

Name of Faculty Dr N V SRINIVASULU
 Designation Professor
 Nature of Job/Appointment REGULAR
 Date of Joining 05 – 01 - 1998
 E-mail nvsrinivasulu_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of philosophy (Mechanical Engineering)	Awarded
PG	M.Tech (Plant Engineering & Management) M.Tech (CAD/CAM)	First
UG	B E (Mechanical Engineering)	Distinction

Work Experience

Teaching	30 years (includes research experience)
Research	8 years
Industry	0 years
Others	0 years

Area of Specialization Composites, Vibrations, Industrial Engineering.

Professional Memberships Life Member ISTE

Responsibilities held at Institution Level

1. Organized International conference CMES-2009 at CBIT.
2. Organized International conference TIME-2016 at CBIT.

Responsibilities held at Department Level

1. Member BOS, Department of Mech Eng., CBIT
2. Member PAC, Department of Mech Eng., CBIT
3. Represented Department for NIRF
4. Represented Department for IIC
5. Represented Department for NAAC
6. Represented Department for IQAC.
7. In charge for Workshop from three years.

Research Guidance

No. of Scholars - 9 students registered for Ph.D. in OU, JNTU

Awards received

Jyothish maharishi samman award , 5th national distant astro web workshop 2021, organized by Indian vastu and astrological research centre on 1st july, 2021, thyagaraya gana sabha, Hyderabad.

Courses Handled at Under Graduate / Post Graduate Level.

Engineering Drawing,
 Strength of Materials,
 Fault Diagnosis and Condition Monitoring,
 Machine Drawing,
 Production Drawing,
 Entrepreneurship,
 Research Methodology,
 Intellectual Property Rights,
 Engineering Graphics,
 Control Systems,
 Refrigeration and Air Conditioning,
 Mechanical Technology,
 Elements of Mechanical Engineering,
 Principles of Management.

No. of Papers Published	National Journals – ---	International Journals –23
	National Conference – 9	International Conference – 12
Projects Carried out	<ol style="list-style-type: none"> 1. Consultancy worth about 1,4 lakhs from Hyderabad central University by organizing training programs to research scholars at HCU, Hyderabad 2. Sanctioned 0.93 lakhs by AICTE for Organizing two week online ATAL FDP on molecular manufacturing for faculty in October 2021. 3. Reviewer for AICTE to review questions in mechanical engineering of SLA project. 4. Organized International conference on computational methods in Engineering sciences (CMES2009) at CBIT, Hyderabad from January 6-9, 2019. 5. Organized International conference on Technological Innovations in Mechanical Engineering (TIME 2016) at CBIT, Hyderabad from February, 2016. 	
Patents	-----	
Technology Transfer	-----	
Invited Speaker (Few Important/Prominent)	<ol style="list-style-type: none"> 1. Guest lecture on smart materials at FDP on recent trends in advanced materials science and engineering technology, by department of chemistry, CBIT, from 8-12, march 2021. 2. chaired the session for the event “PAPER PRESENTATION” during MECHANICA-2021 on 3rd March 2021 at Chaitanya Bharathi Institute of Technology (A), Hyderabad – 500 075, Telangana, India. 3. Guest Lecture on the topic Stress management and remedies from occult sciences On 21/10/2021 in the one week AICTE sponsored online ATAL FDP on MOLECULAR MANUFACTURING, organized by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana, during 19-23, October 2020. 4. Delivered expert lecture on Engineering drawing on 30.1.2020 at St. Johns college of Engineering., yemmiganur. 5. Expert lecture on 31.1.2020 on IPR awareness at St. Johns college of Eng., Yemmiganur, Kurnool dist. 6. Expert lecture on IPR awareness to all final year engg students at BITS, Kurnool in May 2018 7. Expert lecture for first year students on ENGINEERING DRAWING at CMRIT, HYDERABAD, on 23.3.2017. 	
No. of Books/Chapter Published with details	<p>Published Book Titled “Book Collection of PhD Theses Guided by Dr. Chellapilla Kameswara Rao (10th December 2019)</p> <p>1979</p> <p>Organized FDP</p> <ol style="list-style-type: none"> 1. Organized one Week Online Faculty Development Program (FDP) on “INDUSTRY 4.0 – A Vision of Design And Manufacturing”, organized by the Department of Mechanical Engineering CBIT during 16-06-2020 to 20-06- 2020. 2. FDP on Finite element Method for mechanical and civil engineering was organized at CBIT under TEQIP in 2018. 	
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).	<p>Attended Online FDP/STTP/Coursera/Quiz/COVID-19</p> <ol style="list-style-type: none"> 3. One-week National Level Faculty Development Program on “Renewable Energy for Sustainable Development” from 1 to 5 , March-2022., organized by BHARATRATNA INDIRA GANDHI COLLEGE OF ENGINEERING, SOLAPUR. 4. One week online SERB international workshop on recent 	

