

FACULTY PROFILE

Name : **Basavaraj Endigeri**



Designation : **Asst Professor**

Department : **Mechanical**

Employee ID : **TME017**

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Contact details : **Mechanical Engg. Dept.**

BEC, Bagalkot

Scopus ID : 56313320300

Vidwan Id : 148567

Google Scholar ID : https://scholar.google.com/citations?view_op=new_profile&hl=en

Qualification : **M.Tech.**

Professional Experience

Teaching experience : **17**

Administrative

Responsibilities

1. Worked as a department coordinator of TEQIP Phase-I from 2005-2008
2. Worked as Mechanical Engineering Association coordinator of the department for the year 2009-2010
3. Actively participated in Institutional Development Program for NBA and TEQIP.
4. Member of organizing committee and registration committee of International symposium on “Emerging Technologies for Sustainable Development” organized under TEQIP-II from 24-28 Feb. 2017.
5. Working as hostel warden of Visvesvaraya- Block from August 2012 to till date
6. Working as chairman of SC/ST/BCM students cell since 2017.
7. Worked as Gymkhana chairman from the academic year 2017-2018.
8. Working as Industry-Institute Coordinator of the department 17-18 till date.

9. Working as Alumni Coordinator of the College from Aug-2018 to till date.

Teaching

No. of Projects Guided

UG

PG

- :
- : 50 projects
- : 05 projects

Research

Interest Area

- : Design and Finite Element Analysis

Conferences

- :
1. Shivakumar Hadagali, Basavaraj Endigeri, S.N.Kurbet, “**The Finite Element Method: A tool to evaluate shear bond strength of recycled dental bracket**” 2nd International Conference on Simulation Modeling and Analysis - COSMA 2011, 14-16 December 2011, Amrita School of Engineering, Coimbatore 641 112.
 2. Vijaykumar Hiremath, Girija Bidarimath, Basavaraj Endigeri, “**The Finite Element Method: A Tool To Evaluate Shear Bond Strength Of Dental Bracket** “ International Conference On Recent Advances in Mechanical Engineering and Interdisciplinary Developments (ICRAMID-2014), 7-8 March 2014. Nagercoil, Tamil Nadu.
 3. Basavaraj Endigeri, Vinayaka Mannur “**FEM for Stress Reduction by Optimal Auxiliary Holes in a Uniaxially Loaded composite Plate International Conference on Research in Electrical, Electronics & Mechanical Engineering (ICREEME)**, 6th April 2014. Dehradun, Uttarakhand.
 4. Kalva Somashekhar, Shashidhar Hosamani, Basavaraj Endigeri” **Finite element analysis of stiffened plate “ National conference on mechanicals, materials and manufacturing Engineering ‘ NCMMME-2016, on May 23-24 2016, Mysore**
 5. Basavaraj Endigeri, S. G. Sarganachari “**FEM for Stress Reduction by Optimal Auxiliary Holes in a Uniaxially Loaded Plate with Elliptical hole. International Conference on Automation Science & Engineering (ICASE-2018)**, 15th Dec 2018, Bangalore.
 6. Basavaraj Endigeri, S. G. Sarganachari “**Assessment of stress reduction Techniques in an uniaxially loaded plate with a hole. International Conference on Mechanical Civil and Production ICMCIPE-2018**, 16th Dec 2018, Bangalore.

Invited Talks

- :
1. EDUSAT resource person for the subject **FINITE ELEMENT METHOD** for the year march 2009-2010 and delivered lesson plans of 10hrs at **EDUSAT** center Bangalore [<http://elearning.vtu.ac.in/06ME63.html>]
 2. **Resource** person to deliver talk on Teaching with Analogy and also active involvement in organizing three days Faculty Development Programme on “Effective Teaching Practice” from 29 – 31 January 2010, BEC, Bagalkot
 3. **Resource person** to deliver talk on FEM at SECAB , Bijapur

