

Mr. Basavraj R. Birajdar



CAREER OBJECTIVE:

Utilizing own skills and abilities in leading organization that helps professional growth.

PERSONAL PROFILE:

Address:

For Correspondence:

Shreeram Niwas,
Plot No.11, Rohini Nagar 1,
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Solapur.413004

Permanent:

At Post Kusur,
Ta. South Solapur.
Solapur – 413221.

CONTACT DETAILS:

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EDUCATIONAL QUALIFICATION:-

- **BRANCH** : MECHANICAL ENGG.
- ❖ **Scored 70% in M.E.**
W.I.T. Solapur. (Solapur University, Solapur.)
- ❖ **Scored 63.58% in B.E.**
College of Engineering, Pandharpur. (Solapur University, Solapur.)
- ❖ **Scored 58.64% of marks in H.S.C.**
Dayanand College, Solapur. (Pune Board, Pune.)
- ❖ **Scored 70.41% of marks in S.S.C.**
New English School, Kurul. (Pune Board, Pune.)

TEACHING EXPERIENCE:-

1. Three month teaching experience as visiting Lecturer in “**Government Polytechnic, Solapur**”.
2. One year teaching experience as Lecturer at “**Brahmdevdada Mane Polytechnic, Belati,**”
Solapur.
3. Currently working as Assistant Professor at “**Nagesh Karajagi ORCHID College of Engg. & Technology**” Solapur. From 1st June 2011 to till date.

WORKSHOPS ATTENDED:-

1. Attended One day Workshop on **Virtual Labs** at WIT, Solapur conducted by College of Engineering Pune.
2. Attended One Week Faculty Development Program (FDP) on **“Product Design Engineering”** (TQIP-III) Organized by PNES, Pune’s N.K. ORCHID College of Engg. & Tech., Solapur.
3. Two week workshop on **“FDP301x Mentoring Educators in Educational Technology”** conducted by **IIT Bombayx**.
4. Two week workshop on **“FDP201x Pedagogy for Online and Blended Teaching-Learning Process”** conducted by **IIT Bombayx**.
5. Two week workshop on **“FDP101x Foundation Program in ICT for Education”** conducted by **IIT Bombayx**.
6. One week short term training programme on **“Optimization technique in Mechanical Engineering (OTIM-2016)”** conducted by NBNSCOE, Solapur.
7. One week short term training programme on **“Finite Element Method for Engineering Applications”** conducted by **SVNIT, Surat**.
8. Two week **ISTE WORKSHOP** on **“Fluid Mechanics “**conducted by **IIT Kharagpur**.
9. Two week **ISTE WORKSHOP** on **“Applied Mechanics “**conducted by **IIT Bombay**.
10. Two week **ISTE WORKSHOP** on **“Introduction to Research Methodologies”** Conducted by **IIT Bombay**.
11. One week training on **“PERSONA FOR EFFECTIVE TEACHING”** at **W.I.T. Solapur**
12. One week State Level content updating training programme on **“RECENT DEVELOPMENT ON CAD/CAM/CAE”**
13. One day workshop on **“Bridging the gap between the institute and industry “**at N.K.O.C.E.T. Solapur.

PROJECTS:-

1. **M.E. Thesis: “Computation of Thermo-Mechanical Stresses In Pressure Vessel Using Ansys”.**
2. **B.E. Thesis: Performance Analysis of Fluid Pump Coupled With gas engine.**

IN PLANT TRAININGS:-

1. Completed 15 days of Industrial Training at **“Saurabh Flexipack Systems Pvt. Ltd. Pune.”**
2. 3 days training for Direct Ready Engineers Program (**DRE**) at **TTL (Tata Technologies Ltd.) Pune.**
3. Completed 10 days of Industrial Training at **“THERMAX Solapur”.**

4. Completed 07 days of Industrial Training at “**DRM, Solapur**”.
5. Completed 15 days of Industrial Training at “**Precision cam Shaft**”. At P.G. Level.
6. Completed 15 days of Industrial Training at “**Shree Engineering Ltd. Solapur**”. At U.G. Level