- advances in modelling analysis of porous materials RAMAPM-2022 from 28-2-2022 to 4-2-2022., organized by NITK, suratkal.
5. One Week Virtual International Faculty Development Programme on Smart Tools and Methodologies for Academic Research, organized by MGIT, Hyderabad from 1-5, August 2022.
 6. "Scope for Interdisciplinary Research" held on 06 May 2022 organized by Research & Development Centre and Department of Information Technology, Chaitanya Bharathi Institute of Technology (A), Hyderabad -500 0075, Telangana.
 7. One Week Online Faculty Development Programme on Recent Trends in Robotics (RTR-2021) organized by Department of Mechanical Engineering, Vasavi College of Engineering from 06th to 10th December 2021
 8. Certificate from IIC of MHRD's Innovation cell on "Online Sessions to promote Innovation, IPR, Entrepreneurship, & Start-ups among HEIs" conducted from 28th April to 22nd May 2020
 9. One-week STTP on "MATLAB based teaching- Learning in Mathematics Science and Engineering" Conducted by D. Y. Patil University, Navi Mumbai during 18th to 22nd May 2020.
 10. Coursera Course titled "MATLAB Onramp" completed on 05th May 2020.
 11. Online Training on IOT from 30/04/2020 to 02/05/2020 organized by MSME Technology Development Centre Agra.
 12. One-week FDP titled "CYBER SECURITY" conducted by Vikas College of Engineering and Technology, from 23/05/2020 to 27/05/2020.
 13. One-week FDP titled "Outcome based Education: A step towards Excellence" conducted by Government college of Engineering, KARAD, Maharashtra, under Margadarshan scheme of AICTE, from 11th to 15th May 2020.
 14. Online FDP "Emerging technologies in Robotics", conducted by Malla Reddy engineering college, Hyderabad from 26th to 30th May 2020.
 15. One week Online FDP titled "IOT for emerging Applications" conducted by KITS, Warangal, from 10th May to 14th May 2020.
 16. One-week FDP titled "PHP and My SQL" conducted by JNTUH college of Engineering Jagtial from 18th to 23rd May 2020.
 17. One-week FDP titled "Data Science using R Programming" conducted by Mahaveer Institute of Science and Technology, Hyderabad from 12/06/2020 to 17/06/2020.
 18. One-week FDP titled "Outcome based Education and NBA accreditation Process conducted by CBIT, Hyderabad from 28/05/2020 to 01/06/2020.
 19. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 09th May 2020 with Prof. D. P. Singh.
 20. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 02nd May 2020 with Dr. Abhay Jere.
 21. Webinar on "Digital Transformation" on 12th May organized by Storm Overseas.
 22. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 16th May 2020 with Dr. Pramod Chaudhari.
 23. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 16th May 2020 with Mr. Mahesh Babu, CEO, Mahindra Electric Mobility Ltd.
 24. Certificate of Participation for the Webinar titled Artificial Intelligence methods for energy auditing and electronics engineering", conducted by EEE department, CBIT during 21/05/2020 to 23/05/2020.
 25. Certificate of Appreciation for Online Faculty program on NBA, Conducted by Bharathi Vidyapeeth college of Engineering,

Navi Mumbai on 13/05/2020.

