1.	**Name**	Arun Kumar Asati
2.	**Designation**	Associate Professor
3.	**Date of Birth**	11/01/1969
4.	**Education Qualification**	Ph.D., M.E., B.E. In Mechanical Engg.

Picture

Email Id:
arunkasati@yahoo.com

5.	**Work Experience**	**Teaching and Administrative :**	
		Teaching	23 years
		Administration along with teaching	17 years
		Industrial	1.5 years
		Research	13 years
		Research :	

		Others :		
6.	**Area of Specializations**	Thermal Engg.		
7.	**Subjects Teaching at**	**(a) Graduate Level**		All subjects of Thermal Engg. Refrigeration & Air-conditioning, Applied Thermodynamics, Heat Transfer, Elements of Mech. Engg., Fluid Mechanics, Fluid Machines etc.
		(b) Post Graduate Level		All subjects of Thermal Engg. Refrigeration, Advanced Fluid Mechanics, Vehicular Pollution & Its Control, Adv. Energy Tech., CFD, Advanced Heat Transfer etc.
8.	**Total Number of Research Publications**	**Published**		**Communicated**
		04 in international journals		01

	(Annexure-A)	04 in international conferences		

*		
9.	**No. of Students Guided**	
	Master's	
	Ph.D	01
10.	**Academic Achievements and Awards.**	NIL

11.	**Projects Carried out**	MODROB Projects	
12.	**Projects in Hand**	NIL	
13.	**Applied Project**	NIL	

15.	**Short-Term Courses Organised as a faculty**	NIL	
16.	**Short-Term Courses Attended**	16 weeks	
17.	**Faculty Development Programmes organized in the Institute**	**(List is attached as Annexure-B)**	
18.	**Membership of professional bodies:** ISTE		
19.	**Main Extra-Curricular Activities organized :** Annexure-C		
20.	**Main Curricular and Co-Curricular Activities Organised:** Annexure-D		

Annexure-A

LIST OF PUBLICATIONS

(A) International Referred Journals

1. **"**Multi absorber stand alone liquid desiccant air-conditioning systems for higher performance" in Solar Energy 83 (2009) 761–772
2. "Experimental study on performance of celdek packed liquid desiccant dehumidifier" in Heat Mass Transfer DOI 10.1007/s00231-015-1704-2
3. Experimental Study on Effectiveness of Celdek Packed Liquid Desiccant Cooling System" in Heat Transfer Engineering
4. **"Simplified Mathematical Modelling of Dehumidifier and Regenerator of Liquid Desiccant System" in** International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 - 5161

(B) National Referred Journals

(C) International Conferences

1. **"**STUDY OF DESICCANT COOLING TECHNOLOGY: AN OVERVIEW" in International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (October 5-7, 2012)
2.

(D) National Conferences

(E) Invited Talk

Annexure-B

Faculty Development Programme organized in the Institute

Sr No	Name of FDP	Dept	From	To

Annexure-C

Main Extra-Curricular Activities organized

Annexure-D

Main Curricular and Co-Curricular Activities Organized an ISTE Annual activity "Techno-Opus 2012"