during the year October 14, 2011

4. **Resource person** to deliver talk on FEM at SECAB ,Bijapur during the year April 14, 2013.
5. As a guest to address RSS Students during Raksha Bandhana on August 7 2016, Athani Kalayan Mantap, Bagalkot
6. **Regular HRD traineer** for the I year students organised by Training & Placemnt Cell, Basaveshwar Engineering College, Bagalkot
7. **Regular HRD traineer** for the I year students organised by Mechanical Department, on “Career Orientation Program” Basaveshwar Engineering College, Bagalkot
8. **Resource** person to deliver talk on Teaching with Technology three days student Development Programme on “Smart Teaching Skills for Aspiring Teachers” from 9-11 February 2017, BEC, Bagalkot
9. **Resource** person to deliver talk on “Sparking creativity” at Radha Kesari Vidyalaya, Baglkot on 24th June 2017
10. **Resource** person to deliver talk on 1D element Analysis in FDP Finite Element Analysis using Ansysy organized by BLDE’s Polytechnic , Bijapur on 17/1/2018.
11. **Resource** person to deliver talk on “KANASU” at RDF, Bagalkot on 23/09/2018.
12. **Resource** person to deliver talk on Teaching with technology in Two weeks AICTE Sponsored FDP on OBE organised by Mech. Engg Dept, BEC, BGK from Jan. 27-Feb. 07.
13. **Resource** person to deliver talk computer Basics in one week FDP on Microsoft word organised by Mech. Engg Dept, BEC, BGK from 13-18 July 2020.
14. **Resource** person to deliver talk on Spoken English in one week English course organised by Mech. Engg Dept, BEC, BGK 13-18 July 2020, 8/10/2020, 19/10/2020, 28-29 Oct. 2020
15. **Resource** person to deliver talk on Sparking Creativity for I year HRD Programme In Mechanical Engg. Dept. on Feb. 01, 2021.
16. **Resource** person to deliver talk on Basic steps in FEM in one weeks FDP organised by Mech. Engg Dept, TCE, Gadag from 13-17 July, 2020.
17. **Resource** person to deliver talk on Thermal and Dynamic analysis Using ANSYS in FDP organised by Mech. Engg Dept, BGMIT. Mudhol, on 07th August, 2020
18. **Resource** person to deliver talk on Sparking Creativity for first year HRD Programme in Mechanical Engg. Dept. on 18th Dec. 2020]

Events Organized

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1. Workshop for the students of BEC on UnigraphicsNx under TEQIP for SC/ST Students.
 2. Organized Students National Level Tect Fest MECHANO 2011 (M: & 12 , 2011) [<http://becbgk.edu/mechano/web/>]
 3. Organized one week SDP on “Meshing and modelling of Engi

- Problems” from 19 to 23rd Nov 2013, under TEQIP sponsored.
4. Organized Two Week SDP on “Modeling Using CATIA” from 12-21 Sept. 2016 under EAP of TEQIP –II.
 5. Organized one day SDP on “Recent Mechanical Trends in Aerospace Industry” on 29th Sept. 2016 under Industry Institute Interaction program of TEQIP -II
 6. Organized one day SDP on “Automotive occupant safety systems” on 12th Nov 2016 under Industry Institute Interaction program of TEQIP -II
 7. Organized one day SDP on “Mechanical Engineers in Marine Industry” on 13th Jan. 2017 under Industry Institute Interaction program of TEQIP -II
 8. Organized Industrial Visit to “International Machine Tool Exhibition” IMTEX-2017, Bengaluru on 28th Jan 2017 under Industry Institute Interaction program of TEQIP –II
 9. Organized one day SDP on “Mechanical Engineers in Indian Defence” on 25th Feb 2017 under Industry Institute Interaction program of TEQIP -II
 10. Organized Talk on “My Dream Job” on 4th March 2017 under Mechanical Engineering Association. Speaker: Govinda Sorgavi, TAML, Bagalkot
 11. Organized the program “ASK HR” on sep 15th 2017 under Gymkhana. BEC, BGK. Speaker: Prassanna Sahu, barcom , Bombay, Shivananda Sahu Bhagyashree Buildcon, Bangalore, Tanuja , IBM, Banagalore
 12. Organized Talk on “Zindagi Na MilegeDobara” on 14th Feb. 201 under gymkhana, BEC, BGK, Speaker: Shri Shridhar Vade, Toronto Canada.
 13. Organized Students National Level Tech Fest FUSION 2018 on 10-11 March 2018 under gymkhana, BEC, BGK [<http://becsupport.com/fusion2K18>]
 14. Organized Alumni Meet of 1989-1993 Batch on July 28 2018, Milana-2018 reunion.
 15. Organized Alumni Meet of 1994-1998 Batch on Dec 22 2018, Renedevous 2018 reunion.
 16. Organized Talk on “GD & T” on 9th March 2019 under Mechanical Engineering Association.
 17. Organized one Week workshop on “GD and T” from 26-30 March 2019 under MEA. [Guts guru Ba Bangalore]
 18. Organized Talk on “What after Engineering” on 30th March 2019. under Mechanical Engineering Association. By Vinayak Kotikal, Robert Bosch.
 19. Organized one day workshop on CNC programming on 21 sep 2019 under MEA. [GTTC Dharwad]
 20. Organized one day workshop on Think like an Enterperneur on 12 oct 2019 under TEQIP III. [Basavaraj Herakal, MD, Transwind Technologies, Bangalore]
 21. EI for flourishing career by Mr Anuj Kulkarni on 18/7/2020 11.00am to 12.30 pm
 22. Machine Learning & Data science for mechanical Engineers on 25/7/2020 3.00 pm to 4.30 pm.
 23. Why GATE by our proud Alumni Vinayak And Team on 23/8/2020 11.00 am to 12.30 pm