26. Certificate of Appreciation for "AutoCAD Quiz ", Conducted by B.S.C Engineering and Research, PUNE on 25/05/2020.
27. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 20th June 2020 with Sri Sridhar Venkat, CEO, Akshay Patra Foundation.
28. Five days hands on Workshop, titled "Patent searching, drafting and filing" conducted by PANIMALAR INSTITUTE OF TECHNOLOGY, Chennai under IEEE Computer society and Computer society of India from 29/05/2020 to 02/06/2020.
29. Certificate of Participation from MHRD's Innovation Cell, India's first leadership talk Webinar on 06th June 2020 with Ms. Ashwini Deshpande.
30. Course on LaTeX training organized by Kakatiya University, in January 2020 semester provided by Spoken Tutorial project, IIT Bombay on 30th May 2020.
31. Certificate of Appreciation for participating in COVID-19 Awareness Program Conducted by JNTUH College of Engineering, Jagtial, Telangana.
32. Attended webinar on Innovation, IPR, Entrepreneurship and Start-Ups Among HEI from 28th April to 22nd May 2020, organized by IIC online session.
33. Participated in quiz on Research Methodology, organized by Gurunak Institute of Technology, Hyderabad, from 4.7.2020 to 5.7.2020.
34. Attended FDP on optimization techniques and tools for mechanical engineers, organized by SNIST, HYDERABAD, from 22-27, June 2020.
35. One-week FDP on advanced materials and manufacturing, KITS, WARANGAL, 29.6.2020 to 3.7.2020.
36. One-week FDP on advancements in manufacturing and optimization techniques, from 22-26, June 2020, organized by Jayamukhi Institute Of Technological Sciences, Warangal.
37. One-week FDP ON ONLINE – INNOVATIVE teaching pedagogy in the technical institutions, by MVPS, KBT college of engg, Nashik from 1.6.2020 to 5.6.2020.
38. Five days FDP on workshop on patent searching, drafting and filing, from 29-5-2020 to 2-6.2020, by Panimalar institute of technology, Chennai.
39. One-week FDP on cybersecurity from 28.5.2020 to 1.6.2020, by SNIST, Hyderabad.
40. One-week FDP on recent advances in material characterization from 23.5.2020 to 28.5.2020, by NITTTR, CHANDIGARH.
41. One-week FDP on drone view hotspots in mech. Engineering from 25-29, May 2020, by St. Peter's Inst. Of higher education and research, Hyderabad.
42. One-week FDP on cybersecurity from 23.5.2020 to 27.5.2020, by VIKAS, Vijayawada.
43. Attended training on effective and efficient online teaching in the age of corona, a hands-on workshop, organized by teaching learning center (ICT) at IIT Bombay on 17.5.2020.

Online courses organized:

1. Organized National technical level quiz on Engineering Drawing for faculty and students from 6.6.2020 to 9.6.2020.
2. Two-week online course on Introduction to Vaastu from 8.6.2020 to 20.6.2020 for faculty, students and working professionals across the country, for awareness on Vaastu effect to help the society.
3. Organized three online webinars on vastu, astro and general tips to become billionaire to help the society on 6.7.2020.
4. Organized FDP course for faculty on Industry 4.0 at CBIT, Hyderabad from 16.6.2020 to 20.6.2020.
5. Organized second batch on introduction to Vaastu from 9.7.2020 to 20.7.2020 for all the persons across the globe for awareness on Vaastu effect to help the society.

COURSERA and other online FDP COMPLETED:

6. FEA course
7. English for better career from GlobSyn business school on line
8. Python for every one getting started online
9. AutoCAD online
10. Industry 4.0, Georgia institute of technology.
11. Understanding Research Methods, university of London
12. Performance Management And Competency Mapping., GlobSyn business school on line, on 16.5.2020.

