

RESUME

SNEHITA KILARI

Mail: snehitakilari@gmail.com

Mobile: +91-7382789837

Google Scholar: <https://scholar.google.com/citations?user=41va-lQAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=58191878600>

Web of Science: <https://www.webofscience.com/wos/author/record/ABW-9289-2022>

ORCID: <https://orcid.org/0000-0002-4122-3644>

Research Gate: https://www.researchgate.net/profile/Snehita_Kilari/publications

PROFILE

- Graduated M.Tech, Mechanical Engineering (CAD/CAM) from R.V.R.& J.C. College of Engineering, Guntur, in 2014.
- Graduated B.Tech, Mechanical Engineering from R.V.R.& J.C. College of Engineering, Guntur, in 2012.
- Working as Assistant Professor in the Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering (Autonomous), since 2nd August, 2014.

Education	Institution	Year of Passing	Marks in %
M.Tech (CAD/CAM)	R.V.R. & J.C College of Engineering, Guntur	2014	9.35 CGPA
B.Tech (Mechanical Engineering)	R.V.R. & J.C. College of Engineering, Guntur	2012	75 %
Intermediate (M.P.C.)	Sri Chaitanya Junior College, Hyderabad	2008	88 %
S.S.C.	Nandana Grameena High School, Guntur	2006	89 %

SHORT TERM COURSES (STC/QIP)

- Participated in Karyashala High-End Research Training Programme under SERB accelerated vigyan program GOI – “**Material Science in Additive Manufacturing**” from 12th to 18th June 2023 organized by Mechanical Engineering Department, **National Institute of Technology Warangal (NITW)**
- Participated in AICTE sponsored one week QIP Short Term Course on “**4D Printing on Smart Manufacturing**” from 28/06/2021 to 03/07/2021 online by Mechanical Engineering Department, National Institute of Technical Teachers Training and Research (**NITTTR**) Chandigarh
- Participated in “**Summer Faculty Research Fellowship (SFRF) - 2019**” program organized by **IIT DELHI** during 13th May,2019 to 22nd Jun, 2019

- Participated in AICTE sponsored short term course (QIP) on **"Analysis of Modern Manufacturing Processes"** organized by the Department of Mechanical Engineering from 7th Jan,2019 to 11th Jan, 2019 at **IIT BOMBAY**
- Participated in AICTE sponsored short term course (QIP) on **"Ultra High Precision Machine Tools - Design and Characterization"** organized by the Department of Mechanical Engineering from 5th march 2018 to 10th march 2018 at **IIT MADRAS**
- Successfully completed an NPTEL online 8 week course with an **ELITE certificate** on **"FLUID MACHINES"** organized by **IIT KHARAGPUR** from Feb - Mar 2018.
- Participated in AICTE recognized short term course organized by NIT, Chandigarh on **"Product Design and Development Through ICT"** conducted by Mechanical Engineering Department FROM November 6, 2017 to November 10, 2017 at RVR & JC college of engineering.

RESEARCH PAPERS PUBLISHED (JOURNALS/CONFERENCES)

- Kode Srividya, Seelam Pichi Reddy, Kurra Hari Prasad, Naga Sai Rama Krishna Thati, Kilari Snehlita, Unnam Sai Pranay, Naga Venkata Sairam Yellapragada on **"Optimization of Process Parameters for Preparation of Lanthanum Hexa-Aluminate Powders Using Combinatorial Approach of Taguchi-GRA and ACO Methods"** in International Information and Engineering Technology Association (IETA)- Annales de Chimie. Science des Materiaux in February 2023, Volume 47, Issue 1 <https://doi.org/10.18280/acsm.470106>
- Snehlita Kilari, P. Anantha Lakshmi, Pallavi Uppala presented a paper on **"Green Energy - Utilization and Barriers of Solar and Hydro Power Technologies"** International Conference on Advances in Renowned Renewable Energy Technologies (ICARRET) on 23rd& 24th October 2019 in Velagapudi Ramakrishna Siddhartha Engineering College , Vijayawada, AP, India and published the same in **International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)** - ISSN(P): 2249–6890; ISSN(E): 2249–8001 Vol. 10, Issue 3, Jun 2020, 1677–1684
- Snehlita Kilari, V.Praneetha, S.Vikas Deep, T.Ajay , M.Veda , S.Brahmmam, PSK on **"Design & Fabrication of Tri-Wheel Stair Case Climbing Hand Trolley"** in International Journal of Engineering Trends and Technology IJETT in 2019 | Volume 67 Issue 7 Pages 4
- C. Tarasasanka , K. Snehlita, KR, D. Sameerkumar on **"Optimization of dry sliding wear properties of AZ91E/ nano Al₂O₃ reinforced metal matrix composite with grey relational analysis"** in International Journal of Engineering, Science and Technology in 2019 | IJEST Volume 11 Issue 4 Pages 41-48
- Snehlita Kilari, TaraSasanka C, K.G.S.V.Manikanta on **"Design and Finite Element Analysis of Disc Brake with different materials for passenger car"** in 2018 IJRTI | Volume 3, Issue 8 ISSN: 2456-3315

FACULTY DEVELOPMENT PROGRAMMES (Participated)

