

FACULTY PROFILE

Name : **Somalingappa S. Davanageri**



Designation : **Assistant Professor**

Department : **Mechanical**

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Researcher ID : **davanageriss**

(Web of Science)

Google Scholar ID : <https://scholar.google.com/citations?hl=en&authuser=1&user=FVUFrLoAAAAJ>

Qualification : **M.Tech**

Professional

Experience

Teaching experience : **09**

Industry experience : **08**

Administrative Responsibilities :

1. Worked as PIESA coordinator of the department for the year 2013-2014
2. Working as Industry – Institute Co-coordinator of the department from 2017-2018 to till date.

Teaching :

No. of Projects Guided : 3
UG

Research : Design and Machining

Interest Area

- Conferences** :
1. S.S.Davanageri, Mallikarjun Hargol, Nagaraj Ganiger, Shravan Kerur “Design and fabrication of motor driven automobile jack” Proceedings of international conference on Emerging trends in Engineering research, May 2015.
- Invited Talks** :
1. **Regular HRD trainer** for the I year students organised by Training & Placemnt Cell , Basaveshwar Engineering College, Bagalkot
 2. **Regular HRD trainer** for the I year students organised by Mechanical Department , on “Career Orientation Program” Basaveshwar Engineering College, Bagalkot
 3. **Resource** person to deliver talk on Introduction to Arena Simulation tool in a two days student development programme on “Simulation Modeling and Analysis” from 07 to 10th October 2013, BEC, Bagalkot
 4. **Resource** person to deliver talk on “Introduction to Graphs/Charts” at Microsoft excel: A tool for business intelligence a two days student development programme from 04th – 5th April 2014, BEC, Bagalkot
 5. **Resource** person to deliver talk computer Basics in one week FDP on Microsoft Excel organized by Mechanical Engineering Department, BEC, Bagalkot [July13 to July18 2020]
 6. **Resource** person to deliver talk on Wood and Wood Types in one week Carpentry course jointly organized by Mechanical Engineering Department and Bosch Artesian Center, BEC, Bagalkot
 7. **Resource** person to deliver hands on training Ansys software in “Finite Element Method for Engineers” student development programme organized by department of Industrial & Production Engineering , Basaveshwar Engineering College, Bagalkot from 8th April to 11th April 2018
- Events Organized** :
1. Workshop conducted on Simulation Modelling And Analysis, two days Student development programme under TEQIP – II, 07th and 8th October 2013
 2. A two days Faculty Development Programme organized on “Soft Tools for Researchers to Enhance Research Productivity” under TEQIP-III on 11th and 12th October 2019
 3. Organized a webinar on Artificial Intelligence in Manufacturing on 14th August 2020
 4. Webinar Conducted on Experimental Investigation and Non Linear Finite Element Analysis of Pipe Elbow subjected to Combined Loading on 8th August 2020.
 5. E-Workshop was conducted on “Our Health in Our Hand” for Basaveshwar Engineering college students on 8th Jan 2021
 6. E-workshop conducted on 9th Jan 2021 on “Introduction to Reliability Engineering” for Mechanical Engineering Students.
- Conferences/ Symposiums/ Workshops/ Training Programs Attended** :
1. Participated in One week Faculty Development programme on “Effective Teaching Practices” organized by Basaveshwar Engineering College, Bagalkot 03rd to 5th March 2012
 2. Participated in Two weeks Faculty development programme on “Capacity building towards Quality Teaching and Learning” organised by IISc Bangalore. Dec2013 – Jan 2014 [TEQIP Sponsored]
 3. Participated in Faculty development programme on Mission 10X Arambha organized by Wipro Bangalore in July 2012.
 4. Participated in three days Faculty development programme on “Design, Modeling and Simulation of MEMS Devices” organized by department of electronic and communication engineering, Basaveshwar Engineering College Bagalkot. 10th to 12th July 2013
 5. Participated in three days workshop on “Process Improvement through analysis using Simulations” at B.V.B college of Engineering and Technology,

Hubli, during 30th August 2013 to 1st September 2013

6. Participated in two days workshop on “Data Analysis and Statistical Software” at Basaveshwar Engineering College, Bagalkot, during 22nd to 23rd November 2013
7. Participated in one day workshop on “Modern Aspects of Intellectual Solutions on Publications, Patents and Management” organized by Basaveshwar Engineering College, one 07th December 2013.
8. Participated in three days workshop on “Dynamic Analysis of Machine and Structures” organized by NITK, Surathkal during 29th to 31st January 2014
9. Attended one a day workshop on “Outcome Based Education” organized by Basaveshwar Engineering College, Bagalkot on 18th December 2015.
10. Attended one a day workshop on “Research Methodology” organized by Basaveshwar Engineering College, Bagalkot on 19th December 2015
11. Participated in two days workshop on “Advanced Data analysis and statistical software” organized by Basaveshwar Engineering College, Bagalkot during 27th & 28th August 2016
12. Participated in one day workshop on “SPD techniques with emphasis on repetitive corrugation and straightening (RCS)” organized by Department of Mechanical Engineering, Basaveshwar Engineering College, Bagalkot and NRB-DNRD, DRDO New Delhi on 3rd September 2016
13. Participated in three days workshop on “Empowering the teachers to enrich the students” organized by Basaveshwar Engineering College, Bagalkot, during 02nd to 04th October 2016
14. Participated in three days workshop on “Analysis of research problems through Design of Experiments” organized by Basaveshwar Engineering College, Bagalkot from 20th to 22nd January 2017.
15. Participated in three days workshop on “Optimization in Design and Engineering” organized by Basaveshwar Engineering College, Bagalkot during 28th Jan 2017 to 30th January 2017
16. Participated in two days symposium on “Emerging technologies for sustainable development” organized by Basaveshwar Engineering College, Bagalkot from 27th to 28th February 2017.
17. Participated in one week workshop on “Software applications in Mechanical Engineering” organized by Alva’s Institute of Engineering & Technology, Moodbidri during 22nd to 26th January 2018
18. Participated in one weeks Faculty development programme on “End to End Innovation” organized by IIT Bombay from 19-24 February 2018.[TEQIP sponsored]
19. Participated in TWO weeks Faculty development programme on “Digital Transformation in Teaching learning process” organized by TEQIP3 from March16- March30 2020.
20. Participated in two days E-workshop Faculty development programme on “AICTE Exam Reform Policy” organized by BEC, Bagalkot. April 29 to April30. 2020.
21. Participated in webinar on “NX Additive Manufacturing” organized by CADMAX. June 1st 2020.