

## BIO-DATA

1. **POST** : Associate Professor in Mechanical Engineering Department
2. **NAME** : **JOYDEEP CHAKRABORTY**
3. **DATE OF BIRTH** : 29TH JULY, 1965
4. **NATIONALITY** : INDIAN
5. a) **ADDRESS FOR COMMUNICATION (PERMANENT ADDRESS)** : **C/O JOYDEEP CHAKRABORTY  
H-2 / 29A, MAHAVIR ENCLAVE  
(NEAR SULABH INTERNATIONAL)  
PALAM – DABRI ROAD  
NEW DELHI - 110045  
PHONE NO.-9810630765 (MOBILE )**
- b) **EMAIL ID** : **j\_chakraborty04@yahoo.co.uk**
6. **ACADEMIC BACKGROUND** : **BACHELOR OF ENGINEERING (B.E.), MECHANICAL, NIT, SILCHAR.  
MASTER OF TECHNOLOGY (M.TECH) THERMAL ENGG, I.I.T, DELHI.  
PURSUING PhD FROM NIT, KURUKSHETRA.**
- LIFE MEMBER, INDIAN SOCIETY FOR TECHNICAL EDUCATION (I.S.T.E.).  
MEMBER, INDIAN SOCIETY OF HEATING, REFRIGERATION & AIR-CONDITIONING ENGINEERS ( ISHRAE ).**

### TOTAL WORK EXPERIENCE ( APPROXIMATELY 24 YEARS)

7. **PRESENT ACADEMIC WORK** : **WORKING AS ASSOCIATE PROFESSOR (MECHANICAL ENGG DEPARTMENT) IN MANAV RACHNA INTERNATIONAL UNIVERSITY,GURGAON. IT IS ONE OF THE TOP PRIVATE UNIVERSITIES OF THE COUNTRY. THE UNIVERSITY IS TOTALLY AUTONOMOUS AND IS UNDER ADMINISTRATIVE JURISDICTION OF UGC & GOVT OF HARYANA.**
8. **LAST ACADEMIC WORK** : **WORKED FOR FIVE YEARS AS ASSOCIATE PROFESSOR (MECHANICAL ENGG DEPARTMENT) IN ITM UNIVERSITY,GURGAON. IT IS ONE OF THE TOP PRIVATE UNIVERSITIES OF THE COUNTRY. THE UNIVERSITY IS TOTALLY AUTONOMOUS AND IS UNDER ADMINISTRATIVE JURISDICTION OF UGC & GOVT OF HARYANA.**
9. **LAST CORPORATE WORK** : **WORKED AS GENERAL MANAGER ( MECHANICAL) FOR HVAC PROJECTS IN DESIGN & ENGINEERING DEPARTMENT OF WSP CONSULTANCY(A BRITISH MNC).**
10. **OVERSEAS EXPERIENCE** : **WORKED AS H.V.A.C. DESIGN ENGINEER IN HYUNDAI ENGINEERING & CONSTRUCTION COMPANY LIMITED, (H.O. SEOUL, SOUTH KOREA) HEATING, VENTILATION & AIR-CONDITIONING (H.V.A.C.) SECTION, SABIA POWER PROJECT (2460 MW CAPACITY), KUWAIT.  
POSTED IN THE U.K FOR SPECIAL TRAINING REGARDING THERMAL ENGG.  
WORKED IN OMAN (MUSCAT) & DUBAI AS PROJECT MANAGER.**
11. **PAPER PRESENTED** : **Presented paper of ISO 9000 in the seminar Organized by Government of Maharashtra (India) in Bombay in the year 1993.**
12. **PAPER PUBLISHED** : **Published Paper in the Proceedings of Conference on Emerging Trends in Mechanical Engineering on the topic “Geothermal Heat Transfer in Air Conditioning in 2012 at ITM University, Gurgaon**
- Presented & published paper on Solar Energy Driven Vapour Absorption System in the International Conference (I-Space organized by ITM University , Gurgaon on 5<sup>th</sup> March in the year 2013.**
- Published paper titled “A Review Paper on solar energy operated**

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vapour absorption system using LiBr-H<sub>2</sub>O “ in International Journal of Engineering Research & Technology, ISSN 2278-0181 , Volume 2, Issue 8, August 2013 (IMPACT FACTOR 1.78)

Published paper in National Conference”Paradigms in Mechanical Engineering (PME 2014)” in Manav Rachna International University, Faridabad on 20th December, 2014.