**Conferences/
Symposiums/
Workshops/ Training
Programs Attended**

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24. Metal cutting Application Engineering by Kennametal, Bangalore 31/08/2020 11.00 to 12.30 pm
25. Workshop opportunities for Engineering students by Mr Shanshank Bennur , IBS Hyderabad on 27 /10/2020
1. Participated in two weeks Faculty development programme on “Futuristic Materials & their Applications” organised by Department of Mechanical Engineering,Basaveshwar Engineering College , Bagalkot from 16-21 February 2003.[AICTE sponsored]
2. Participated in two weeks Faculty development programme on “Induction Programme for Young Teachers” organised by Department of Mechanical Engineering, Basaveshwar Engineering College , Bagalkot from 19-31 January 2004.[AICTE sponsored]
3. Participated in one weeks Faculty development programme on “Learning Organisation and Knowledge Managemnt in Technical Education” organised by Department of Mechanical Engineering, Basaveshwar Engineering College , Bagalkot from 16-21 February 2004.[AICTE sponsored]
4. Participated in two weeks Faculty development programme on “CAD/CAM/CAE” organized by VTU-UGS PLM center of excellence, VTU Belgaum from 18-22 July & August 22 - 31st 2005.[VTU sponsored]
5. Participated in one weeks Faculty development programme on “Instructional Design & Delivery” organised by Basaveshwar Engineering College , Bagalkot from 08-13 August 2005.[TEQIP sponsored]
6. Participated in two days workshop on “Intellectual Property Rights Studies ” organised by Department of Civil, Basaveshwar Engineering College , Bagalkot from 17-18 February 2006.[AICTE sponsored]
7. Participated in one weeks Faculty development programme on “Recent Trends in Applications of Finite Element Analysis ” organised by Department of Mechanical Engineering, Basaveshwar Engineering College , Bagalkot from 06-11 March 2006.[TEQIP sponsored]
8. Participated in one weeks Faculty development programme on “Vision R & D ” organised by Department of Mechanical Engineering, Basaveshwar Engineering College , Bagalkot from 20-25 March 2006.[TEQIP sponsored]
9. Participated in one weeks Faculty development programme on “Applied Mathematics ” organised by Department of Mathematics, Basaveshwar Engineering College , Bagalkot from 03-08 April 2006.[TEQIP sponsored]
10. Participated in one day workshop on “Emotional Intelligence & Effective Leardership ” organised by Department of Electrical & Electronics, Basaveshwar Engineering College , Bagalkot from 27th March 2007.[TEQIP sponsored]
11. Participated in one weeks Faculty development programme on “Material Development, Manufacturing & Characterisation ” organised by Department of Mechanical Engineering, Basaveshwar Engineering College , Bagalkot from 16- 21st April 2007.[TEQIP sponsored]
12. Participated in two weeks Faculty development programme on “Design for X ”organised by Department of Mechanical Engineering, MNNIT, Allahabad. From 11-12 June 2007.[AICTE sponsored]
13. Participated in two days workshop on “Modeling & simulation using MATLAB ” organised by Department of Electrical & Electronics Engineering, Basaveshwar Engineering College , Bagalkot from 22- 23 March 2008.[TEQIP sponsored]

