

Résumé

Srinivasa Rao Allam
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Academic Summary:

- **Pursuing Ph.D:** in the Department of Mechanical Engineering as Part-Time Research Scholar at **Andhra University**.
- **Master of Technology in Mechanical (CAD/CAM)** from **G.V.P College of Engineering** (affiliated to **JNTU, Kakinada**), Visakhapatnam with an aggregate of **74%** during **2008-10**.
- **Bachelor of Engineering in Mechanical Engineering** from **Sanketika Vidhya Parishad Engineering College** (affiliated to **Andhra University**), Visakhapatnam with an aggregate of **67.53%** during **2004-08**.
- **Intermediate (10+2)** from **M.N.R College**, Visakhapatnam with an aggregate of **82.80%** in **2003**.
- **S.S.C / 10th Class** from **A.T.College**, Visakhapatnam with aggregate of **66.5%** in **2001**.

Technical Skills:

- **Modeling Tool: CATIAV5R17,**
- **Meshing Tool: Hyper mesh 10.0**
- **FEA Tool: Ansys 11.**

Academic Project Summary:

1. As a part of my Post Graduation (M.Tech) I have a done a Project for a period of **8** months

Title	Static and Dynamic Analysis of Composite Propeller
Tools Used	CATIAV5R17 for Modeling HYPERMESH 10.0 for Meshing Ansys 11 As a Solver.
Organization	NSTL (Naval Science And Technological Laboratory), a unit of the Defense Research and Development Organization in Visakhapatnam

2. As a part of my Graduation (B.Tech) I have a done a Project

Title	Design and Analysis of FRP Leaf Spring
Tools used	CATIAV5R17, ANSYS

Experience:

- **Assistant Professor:** GVP College of Engineering for Women from **Nov 2011 to till date** ::

Subjects Taught:

- Engineering Drawing
- Engineering Mechanics
- Thermal and Hydro Prime movers
- Electrical and Mechanical Technology
- Basic Civil and Mechanical Engineering
- Product Design and Development
- Industry 4.0

Areas of Interest:

- Additive manufacturing (3D printing), Composites
- Design of Machine Elements

Workshops/Short Term Courses/ Webinars Attended :

- One week Online Faculty Development Program on “Advancements in Mechanical Engineering” organized by Lakireddy Bali Reddy College of Engineering, Krishna (Dt.), Andhra Pradesh during 19th - 24th June, 2023.
- Five-day online Short-term training program (STTP) on Applications of Soft-computing Techniques and Numerical Modelling in “Additive Manufacturing and Materials Processing” organized by **Sardar Vallabhbhai National Institute of Technology Surat** during 17th-21st December 2022.
- Five-day online workshop on “Advances In Mechanical Engineering For Biomedical Applications” Organized by Department of Mechanical Engineering, **National Institute of Technology Karnataka (NITK), Surathkal** during 11th July to 15th July 2022.
- Five Day National Level Online Faculty Development Program on “Polymer Composites for Industry 4.0” organized by the Department of Mechanical Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, during 13th June to 17th June 2022.
- Two weeks (40 Hrs) Online Faculty Development Program on “MATLAB Programming for Additive Manufacturing and 3D Printing (MPAM)” jointly organized by the **Electronics and ICT Academies at IIT Guwahati, MNIT Jaipur, NIT Patna and PDPM IITDM Jabalpur** during September 20 to October 1, 2021.
- Online Faculty Development Program on “Additive Manufacturing Process and its Applications” Organized by Sri Manakula Vinayagar Engineering College, Puducherry during 23rd August 2021 to 28th August 2021.
- Online Faculty Development Program on “Hands on Experience on Nano-hybrid Composite Materials Characterization and application” Organized by VNR vignana jyothi institute of Engineering and Technology, Telangana during 9th August 2021 to 13th August 2021.
- Online Webinar on “Electric Vehicles (Automotive Trends in Transformation from ICE Car towards Electrical)” organized by BIT Sindri, Dhanbad, Jharkhand on 16th, July 2021.
- Online Faculty Development Program on “Recent Developments In Materials Manufacturing and Thermal Applications” Organized by Karpagam Academy of Higher Education during 7th June 2021 to 12th June 2021
- Online Webinar on “3DP, CAE and IOT technology enabled product engineering and innovation conclave” organized by Paavai Engineering College In Association with WIPRO – 3D on 27th, May 2021.