- Participated in two day International Webinar on **“Global Warming and Climate Change”** organized by IICChE Amaravati Regional Center in association with all student chapters under IICChE ARC on 12/11/2021 to 13/11/2021
- Participated in One week National level Intercollegiate Online Faculty Development Program on **“Outcome Based Education & Bloom’s Taxonomy”** organized by the Internal Quality Assurance Cell of Ramakrishna Mission Vivekananda Centenary College (Autonomous), Kolkata in association with IPSR solutions limited from 08/11/2021 to 15/11/2021
- Participated in AICTE Training and Learning (ATAL) Academy Online Advanced FDP on **“Additive Manufacturing: Current Trends And Prospects Towards Developing AM Research”** from 25/10/2021 to 29/10/2021 at Indian Institute of Technology Kanpur
- Participated in AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“Processing of Novel Materials”** from 20/09/2021 to 24/09/2021 at Indian Institute of Technology (Bhu) Varanasi
- Participated in AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“Advancements in Computational Fluid Dynamics”** using FLUIDYN from 2021-06-07 to 2021-06-11 at Alliance University.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on **“3D Printing & Design”** from 5-10-2020 to 9-10-2020 at University Visvesvaraya College of Engineering.
- Participated in AICTE Training and Learning (ATAL) Academy Online FDP on **“3D Printing & Design”** from 19-10-2020 to 23-10-2020 at Indian Institute of Information Technology, Design and Manufacturing Kurnool.
- Participated in Two Week AICTE sponsored online FDP (Phase-I) on **“Frontier of 3D Printing Technology and its Industrial Applications”** from 07/12/2020 to 19/12/2020 organized by the Department of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, Krishna (Dt.).
- **Stood first and Won a Cash Prize** in **“Engineering Mechanics Online Cross Word Quiz”** organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society’s Group of Institutions, Guntur from 24th-28th May, 2020.
- Participated in One Week Faculty Development Program on **“Additive Manufacturing: The Research Scopes & Future Trends”** from 22nd-28th May, 2020 Organized by Santhiram Engineering College, Nandyal.
- Participated in One Week FDP on **“Development and Characterization of composite Materials”** from 25th-29th May, 2020 organized by Department Of Mechanical Engineering, Lingayas Institute of Management and Technology
- Participated in One Week FDP on **“Advanced NDT Techniques and Applications in Industry”** from 25th-29th May, 2020 organized by Indian Society for Non-Destructive Testing in association with Department Of Mechanical Engineering, QISCET, Ongole.

- Participated in FDP on **“Recent Trends in Quality Control & Testing of Weldments”** organized by Department of Mechanical Engineering, Godavari Institute of Engineering & Technology {Autonomous}, Rajamahendravaram, Andhra Pradesh from 26th and 27th May 2020.
- 3-day FDP on **“Advanced Material Characterization Techniques – A research perspective”** from 28-30th May, 2020 organized by Department Of Mechanical Engineering, Lendi Institute of Engineering and Technology.
- 3-day FDP on **“Mechanical Behavior Of Bio and Composite Materials”** from 11th-13th June, 2020 organized by Department Of Mechanical Engineering, Andhra Loyola Institute of Engineering and Technology.
- One week FDP on **“Research Trends in Mechanical Engineering”** from 15th-20th June, 2020 organized by Department of Mechanical Engineering, Gudlavalleru Engineering College
- Completed (with distinction - 91%) the **“IUCEE - IIEECP - APSSDC phase-II Certification program - Batch II”** started on Aug 2nd, 2018.
- Completed the **“IUCEE - IIEECP - APSSDC Phase-I Certification program - Batch II”** started on May 2, 2018.
- Participated in AICTE approved faculty development program (FDP301X) on **"Mentoring Educators in Educational Technology"** conducted by Indian Institute of Technology, Bombay from May 17, 2018 to July 2, 2018.
- Participated in A Three Day National Level Faculty Development Program on **“Recent Innovations in Mechanical Engineering”** at KKR & KSR Institute of Technology, Guntur from 16th November 2017 to 18th November 2017.
- Ranked highest in the FDPs 101X & 201X among 7000 participants national wide.
- Participated in AICTE approved faculty development program (FDP201X) on **"Pedagogy for Online and Blended Teaching Learning Process "**conducted by Indian Institute of Technology, Bombay from September 14, 2017 to September 12, 2017.
- Participated in AICTE approved faculty development program (FDP101X) on **"Foundation Program in ICT for Education"** conducted by Indian Institute of Technology, Bombay from 3rd August, 2017 to 7th September, 2017.

FACULTY DEVELOPMENT PROGRAMMES (Conducted)

- Co-coordinator for SEBI & NISM sponsored - **Online Investor Awareness Program, Financial Literacy for You (FLY)** from 7th October 2021 to 7th July, 2022

STUDENT DEVELOPMENT PROGRAMMES (Conducted)

- Spoc for **Design Now Workshop - FUSION 360** organized by ICT academy hosted by R.V.R.&J.C.C.E

PROFESSIONAL SOCIETIES

- Member of IAENG (Member No: 221573).

TECHNICAL SKILLS – Software

- Auto CAD
- CATIA
- ANSYS
- C LANGUAGE
- Python

PERSONAL DETAILS

Date of Birth : 08/08/1991.
Nationality : Indian.
Languages Known : English, Telugu and Hindi.
Marital status : Married
Address : H.No: 4-366
Beside Bala Kuteer Road,
Chowdavaram,
Guntur-522019,
Andhra Pradesh,
India.