

## **FACULTY PROFILE**

**1. Name: Dr. Randhir Singh Rathore**

**2. Designation: Lecturere(Physics)**

**3. Qualification: Ph.D. , M.Sc.(Physics), M.B.A.(HRD)**

**4. Area of Specialization: Solar Desalination**

**5. Awards/Recognitions:**

**6. Number of projects:**

**i) Completed : None**

<b>Sl. No.</b>	<b>Title of the project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Year (From-To)</b>

**ii) On-going**

<b>Sl. No.</b>	<b>Title of the project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Date of Commencement</b>	<b>Expected date of completion</b>
<b>1</b>	<b>Site Selection and installation of high efficiency Solar Still</b>	<b>DST</b>	<b>10,0000</b>	<b>To Be Started</b>	<b>36 Months</b>

**7. Professional Experience:**

Sl. No.	Desination	Organisation/Institute	Type(Industry/teaching)	Year (From-To)
1	Asst. Director	AICTE	Teaching	25-06-2009 to Till Date

**8. Number of Ph.D candidates successfully completed: NIL**

**9. Number of Ph.D candidates currently working: NIL**

**10. Number of M.Phil candidates successfully completed: NIL**

**11. Number of M.Phil candidates currently working: NIL**

**12. Publications:**

**i) Books NIL**

Sl. No.	Author/s	Title	Publisher	Year of publication	Page No.

**ii) Articles in Journals**

Sl. No.	Title of Article	Journal	Year/Month
1	Solar Still an appropriate technology for potable water need of remote illage of desert state of India-Rajasthan	Desalination	220(1-3),2008
2	Theoretical analysis of single slope solar desalination system to improve yield by increasing the evaporative surface area.	Asian Journal of Water, Environment and Pollution	Vol.6, No.2, 2009

**iii) Papers in Conference/Seminar/Proceedings**

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Title of conference/seminar volume</b>	<b>Year of publication</b>	<b>Publisher</b>
1	Economic analysis of non conventional Energy Systems	Proc. of National seminar on Integration of energy from conventional and non-conventional sources, LNCTE, Bhopal,	<b>2006</b>	
2	Solar Still An Old Technology To Solve Present Water Crises	Proc. of Bhartiya Vigyan Samelan, Bhopal	<b>2007</b>	
3	Experimental investigation of a single slope solar still with porous Evaporating surface.	Proc. of XXII Indian Engineering Congress, Udaipur	<b>2007</b>	
4	Microwave Dielectrical Constant of Animal Bones	Microwave, Antenna and Propagation, Jaipur	<b>2001</b>	
5	Microwave Technique for the Absorption Studies in Composite Materials	Proc. National conference on Microwave, Antenna and Propagation, Jaipur	<b>2001</b>	

**iv) Paper as a part of book:**

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Title of the book</b>	<b>Publisher</b>	<b>Year of publication</b>	<b>Page No.</b>
1	City	Bio-Fuel Vision	Engineering	2006	

	Transportation system using Jetropha Oil: An Economical Analysis	2015	College Bikaner		
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v) **Monographs/Reports (if any)** NIL

**13. Conference/Seminar organized:**

Sl. No.	Status as organizer	Title of the conference/seminar	Date
1	Coordinator	National Advancement conference on Recent in Technology	April 2008
2	Coordinator	CO2 Kick the habit towards low carbon economy	June 2008

**14. Conference/Seminar chaired:**

Sl. No.	Title of the seminar	Organized by	Date
1	GLOBERA	Engineering College Bikaner	

**15. Conference/Seminar participated:**

Sl. No.	Title	Organized by	Year/Month	Only participated	Participated and presented the paper

**16. Chairman/Member of Authority/Committee etc: NIL**

Sl. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)

**17. Membership to professional Organization/Associations:**

<b>Sl. No.</b>	<b>Name of the Association/Organizations</b>	<b>Life member/Ordinary member</b>

**18. Any other Information: None**