

Resume

**Jasinta Poonam Ekka ,M.E. (Energy System and Pollution Control), B.E (Mechanical Engg.)
Assistant Professor**

Department of Mechanical Engineering,
Institute of Technology Guru Ghasidas Vishwavidyalaya (ITGGV),
Bilaspur-495009, (C.G.), India.

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Technical Education

M.E. (Energy System & Pollution Control), G. E. C, Raipur, India.

B.E. (Mechanical Engineering), G. E. C, Jagdalpur, India

Professional Experience

1. Assistant Professor,

Department of Mechanical Engineering, Institute of Technology, Guru Ghasidas
Vishwavidyalaya, Bilaspur (ITGGV, BSP), (C.G.), India.

[Jan. 2007 – till date]

2. Assistant Professor, (On Contract)

Department of Mechanical Engineering, G.E.C, Jagdalpur (C.G.), India.

[2006]

3. Assistant Professor, (On Contract)

Department of Mechanical Engineering, G.E.C, Bilaspur (C.G.), India

[2005]

Academic Projects

• M.E. Dissertation:

“Estimation of vehicular Air Pollution for Raipur ”

• B. Tech Project:

“Design of differential gear for low weight vehicle

Courses taken during M.E.

Advance Heat and Mass Transfer.

Noise pollution

Air pollution and control

Non conventional energy system

Numerical method and computer programming

Conventional energy system

ACADEMIC WORK :

a. Subject Taught :

Engg. Drawing, Basic Mech. Engg. • Material Science, •Engineering Thermodynamics, •Applied thermodynamics, •Fluid Mechanics•Turbomachinery• Internal combustion engine, •Heat and Mass Transfer•Energy Engineering• Refrigeration and Air Conditioning

b. Lab setup:

Fluid Mechanics, RAC, Heat and Mass Transfer

c. Course Developed :

- *Syllabus of “Applied Thermodynamics” for B.Tech.Third Semester,*
- *Syllabus of “Engg.Thermodynamics” for B.Tech First Semester,*

Computer Skills

- *Graphical packages: AUTOCAD*

Short-Term courses attended in the past years: 03

(One week STP at NITTTR, Chandigarh, NITTTR, Kolkatta, MANIT, Bhopal)

Conferences/Seminar/Workshop attended in the past years: 02

List of Publications

International / National journals / Conf. / sem. / Symp.

1. *Aruna Thakur, Arpita Roychoudhury, J.Poonam Ekka, “Comparison Between Experimental & ANN Crack Growth in Multiple Cracks”,International Conference on Emerging Trends in Soft Computing and ICT,CSIT Dept.,GuruGhasidas Vishwavidyalaya(Central University)BilaspurCG March 16-17,2011.*
2. *Disha dewangan,Dr.S.L .Sinha, J.Poonam ekka,“biogas power system :astep towards utilization of cleanrenewable energy source for providing optimum energy needs for rural areas in india.”international conference on InternationalMechanicalEngineering Congress(IMEC) -2014,13-14 june,at NIT ,Trichy.*

EXTRA ACTIVITY :

- *Member of Board of Studies, Institute of Technology, GGV,Bilaspur C.G.*
- *Member of admission committee, Institute of Technology, GGV,Bilaspur C.G.*
- *Member of disciple committee, Institute of Technology, G GV,Bilaspur C.G.*

All the information given above is correct to best of my knowledge and belief.

(Jasinta Poonam Ekka)

Astt. Professor ,

Department of Mechanical Engineering,

Institute of technology, G.G.V. (Central University), Bilaspur(Chhattisgarh)-495009, India.