**Details of Journal Publications/
Conferences (National and
International)
International Journal**

1. Balu Maloth , N. V. Srinivasulu, and R. Rajendra , Fabrication and Characterization of E-glass Fabric Composites Using Amine-Terminated Butadiene Acrylonitrile, Springer Nature Singapore Pte Ltd. 2020
2. Balu Maloth , N. V. Srinivasulu, and R. Rajendra Influence of titanium oxide fillers on the tensile and flexural properties of E-glass fabric/epoxy composites, *Materials Today: Proceedings* 27 (2020) 1073–1078
3. Saikumar Amda, Prof. N.V. Srinivasulu, Dr.L.Sivarama Krishna, Optimal Techniques in Design Development by Using CAD/E Tools, 1st International Conference on Developments in Sustainable materials, Manufacturing and Energy engineering-(ICDSME-2021) on April-03/04-2021
4. N.V. Srinivasulu, Balu Maloth, R. Rajendra, Effect of Barcol Hardness Properties on Titanium Oxide and Amine-Terminated Butadiene Acrylonitrile Nano Filler Materials, 1st International Conference on Developments in Sustainable materials, Manufacturing and Energy engineering-(ICDSME-2021) on April-03/04-2021.
5. Ajmeera Ramesh, N.V. Srinivasulu, M. Indira Rani, Effect of Functionalized Multiwalled Carbon Nanotube on the Micro Hardness and Water Absorption Properties of Okra Cellulose Nanofibers/Epoxy Nanocomposites, 1st International Conference on Developments in Sustainable materials, Manufacturing and Energy engineering-(ICDSME-2021) on April-03/04-2021
6. Bantu. Sailesh, Dr. N.V Srinivasulu, Dr. Narsimhulu Sanke, Fuel Additives and its Effects on A 4-Stroke C.I Engine Based on Blended Neem Oil Biodiesel and Diesel: A Review, 1st International Conference on Developments in Sustainable materials, Manufacturing and Energy engineering-(ICDSME-2021) on April-03/04-2021.
7. M Balu,, N. V. Srinivasulu, , R. Rajendra, Effect Of Ply Orientation On A Carbon Fiber Composite Angular Beam Manufacturing, *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)* ISSN(P): 2249–6890; ISSN(E): 2249–8001, Vol. 10, Issue 2, Apr 2020, 615–624.
8. M. Balu, N.V.Srinivasulu, R. Rajendra, A.Ramesh, “Effect Of Ply Orientation On A Carbon Fibre Composite Angular Beam Manufacturing”, *IJMPERD*, ISSN: 2249-6890, Impact Factor(2019) 8.8746, Icv 60.6, Vol 10, Issue 2, April 2020.
9. N.V. Srinivasulu and M.V.S. Murali Krishna, “EXPERIMENTAL INVESTIGATIONS ON EXHAUST EMISSIONS INSULATED DIESEL ENGINE FUELLED WITH COTTONSEED BIODIESEL”, *International Journal of Mechanical Engineering and Technology (IJMET)*, Volume 13, Issue 5, (May 2022). ISSN Print: 0976 – 6340 / ISSN Online: 0976 – 6359
10. M. Balu, N.V.Srinivasulu, R. Rajendra , “Fabrication and Characterization of E- Glass Fabric Composites using Amine Terminated Butadiene Acrylonitrile”. *IJIET*, may 2020.
11. Ajmeera Ramesh, N.V. Srinivasulu, M. Indira Rani, Development and evaluation of water absorption, compression and impact properties of okra Nanofibrillated cellulose reinforcement in epoxy resin composites, *Materials Today: Proceedings* 19 (2019) 748–754, SCIENCE DIRECT.
12. Ajmeera. Ramesh, Dr. N.V. Srinivasulu, Dr M. Indira Rani , Effect of Functionalized Graphene on the Mechanical Properties of Okra Cellulose Nanofibers/Epoxy Nanocomposites , *International Journal of Engineering and Advanced Technology (IJEAT)*, ISSN: 2249 – 8958, Volume-X, Issue-X.
13. Balu Maloth ,N.V. Srinivasulu , R. Rajendra , Influence of Titanium Oxide Fillers On The Tensile And Flexural Properties of E-Glass Fabric/Epoxy Composites, *Materials Today: Proceedings.*, 2020
14. Ajmeera. Ramesh, Dr. N.V. Srinivasulu, Dr M. Indira Rani, Extraction, Preparation, And Characterization of Nanocellulose From Okra Plant Fibers" submitted to the *Journal of Industrial Textiles.*,2019.
15. M. Indira Rani, Ajmeera Ramesh, K. Ramu, N.V. Srinivasulu, Multi Response Optimization of

Process Parameters in Drilling Operation for Jute and Basalt Fabric Composite Material, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019.

International Conferences:

1. M Balu, N. V. Srinivasulu, R. Rajendra, Improvements in Mechanical Properties of E-Glass Woven Fabric Composites using Amine Terminated Butadiene Acrylonitrile, material today, ICALMS2020 (First International Conference on Advanced Light-weight Materials and Structures).
2. M Balu, N. V. Srinivasulu, R. Rajendra, Influence of Titanium Oxide fillers on the Tensile and flexural Properties of E-Glass Fabric/Epoxy Composites, Materials Today: Proceedings,15-FEB-2020, DOI information: 10.1016/j.matpr.2020.01.462.
3. E. Sadanandam, N V Srinivasulu, "Fabrication Of Surface Composites By Friction Stir Processing- A Review, "first international conference on recent trends in engg materials, management and science (ICRTEMMS-2018) , SBIT, KHAMMAMM, 25-27, OCTOBER.2018.
4. Ajmeera. Ramesh, Dr. N.V. Srinivasulu, Dr M. Indira Rani ,Extraction Of Cellulose Nano Fibers And Development Of Nano Cellulose Fiber Composites - A Review, Proceedings of the 1st International and 18th ISME Conference, February 23–25, 2017 at NIT Warangal.

National Conferences

1. Saikumar amda, N V Srinivasulu, National conference IPDIMS-2021, 3rd innovative product design and intelligent manufacturing systems, A review of tolerant analysis approaches in mechanical assemblies, 30-31,December 2021, at NIT rurkela.
2. N.V.Srinivasulu, M.Balu, A.Ramesh, "Functionally Graded Materials (FGM)-Their Production Methods and Applications, AGI National conference, NCETMCE, Hyderabad, 24-25, Jan.2019.
3. Dr N.V.Srinivasulu, Dr.G.Laxmaiah, P.Kiran Kumar, National conference, "Support By State And Central Government For Innovation And Entrepreneurship Development In India",2018 at Belgaum, April 27-28.

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