

Name : **Dr. Anand N. Sonnad**



Designation : **Assistant Professor**
Department : **Mechanical Engineering**
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Vidwan Id : **148618**
Qualification : **Ph.D. (Metallurgy)**

Professional Experience
Teaching experience : **11**
Teaching : **11**

No. of Projects Guided
UG : **6**

Research
Interest Area : *Metallurgy*

No. of Research Scholars
Pursuing : **2**

Journals (with citations) :
1. Ajoy K. Ray, S. A. Kori, Pathak, **A. N. Sonnad**, “**Microstructural characterization and mechanical property evaluation o SiC coated graphite – 304 stainless steel brazed joints.**” International Journal of Innovative Research in Science, Engineering and Technology, vol. 6, Issue 9, September 2017.
2. Ajoy K. Ray, Abhijit Kar, S. A. Kori, L.C. Pathak, **A. N. Sonnad**, “**Graphite to 304SS braze joining by active metal brazing technique - Improvement of mechanical properties.**” Journal of Materials Engineering and Performance, vol. 22, No.1, 2013, pp. s258-266(9), publisher: Springer Science and Media.
3. Ajoy K. Ray, S. A. Kori, **A. N. Sonnad**, “**Microstructural Characterization and Mechanical Property Evaluation Of SiC Coated Graphite – Stainless Steel Brazed Joint.**” Journal of Materials Research (In press).

Conferences : 1. Research paper entitled “**Microstructural Characterization and Mechanical Property Evaluation of Graphite – Stainless Steel Brazed Joint**” by Ajoy K. Ray, S. A. Kori, Md. Murtuja Hussain, **A. N. Sonnad**, has received third prize (cash prize of Rs. 1000/-) for best paper presentation in the competition held on the occasion of Founder’s Day celebration by Indian Ceramic Society, Jamshedpur Chapter, Jamshedpur, 23rd April 2010.

2. **“An innovative approach to improve the mechanical property of the graphite to 304SS braze joint by active metal brazing technique.”** by A. K. Ray, Abhijit Kar, S. A. Kori, L. C. Pathak, A. N. **Sonnad**, National Symposium on Advanced Ceramics and Composites Indian Ceramic Society, Jamshedpur Chapter, May 7- 8, 2009.
3. Presented a paper on **“Brazing of 304 Stainless Steel and Alumina”** in **Advances in Material Sciences-07** held in Gulbarga, on 23rd- 24th January-2007.

Workshops/ Training Programs : Attended

1. Attended 2 days International Symposium on **“Emerging Technologies for Sustainable Development”** organized by BEC, Bagalkot on 27th and 28th February 2017.
2. Has participated in Karnataka State Council of higher Education, Bangalore sponsored 3 days Induction programme on **“Empowering Teachers to Enrich Students”** organized by department of Mechanical Engineering, BEC, Bagalkot on 02 – 04 December 2016.
3. Attended NRB-DNRD, DRDO, New Delhi sponsored one day workshop on **“SPD Techniques with emphasis on Repetitive Corrugation and Straightening (RCS)”** organized by department of Mechanical Engineering, BEC, Bagalkot on 03.09.2016.
4. Rendered service as a **Resourceful Facilitator** in **HRD Training Programme** for Ist year BE students conducted by Training and Placement Department, in BEC, Bagalkot held on 13-14th of Oct, 2012.
5. Attended one week STTP programme on **“Emerging R and D in Wind Energy and Conversion – present and Future Challenges.”** from 21st – 26th July 2014, organized by dept. of Electrical and Electronics Engineering of Basaveshwar Engineering College, Bagalkot sponsored by TEQIP – II.
6. Attended two days workshop on **“Composites and their Applications”** from 14th – 15th March 2014, organized by dept. of Mechanical Engineering and dept. of Physics of Basaveshwar Engineering College, Bagalkot sponsored by TEQIP – II.
7. Attended TEQIP sponsored 15 days Faculty Development Programme on **“Integrated Six Sigma – Green Belt and Design for Six Sigma (DFSS)”** from 20-30 Jan. 2014, jointly organized by Department of Mechanical Engineering and Information Science, Basaveshwar Engineering College, Bagalkot.
8. Attended the **Faculty Development Programme** on **“Capacity Building towards Quality Teaching and Learning”** at IISc. – Bangalore for 13 days from 25th Nov – 6th Dec 2013 and from 8th -10th Jan 2014 under TEQIP, phase -II.
9. Rendered service as a **Resourceful Facilitator** in **HRD Training Programme** for Ist year BE students conducted by Training and Placement Department, in BEC, Bagalkot held on 13-14th of Oct, 2012.
10. Has successfully completed **“Mission 10X Aarambh”** a blended learning certification programme on **“Effective Teaching and Learning Methods”** under the valuable guidance of Prof. Chayalakshmi C. L., on 21st July, 2012.
11. One week STTP course on **“Management Skills and Indian Constitution”** (approved by DTE, Bangalore, vide letter No. DTE/01/CTEK/12-13/1907, dated: 27.16.12) conducted jointly by B. V. V. S. Polytechnic (Autonomous), Bagalkot and District Legal Services Authorities, Bagalkot, at B. V. V. S. Polytechnic, Bagalkot from 25th to 29th June 2012.
12. Three days Faculty Development Programme on **“Effective Teaching Practices”** organized by BEC, Bagalkot, from 3rd to 5th March, 2102.