- Online Webinar on "Potential Multifold of Additive Manufacturing in India with Business Case Study" on 24th, May 2021 organized by Arasu Engineering College, Tamil Nadu.
- Online Webinar on "Additive Manufacturing : Application, Challenges and Future Scope", on 22nd, May 2021 organized by Vignan Institute of Technology and Science, Deshmukhi.
- Online Webinar on "Super Alloys and their Importance" .on 20th, May 2021 organized by Arasu Engineering College, Tamil Nadu.
- Two weeks AICTE Sponsored Online Faculty Development Program on "Frontier of 3D Printing Technology and Its Industrial Applications" organized by Lakireddy Bali Reddy College of Engineering, Andhra Pradesh from January 25- February 6, 2021.
- AICTE Sponsored Online Short Term Training Program on "Surface Characterization and Treatments in Tribology" organized by Saintgits College Of Engineering, Kerala from November 23- 28, 2020.
- AICTE Sponsored Online Short Term Training Program on "Recent Advances In Tribology And Surface Engineering" organized by Saintgits College Of Engineering, Kerala from October 12 - 17, 2020.
- Online Faculty Development Program on "Architectural design using Sketch up" conducted by ICT Academy during 21st Sep 2020 to 25th Sep 2020.
- Online Short-Term Course on 'Computational and Experimental Studies on Failure Of Materials' organized by **Dr B R Ambedkar National Institute of Technology Jalandhar**, Punjab from September 13-17, 2020.
- Online Short-Term Course on 'Contemporary Material Technologies' organized by **Dr B R Ambedkar National Institute of Technology Jalandhar**, Punjab from September 8-12, 2020.
- AICTE Sponsored Online Short Term Training Program on "Synthesis Characterization and its application of Nano Materials" organized by **Jawaharlal Nehru Technological University Hyderabad** from 24th – 29th, August 2020.
- One-week TEQIP-III sponsored online short-term course on "Aspects of Modern Optimization Techniques in Science and Engineering(AMOTSE)", organized by **National Institute of Technology, Arunachal Pradesh and Government College of Technology Coimbatore**, Tamil Nadu during 17th-21st-August-2020.
- Five Day Online Faculty Development Programme titled "Advances in materials Engineering and Sustainable Manufacturing " organized by Federal Institute Of Science and Technology, Kerala from 10th August 2020 to 14th August 2020.
- One Week Online Workshop on "Interdisciplinary Approach of Tribology in Engineering and Biomedical Research" organized by **National Institute of Technology Silchar, Assam** under the aegis of TEQIP -III during August 04-08, 2020.
- Five Day Online Faculty Development Programme titled "Research Methodologies in Mechanical Engineering (A Refresher Approach)" organized by Narsimha Reddy Engineering College from 30th July 2020 to 01st August 2020 & 03rd August 2020 to 04th August 2020.
- One Week Online Faculty Development Program on "Recent Advances in Thermal Science and Management" Conducted by VNR Vignana Jyothi Institute Of Engineering and Technology from 27th July, 2020 to 31st July, 2020.

- Four Days Online International Faculty Development Programme (FDP) on “Solar Energy Applications” Organized by Hindusthan College Of Engineering And Technology Coimbatore from 14th - 17th July 2020.
- One Week Online Short Term Course on “Industry 4.0 and Smart Manufacturing: Opportunities and Challenges” organized by **Dr. B.R. Ambedkar National Institute of Technology, Jalandhar**, India from 20 - 24 July, 2020 under TEQIP-3.
- National-Level Webinar on “Augmented Reality ” on July 18, 2020 organized by K. J. Somaiya Institute of Engineering and Information Technology Mumbai, Maharashtra.
- International Webinar on “Numerical Modeling Applications in Dynamics and solid Mechanics” July 17, 2020 organized by Lingayas Vidyapeeth, Haryana.
- National-Level Webinar on “3D Printing” on July 15, 2020 organized by K. J. Somaiya Institute of Engineering and Information Technology Mumbai, Maharashtra.
- The Webinar on “Hybridisation of Energy Storage Systems in Electric Vehicles” on 13th July 2020, Organized by Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor, Andhra Pradesh.
- Online Faculty Development Program on “Scaling Remote Learning to Conventional Mode : A Research Outcome Of Educational Technology ” organized by GIET Engineering College , Rajahmundry, Andhra Pradesh on 11th ,July 2020.
- Online Certificate Course on “ Digital Teaching Techniques” organized by ICT Academy from 29 Jun 2020 to 04 Jul 2020.
- Insightful Fridays of Sky campus Digital Knowledge Webinar Series on 26 Jun 2020 by ICT Academy.
- Three Day Faculty Development Program on “Significance of Chemistry and Physics in Nano science and Engineered Materials” organized by Nadimpalli Satyanarayana Raju Institute of Technology, Visakhapatnam from 25th to 27th June 2020.
- Faculty Development program course (FDP) on “Manufacturing of Composites”, NPTEL - AICTE, Aug-Sep 2018.
- Faculty Development program course (FDP) on “Advanced Composites”, NPTEL- AICTE, July-Oct 2018.

Membership of Professional Bodies:

- Life Member, Indian Society for Technical Education (ISTE)
- Life Member, International Association of Engineers (IAENG)

Personal Profile:

Gender	Male
Nationality	Indian
Languages Known	English, Telugu

Address for Communication:

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Visakhapatnam –530016, AP

Declaration

I hereby declare that all statements made herein are true to best of my knowledge and belief. In case any of the particulars furnished by me are found to be false at any stage, my candidature is liable to be summarily rejected.

Place: Visakhapatnam

A. Srinivasa Rao

Date:

SRINIVASA RAO ALLAM