Dr. Usha S P**, Librarian  
Atria Institute of Technology, Bengaluru

**Dr. Manjuntha C J** Coordinator  
**Dr. Venkate Gowda.C** HOD  
**Dr Rajesha S** Principal



**Department of Mechanical Engineering**  
Atria Institute of Technology, Bangalore

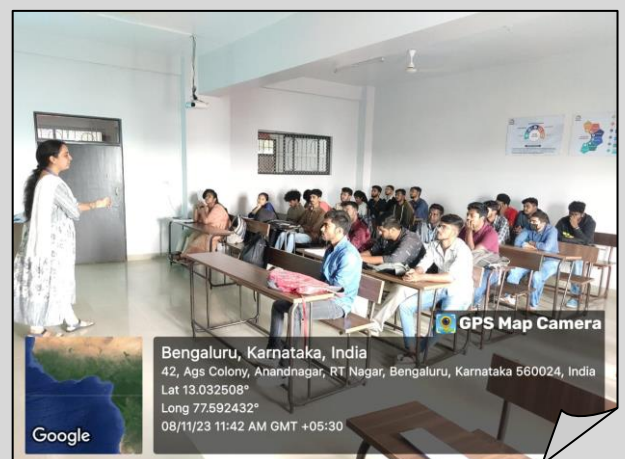
Activity on  
on  
"Pre Requisites to be Design Engineer"

Date: 8<sup>th</sup> October 2023  
Time: 11.15 am to 1.15 pm



**Resource Person**  
**Megha S Patil**  
CAD Engineer  
Cadmaxx Edtech Pvt.Ltd.  
Vijayanagar, Bangalore-560104

**Dr. Manjuntha C J** Coordinator  
**Dr. Venkate Gowda.C** HOD  
**Dr Rajesha S** Principal



The Department of Mechanical Engineering is fascinated about conducting a weekly event known as "Wednesday Activity." This event is scheduled during the 3rd and 4th hours of every Wednesday. Dr. Manjunatha C J, the Coordinator of Wednesday Activity, has arranged 3 technical talks, which will focus on "Karnataka 1 Trillion", "Library Resources" and "Pre Requisites to be Design Engineer".



## R&D Grant Funding



We are proud to announce that the funding of Rs 1,48,000/- has been approved by the CMTI under the Ministry of Heavy Industries to our student from Mechanical Department Gagan V Naidu & team for their project Hydropower Generation, under the guidance of Mr. Chandrashekar GL.

## Deepavali 2023 Gift from the Atria Management



On the occasion of Deepavali 2023, the administration of Atria Institute of Technology, Bengaluru, distributed gifts to all faculty members along with heartfelt best wishes.

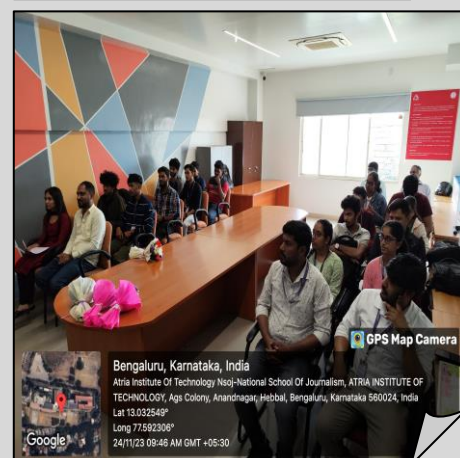
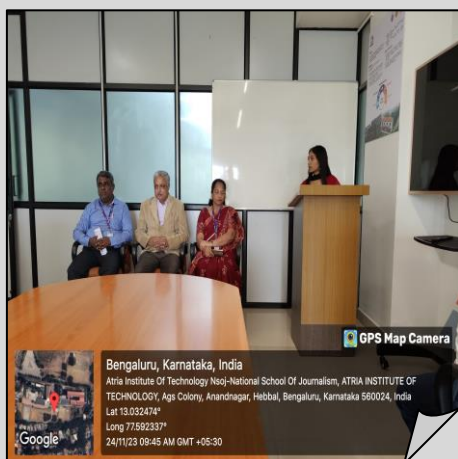
## KGTTI, Bengaluru



Dr. Harish Kumar N S visited Karnataka German Technical Training Institute, Bengaluru, and met with the Director, Dr. Kumar Kenche Gowda. During this meeting, discussions were held regarding internships in Germany for students enrolled in the German track.



# Inauguration Function for German Language (A2 Level)



An inauguration ceremony has been organized for the A2 Level German language course under the Mechanical Engineering ++ German Track on November 24, 2023. The event was attended by Dr. Rajesha S, the Principal, Dr. Nalinakshi N, the Vice Principal, Dr. Venkate Gowda C, the Head of the Department, Mr. Santhosh B D, the Resource Person, Dr. Harish Kumar N S, the German Track Coordinator, as well as teaching and non-teaching staff, and students enrolled in the German track.

# Parents Teacher Meeting



As an academic initiative, the Department of Mechanical Engineering held a Parent-Teacher Meeting on November 25, 2023, for the 7th semester Mechanical Engineering students. This meeting brought great satisfaction to parents, who expressed their happiness and appreciation for the department's efforts.



## Sports



Mr. Ganesh Gowtham and Mr. Darshan, both 7th-semester Mechanical Engineering students, actively took part in the intercollege cricket tournament hosted at the Cambridge Institute of Technology in Bengaluru. On behalf of the Mechanical Department, we extend our heartfelt congratulations to them for their enthusiastic participation and commendable effort in representing our department in the tournament.

## Editorial Team



**Dr. Harish Kumar N S**  
Assistant Professor



**Dr. Venkate Gowda C**  
Professor and Head

## Reach us at

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<https://atria.edu/dept-me.php>  
Email: mechhod@atria.edu