14. Participated in one weeks workshop on “Mission 10 X ” organised by Basaveshwar Engineering College , Bagalkot from 02- 06 February 2009.[ISTE- WIPRO sponsored]
15. Participated in one weeks FDP on Intelligent Instrumentation and Robotics organised by Department of Instrumentation, Basaveshwar Engineering College , Bagalkot from 26- 30 march 2012.[VTU-VGST sponsored]
16. Participated in one weeks Faculty development programme on “Active Teaching Strategies ” organised by Walchand Institute of Technology, Solapur from 19-23 June 2012.[AICTE sponsored]
17. Participated in one weeks Faculty development programme on “Management Skills & Indian Costitution ” organised by Basaveshwar polytechnic, Bagalkot from 25-29 June 2012.[DTE, Bangalore sponsored]
18. Participated in two weeks Faculty development programme on “Indian Constitution & women Empowerment ” organised by Maratha Mandal Polytechnic, Belgaum from 02-13 July 2012.[ISTE-DTE sponsored]
19. Participated in one weeks Faculty development programme on “Triz& Taguchi Methods using Innovation &Optimisation ” organised by IIT Bombay from 11-16 August 2012.[AICTE sponsored]
20. Participated in one weeks Faculty development programme on “Industrial Automation” organised by Silicon Micro Syatems, Bangalore. From 2nd to 7thseptember 2013.[TEQIP sponsored]
21. Participated in one weeks Faculty development programme on “Managerial Effectiveness ” organized by Jaipur Productivity Center from 21 – 25 october 2013.[TEQIP sponsored]
22. Participated in Two weeks Faculty development programme on “Capacity building towardsQuality Teaching and Learning”organised by IISC Bangalore.Dec2013 – Jan 2014.[TEQIP sponsored]
23. Participated in Two weeks Faculty development programme on “six sigma” organised by Mechanical Engineering Department.Jan20-30 2014.[TEQIP sponsored]
24. Participated in one weeks Faculty development programme on “Academic Leadership programme” organised by IIM Kozhikode. Feb 02- 07-2015[TEQIP sponsored]
25. Participated in three days Faculty development programme on “Empowering Teachers to Enrich Students” organised by Mechanical Engineering Department. Dec2 to 4 2016.
26. Participated in “Ask HR” organized by Dalmia Cements and IMER Belaguam on 8th July 217
27. Participated in TWO weeks Faculty development programme on “Human values & Ethics” organised by Basaveshwar polytechnic Bagalkot from 03-14 October 2017 [AICTE, New Delhi sponsored]
28. Participated in one weeks Faculty development programme on “End to End Innovation” organized by IIT Bombay from 19-24 February 2018.[TEQIP sponsored]
29. Participated in TWO weeks Faculty development programme on “Composite Materials” organised by PDA, Kalburagi from 10- 23Jan 2020.[AICTE, New Delhi sponsored]
30. Participated in TWO weeks Faculty development programme on “OBE ” organised by BEC, Bagalkot from Jan27- Feb07 2020.[AICTE, New Delhi sponsored]
31. Participated in TWO weeks Faculty development programme on “Digital Transformation in Teaching learning process” organised by TEQIP-3 from March16- March30 2020.

32. Participated in two days E-workshop Faculty development programme on “AICTE Exam Reform Policy” organised by BEC, Bagalkot. 29-30 April, 2020.
33. Participated in webinar on “FEA an Exciting & challenging career” organised by AISSMS college of engineering , Pune on 24th May 2020.[1 hour]
34. Participated in webinar on “Expand your Impact and Income” organised by Rohini Mundra on 31st May 2020.[2hours]
35. Participated in webinar on “NX Additive Manufacturing” organised by CADMAX. June 1st 2020 [1 hour]
36. Participated in webinar on “4 Powerful Characteristics of Successful People” organised by ISRA transformation leaders on 3rd June 2020. [1 hour]
37. Participated in one day webinar on ““Interrogation in MEMS, NEMS and Nanotechnology” organised by ISRA transformation leaders on 5th June 2020.
38. Participated in one week Faculty development programme on “NBA & NAAC ACCREDITATION PROCESS” organised by MSRIT Bangalore from 4- 8 June 2020.
39. Participated in E-Quiz on “Finite Element Method” organised by Navodhaya Institute of Technology, Raichur on 10th June 2020.
40. Participated in webinar on “Heartful leadership” organised by IIMR UNIVERSITY on 20th June 2020. [1 hour]
41. Participated in E-Quiz on “Finite Element Method” organized by BLDE. 26th June 2020.
42. Participated in E-Quiz on “Finite Element Analysis” organised by SJC Technology, Chikkaballapur, July11 2020.
43. Participated in one week Faculty development programme on “Advance materials (Fabrication, characterization & Applications” organised by school of mechanical engineering Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneshwar, Odisha. 20-25th July 2020
44. Participated in one week Faculty development programme on “DEEKSHARAMBH” organised NATIONAL INSTITUTE OF TECHNOLOGY PATNA Ashok Rajpath, Patna, Bihar 11-14 August 2020
45. Participated in one week Faculty development programme on Online learning and Teaching Technology organized by University School of Management & Entrepreneurship
46. Delhi Technological University, Delhi 24-28 Aug. 2020.
47. Participated in one week Faculty development programme on Industrial Automation and Control organized by SLN College of Engineering, Raichur Aug 28-Sep 1, 2020.
48. Participated in one week Faculty Development Programme on Leadership and Excellence organized by Govt. Polytechnic, Harapanahalli Aug. 31- Sept. 4 2020.
49. Participated in one week Faculty development programme on Future of Industrial Automation organized by Department of Electrical and Instrumentation Engineering, SLIET, Longowal, Punjab during 05-10 October 2020.

Awards and Honors : Identified as a Edusat Resource person for FEM from VTU Belgaum during the year 2009