### 13.a) ACADEMIC QUALIFICATIONS

EXAMINATION	INSTITUTE	YEAR OF PASSING	BOARD/ UNIVERSITY	% OF MARKS	DIV.	AWARD
H.S.L.C. (10TH)	PUBLIC HIGH SCHOOL	1980-81	BOARD OF SECONDARY EDUCATION, ASSAM	75.75%	IST	NATIONAL SCHOLARSHIP
PRE-UNIVERSITY SCIENCE (12TH)	G.C. COLLEGE ENGLISH MEDIUM	1983	GAUHATI UNIVERSITY	74.22%	IST	STATE MERIT SCHOLARSHIP

### 13.b) TECHNICAL QUALIFICATION

#### (I) GRADUATION : BACHELOR OF ENGINEERING (B.E.), MECHANICAL

INSTITUTION	DURATION OF COURSE	%OF MARKS	CLASS	MEDIUM OF STUDY
REGIONAL ENGG., COLLEGE (R.E.C.), SILCHAR, AT PRESENT N.I.T, SILCHAR	1983-88 (8 SEMESTER)	71.06%	IST	ENGLISH

#### (II) POST GRADUATION : MASTER OF TECHNOLOGY (M.TECH) THERMAL ENGINEERING

INSTITUTION	SEMESTER	SUBJECT	S.G.P.A. (10 POINT SCALE)	MEDIUM OF STUDY	YEAR OF PASSING
INDIAN INSTITUTE OF TECHNOLOGY (I.I.T.), DELHI	IST ('93 JULY-'93 DEC.)	Refrigeration and Air-Conditioning, Heat Tr., I.C. Engine, Fluid Mech., Adv. Thermodynamics	7.00	ENGLISH	DEC.'94
	2ND ('94 JAN-'94 JUNE)	Refrigeration and Air-Conditioning, Heat Tr., Power Plant Engg., Comb. Gen. Pollution, Solar En. Devices	8.39	ENGLISH	
	3RD ('94 JULY-'94 DEC.)	Project Semester	10.00	ENGLISH	
RANK AND C.G.P.A. :		TOPPER IN M.TECH. (THERMAL ENGG.) IN 1994 BATCH, I.I.T., DELHI TOTAL C.G.P.A. : 8.24			
M.TECH. PROJECT :		HEAT TRANSFER STUDIES IN COILED TUBE HEAT EXCHANGER FOR LAMINAR AND TURBULENT REGION FLOW.			

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## (III) POST GRADUATION : PhD

STATUS	INSTITUTE	TOPIC
PURSUING PhD FROM 2012	NATIONAL INSTITUTE OF TECHNOLOGY (NIT), KURUKSHETRA	SOLAR POWERED VAPOUR ABSORPTION SYSTEM

## 14. ACHIEVEMENTS

# SCORED RECORD S.G.P.A. OF 10 IN 10 POINT SCALE IN FINAL SEMESTER BEING TOPPER IN I.I.T., DELHI.

# Ph.D. RESEARCH PROPOSAL IN HEAT TRANSFER IN THE ABOVE MENTIONED PROJECT WAS ACCEPTED IN THE "UNIVERSITY OF SHEFFIELD, U.K." AND THE "UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA".

## 15. WORK EXPERIENCE (FROM PRESENT WORK TO PAST WORK IN CHRONOLOGICAL ORDER)

## (I) PRESENT WORK :

DESIGNATION	ORGANISATION	DEPARTMENT	DATE OF JOINING	ORGANISATION STATURE (NATIONAL)	APPLICANT'S FIELD OF SPECIALISATION
ASSOCIATE PROFESSOR	MANAV RACHNA INTERNATIONAL UNIVERSITY, FARIDABAD	MECHANICAL ENGINEERING	2 <sup>ND</sup> FEBRUARY, 2014	ONE OF THE TOP PRIVATE UNIVERSITIES OF THE COUNTRY UNDER ADMINISTRATION OF UGC. IT IS FULLY AUTONOMOUS UNIVERSITY	THERMAL ENGG, THERMODYNAMIC S, REFRIGERATION & AIRCONDITIONING , HEAT TRANSFER & ANY OTHER THERMAL RELATED SUBJECT
SALARY DRAWN : BASIC+DA + HRA+SP.ALLOW.= RS 90000/-(approx.) PER MONTH OTHER THAN ABOVE SUBSIDISED TRANSPORT FACILITY					

## (II) LAST WORK :

DESIGNATION	ORGANISATION	DEPARTMENT	DATE OF JOINING/ LEAVING	ORGANISATION STATURE (NATIONAL)	APPLICANT'S FIELD OF SPECIALISATION
ASSOCIATE PROFESSOR	ITM UNIVERSITY, GURGAON	MECHANICAL ENGINEERING	2 <sup>ND</sup> FEBRUARY, 2009/ 1 <sup>ST</sup> FEBRUARY, 2014	ONE OF THE TOP PRIVATE UNIVERSITIES OF THE COUNTRY UNDER ADMINISTRATION OF UGC. IT IS FULLY AUTONOMOUS UNIVERSITY	THERMAL ENGG, THERMODYNAMIC S, REFRIGERATION & AIRCONDITIONING , HEAT TRANSFER & ANY OTHER THERMAL RELATED SUBJECT
SALARY DRAWN : BASIC+DA + HRA+PF= RS 90000/- PER MONTH OTHER THAN ABOVE HOSPITALIZATION EXPENSES WIFE & SELF (AS PER ACTUALS) & LTA ARE ADMISSIBLE.					