PRESENTATIONS & CONFERENCES:-

1. Published book on Subject “**Energy & Environment Engineering**” in Technical Publication, Pune for First Year Engineering Students of Dr. Babasaheb Ambedkar Technological University, Lonere, India.
2. Published a paper titled “**Design and Fabrication of Fertilizer Spreading Machine**” in International Journal for Research in Applied Science & Engineering Technology (ISSN 2321-9653), in Volume 6, Issue VII, July 2018.
3. Published a paper titled “**SOLAR STOVER CUTTING MACHINE**” in **International Journal** of Advance Technology in Engineering and science (ISSN 2348-7550), Volume 04, Issue 05, and May 2016.
4. Published a paper titled “**Design & Development of combined unit for an Air-Conditioning & Refrigeration and simulation of system**” in SS International Journal of Multidisciplinary Research (E-ISSN: 2395-7964), Volume 2 Issue 1 January 2016.
5. Published a paper titled “**Computation Of Thermo- Mechanical Stresses In Pressure Vessel Using ANSYS**” in **International Journal** of Advance Research in Science & Engineering (ISSN 2319-8354), Volume 02, Issue 08, and August 2013.
6. National Level Paper presentation at S.I.T. Lonavala on “**Paper on FEM analysis of Gas turbine Blade**”.
7. National Level Paper presentation at B.I.G.C.E. Solapur on” **Laser Processing of Engineering Materials: Surface Hardening.**”
8. Presented seminar in college (W.I.T.Solapur) on topic “**Optimized Shroud Design for Axial Turbine Aerodynamic Performance.**”
9. Presented seminar in college (W.I.T.Solapur) on topic “**The effect of tool edge radius on the contact phenomenon of tool-based micromachining.**”
10. Presented seminar in college (W.I.T.Solapur) on topic” **Friction model for friction stir welding process simulation: Calibrations from welding experiments.**”
11. Presented seminar in college (C.O.E.Pandharpur) on topic “**Micro turbine.**”

SUBJECT TAUGHT:-

1. Engineering Graphics (EG)
2. Analysis of Mechanical Element (AME).
3. Basic Mechanical Engineering (BME).
4. Theory of Machine-I (TOM-I).
5. Machine Design-I
6. Energy & Environmental Engineering (DBATU)
7. Computer aided Machine Drawing –I (CAMD)
8. Computer aided Machine Drawing –II (CAMD)

ADDITIONAL ROLES & RESPONSIBILITIES:-

1. Worked as Chairman of Squad for Dec 2017 Exam of Dr. Babasaheb Ambedkar Technological University, Lonere.
2. Working as **News and Publicity head** at College level from 1st Jan 2016 to till date.
3. Working as **Co-Editor** of collage annual magazine (ORCHID AURA) form 2014 to till date.
4. Worked as **Departmental coordinator** for two years (2013, 2014) of technical competition “**ORCHITECH**”.
5. Worked as Departmental **Attendance Monitoring coordinator**. for three years (2014, 2015,2016)
6. Worked as **Suggestion Box in Charge** at College level for three years.

ACHIEVEMENTS:-

1. Received award for the top 241 performers in the programme held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), MHRD, Conducted by Indian Institute of Technology Bombay.
2. Received award on 5th September 2017 on the occasion of Teachers Day for “**Meritorious contribution towards collage annual magazine (ORCHID AURA 2016-17)**”.
3. Received award on 5th September 2016 on the occasion of Teachers Day for “**Best Faculty Member Award 2015-16**”
4. Received award on 5th September 2016 on the occasion of Teachers Day for “**Meritorious contribution towards collage annual magazine (ORCHID AURA 2015-16)**”.
5. Received award on 5th September 2015 on the occasion of Teachers Day for “**Meritorious contribution towards collage annual magazine (ORCHID AURA 2014-15)**”.
6. While Working as Co-Editor of collage annual magazine (ORCHID AURA 2014-15) has **won first prize at university level** in magazine competition.
7. Completed NPTEL Online Certification Course on “**Laws of Thermodynamics**”

SOFTWARE SKILLS:-

1. ANSYS 10.
2. Matlab 09
3. Autodesk Inventor_Pro_2019
4. Autodesk Fusion 360
5. Introduction to CATIA- V5R10
6. Introduction to NX3 (Unigraphics)
7. AutoCAD 2010,2012

MEMBERSHIP:-

- ❖ Lifetime Member of ISTE

LANGUAGE KNOWN:

- ❖ English, Hindi, Marathi, Kannada.

HOBBIES:

1. Teaching.
2. Playing computer games.
3. Collecting mobile software.

STRENGTHS:

1. Cool Nature.
2. Hard Working.
3. Work well with others.

DECLARATION:

I hereby declare that the above-mentioned information is correct to the best of my knowledge and bear the responsibility of the above mentioned particulars.

Date:-

Place:-

Yours Sincerely,

(Basavraj R. Birajdar)