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## (III) LAST CORPORATE WORK :

DESIGNATION	COMPANY	DIVISION	DATE OF JOINING	DATE OF LEAVING	COMPANY STATURE (INTERNATIONAL )
GENERAL MANAGER (MECHANICAL)	WSP CONSULTANCY INDIA LTD ( A BRITISH MNC)	DESIGN AND PLANNING/ HEATING, VENTILATION, AIR-CONDITIONING (H.V.A.C.) PROJECT	10TH AUGUST, 2008	31 <sup>ST</sup> JANUARY , 2009	CONSULTANCY IN LARGE NO. OF PROJECTS IN U.K,DUBAI,INDIA ETC
<b>SALARY DRAWN :</b> BASIC + CCA + HOUSE LEASE +LEASE MAINTENANCE+ CAR ALLOWANCE + UNIFORM ALLOWANCE+BOOK ALLOWANCE+ LTA + MEDICAL + P.F. = RS.1,15,000/- PER MONTH. OTHER THAN ABOVE HOSPITALIZATION EXPENSES(AS PER ACTUALS) + INCENTIVE PER YEAR ARE ADMISSIBLE.					

## (IV) LAST CORPORATE WORK (OVERSEAS)

DESIGNATION	COMPANY	DIVISION	DATE OF JOINING/ LEAVING	COMPANY STATURE
PROJECT MANAGER (AIRCONDITIONING)	INTERNATIONAL REFRIGERATION & AIRCONDITIONING CO (OMAN) L.L.C, MUSCAT. A SUBSIDIARY OF INTERNATIONAL GROUP OF COMPANIES APPROVED FOR DGPM (GOVT OF OMAN) JOBS	DESIGN AND PLANNING/ ESTIMATION, EXECUTION OF HEATING, VENTILATION, AIR-CONDITIONING (H.V.A.C.) PROJECT	2004 / FEBRUARY 2005	TAKING CONTRACTS & EXECUTING PROJECTS OF GOVT. OF OMAN (DGPM &ROYAL)& PRIVATE JOBS ON TURNKEY BASIS E.G. MUSCAT PALACE, MUSCAT/ SAYEEDA MOSQUE,MUSCAT / VIP VILLA SALALAH & MANY OTHER PROJECTS OF MILLIONS OF OMANI RIYAL
<b>SALARY DRAWN :</b> OMANI RIYAL 475 /- + BONUS +GRATUITY+LEAVE ENCASHMENT+FREE FURNISHED FAMILY ACCOMODATION(2 BED ROOM+DRAWING ROOM SET) WITH FREE ELECTRICITY, WATER,FAMILY STATUS WITH MOTHER,WIFE & CHILD WITH FULL AIRFARE TO & FRO DELHI ONCE IN TWO YEARS FOR SELF & FAMILY OTHER THAN ABOVE HOSPITALIZATION EXPENSES FOR SELF & FAMILY (AS PER ACTUALS) + COMPANY MAINTAINED CAR ADMISSIBLE 1 Omani Riyal =INDIAN RS 115/- AS ON NOVEMBER, 2004				

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## (V) TEACHING WORK :

DESIGNATION	UNIVERSITY	DEPARTMENT	DATE OF JOINING/ LEAVING	UNIVERSITY STATURE (NATIONAL)	UNIVERSITY STATURE (INTERNATIONAL)
ASSISTANT PROFESSOR (MECHANICAL)	RAI UNIVERSITY, SCHOOL OF ENGG. & APPLIED SCIENCES, NEW DELHI	MECHANICAL	19 TH MAY, 2004 / 17 <sup>TH</sup> SEPTEMBER, 2004	RATED AS NO.1 PRIVATE UNIVERSITY IN INDIA (HAVING MORE THAN 20 CENTRES AROUND THE COUNTRY)	HAVING COLLABORATION WITH LARGE NO OF UNIVERSITIES ABROAD
SALARY DRAWN : BASIC + DA + HOUSE RENT + UNIFORM ALLOWANCE+BOOK ALLOWANCE+ LTA + MEDICAL + P.F. = RS.25,000/- PER MONTH.					

## (VI) LAST WORK :

DESIGNATION	COMPANY	DIVISION	DATE OF JOINING/ LEAVING	COMPANY STATURE (NATIONAL)	COMPANY STATURE (INTERNATIONAL)
SENIOR ENGINEER	BLUE STAR LIMITED, ZONAL HEAD OFFICE, GURGAON, ISO 9001 CERTIFIED COMPANY	DESIGN AND PLANNING/ HEATING, VENTILATION, AIR-CONDITIONING (H.V.A.C.) PROJECT	JOINING: 25TH MAY, '98 LEAVING :18 <sup>TH</sup> NOV , 01	NO.1 IN INDIA IN CENTRAL AND PACKAGE AIR-CONDITIONING	EXECUTING LARGE NO. OF PROJECTS IN IRAQ, SYRIA, INDONESIA, MALAYSIA, LIBYA, SRI LANKA, SAUDI ARABIA,UAE, NEPAL, RUSSIA, BANGLADESH AND MAURITIUS.
SALARY DRAWN : BASIC + CCA + HMA + HRA + CONVEYANCE ALLOWANCE + SPL. ALLOWANCE FOR GURGAON + LTA + MEDICAL + P.F. + SUPERANNUATION BENEFITS = RS.20,000/- PER MONTH. OTHER THAN ABOVE GROUP INSURANCE SCHEME + ACCIDENT COVERAGE INSURANCE + HOSPITALIZATION EXPENSES + BONUS PER YEAR ARE ADMISSIBLE.					

## (VII) OVERSEAS EXPERIENCE :

DESIGNATION	COMPANY	SECTION	DATE OF JOINING	DATE OF LEAVING	SALARY DRAWN	COUNTRY OF WORK/ PROJECT NAME / PROJECT VALUE	COMPANY STATURE (GLOBAL)
H.V.A.C. ENGINEER	HYUNDAI ENGG. AND CONSTRUCTION CO. LTD./ H.O. SEOUL, SOUTH KOREA.	H.V.A.C. DESIGN	6TH MARCH, 1997	10TH MARCH, 1998	1000 US DOLLAR + PERKS PER MONTH	KUWAIT/ SABIYA POWER STATION PROJECT / 41 MILLION OF U.S. DOLLAR	WORLD LEADER (Operating globally in innumerable prestigious projects of worth billions of US Dollars)

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**(VIII) PAST EXPERIENCE (CORPORATE) :**

DESIGNATION	COMPANY	DIV.	DATE OF JOINING	DATE OF LEAVING	SALARY DRAWN	COMPANY STATURE (NATIONAL)	COMPANY STATURE (INTERNATIONAL)
Engineer	<b>BLUE STAR LTD., Zonal Head Office, New Delhi, India ISO 9001 certified Company</b>	Design and Planning, Heating, Ventilation, Air-conditioning (H.V.A.C.) Project	1st Dec., 1994	28th Feb., 1997	Gross Rs. 10,000 Approx. per month	No. 1 in India in Central & Package Air-Conditioning	Executing large No. of projects in Iraq, Syria, Indonesia, Malaysia, Libya, Sri Lanka, Saudi Arabia, UAE, Nepal, Russia, Bangladesh and Mauritius.

**(IX) PAST EXPERIENCE (TEACHING) :**

DESIGNATION	INSTITUTE	UNIVERSITY	PERIOD OF SERVICE	PAY SCALE DRAWN
FACULTY MEMBER (LECTURER)	COLLEGE OF ENGG. AND TECHNOLOGY, JALGAON.	POONA UNIVERSITY	1990-93	BASIC( 2200-4000) +DA + HRA + CPF

16. **MEMBERSHIP ATTAINED** : Attained **Life Membership** of **Indian Society for Technical Education (I.S.T.E.)** in the year 1992.  
**Membership of Indian Society of Heating, Refrigeration & Air-conditioning Engineers (ISHRAE)**
17. **ENGLISH LANGUAGE PROFICIENCY** : Cleared **TOEFL** and **TWE** (Conducted by **American Education Centre, New Jersey**).
18. **LANGUAGES KNOWN** : English, Hindi, Bengali, Marathi and Assamese.
19. **HOBBIES** : Reading Books on Philosophy, hearing songs, playing Cricket.
20. **FAMILY BACKGROUND** : Only son  
Father (Late) Mr. B.N. Chakraborty,  
Retd. Dty, Chief Officer, UCO Bank, Division Office.
21. **MARITAL STATUS** : Married, Having one daughter

**REFERENCE:**

**Dr. Biswajit Bhattacharjee**  
Associate. Professor  
Civil Engineering Department  
Indian Institute of Technology (I.I.T.)  
Hauz Khas, New Delhi - 110019

**Declaration:**

I hereby declare that the above mentioned particulars are correct to the best of my knowledge and belief. All the necessary documents may be produced as and whenever required by the concerned authority.

Date :08.04.15  
Place: Faridabad

**JOYDEEP CHAKRABORTY**

