

## CURRICULUM VITAE



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### **Bharat Raj Singh**

[AIM: To serve every human being by sharing en-riched experiences especially with future of Nation... mainly Students]

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#### **1.0 AWARDS: -**

- **YEAR, 1965-** AWARDED BY **HON'BLE GOVERNOR** OF UTTAR-PRADESH **SRI VISHWA NATH DAS** FOR PREPARATION OF WORKING MODEL OF SCIENTIFIC-INSTRUMENT.
- **YEAR, 1980-** AWARDED AS BEST OFFICER OF U.P.R.N.N. ON THE EVE OF ITS 5TH ANNIVERSARY ON 6<sup>TH</sup> AUGUST, 1980.
- **YEAR, 1994-** AWARDED "EXCELLENCE AWARD" (GOLD-MEDAL) BY ICME, BOMBAY AND CONFERRED "**SAMAJ SRI**" FOR EARTHQUAKE RELIEF WORK IN UTTARKASHI, TIHARI AND CHAMAULI IN THE YEAR, 1991-92.

#### **2.0 PRESENT JOB:**

- **ORGANISATION:** **Sagar Institute of Technology & Management, Barabanki.**
- **DESIGNATION :** **Professor**  
**SALARY :** Rs.35, 250/- in the grade of (Rs.16, 400 - 450 -20,900-500- 22,400) including basic Rs.19100+ [79% DA+10 % HRA] .Now salary revision is expected revision Rs.45, 000 - Rs.50, 000 w.e.f. Aug' 08.
- **POSITIONS / NATURE OF JOB:**  
DEAN [ADMINISTRATION]  
HEAD OF DEPARTMENT - MECHANICAL ENGG.

#### **SUBJECTS TAUGHT:**

- Industrial Engineering- 100 % Results - 2 Semesters
- Product Developments & Design- 100 % Results – 1 Semester
- Un-conventional Machining Processes- 100% Results – 2 Semesters

#### **PROJECTS SUPERVISED:**

- Industrial Project-Manufacture of Agriculture appliances
- Use of Compressed Air as an alternative to Fossil Fuel
- LPG driven Two Stroke Engine / Motor Cycle
- Gearless 90 degree rotational movement of a shaft
- Running Model of Solar Photo Voltaic Car

▪ **PAPER PRESENTED / PUBLISHED IN NATIONAL / INTERNATIONAL CONFERENCES:**

1. ***A Study of Compressed Air as an alternative to Fossil Fuel for Automobile Engines***-International Conference on Challenges & Strategies for Sustainable Energy and Environment- held on 10<sup>th</sup> & 11<sup>th</sup> June'2006 at UPTU, Lucknow.
2. ***Necessity & Potential of Biodiesel use in India***-International Conference on Bio-Fuels Vision- 2015-held on 13<sup>th</sup> -15<sup>th</sup> Oct'2006at College of Engg. Bikaner.
3. ***Recent Trends towards Manufacturing of Smart Automobile Vehicles***- National Seminar on Intelligent Technologies in Mechanical & Automotive Engg.-held on 5<sup>th</sup> & 6<sup>th</sup> Jan' 2007 at ITM, Gurgaon, Haryana.
4. ***The Need of Modern Approach In Manufacturing Processes for Automobile Engines***- National Conference on Recent Trends in Manufacturing Technology-held on 24<sup>th</sup> & 25<sup>th</sup> January '2007at HCST, Agara.
5. ***Recent Trend towards Use of Manufacturing Automation in Automobile Industry*** - National Conference on Advancement of Technologies-Global Scenario- held on 26-27<sup>th</sup> February' 2007 at GLAITM, Mathura.
6. ***Use of Non-Conventional Energy for Sustainability to Fossil Fuel***- National Conference on Recent Trend on Mechanical Engg., RAME-2007- held on 28-29<sup>th</sup> March' 2007 at Baba Sahab Dr. Bhim Rao Ambedkar College of Agricultural Engg. & Technology, Etawah.
7. ***Uses of Wind Power as a Non-Conventional / Renewable for Sustainability***-National Conference on State of Art Technology in Mechanical Engineering- STEM-2007-held on 29-31,October,2007 at College of Technology, GB Pant University, Pant Nagar, Uttaranchal.
8. ***Development of a Vaned Type Novel Air Turbine***-12<sup>th</sup> International Symposium on Transport Phenomena and Dynamics of Rotating Machinery (ISROMAC-12)- scheduled on 17-22, 2008 at Pacific Center of Thermal Fluids Engineering, sherton Mohana Surfriider Hotel, Honolulu, Hawaii.
9. ***An Approach to Optimize the Output of Vaned Type Novel Air Turbine***- 4<sup>th</sup> International Conference on Energy Research & Development (ICERD-4)- scheduled on November 17-19, 2008 at State of Kuwait.
10. ***A Study on Sustainable Energy Sources & its Conversion Systems towards Development of an Efficient Zero Pollution Novel Turbine to be Used as Prime-mover to the Light Vehicle*** -2008 ASME International Mechanical Engineering Congress & Exposition(IMECE-2008-66803),scheduled on October 31-November 6, 2008 at Boston, Massachusetts, USA.
11. ***Thermodynamic Evaluation of Compressed Air Storage Engine*** -2<sup>nd</sup> International Conference on Thermal Issues in Emerging Technologies Theory & Applications (ThETA-2-2008) scheduled on December 17-20, 2008 at Cairo, Egypt.

### 3.0 PROFESSIONAL QUALIFICATIONS:

- ❖ PURSUING FOR **PH.D. (ENERGY CONSERVATION.)** UNDER THE SUPERVISION OF Dr. ONKAR SINGH, PROFESSOR, HARCOURT BUTLER TECHNOLOGICAL INSTITUTE, KANPUR. THE TOPIC IS “**DESIGN & DEVELOPMENT OF ZERO POLLUTION AIR ENGINE**”
- ❖ **M.E. (ANALYSIS & DESIGN)** WITH 62% FROM M.N.REGIONAL ENGG. COLLEGE, ALLAHABAD UNIVERSITY IN 1988.
- ❖ **B.E. (MECHANICAL)** WITH 65% FROM SV REGIONAL COLLEGE OF ENGG. & TECHNOLOGY, SURAT, SOUTH GUJRAT UNIVERSITY IN 1972.

### 4.0 ACADEMIC QUALIFICATIONS:

- INTER MEDIATE SCIENCE WITH II DIVISION FROM UP BOARD, ALLAHABAD IN 1965.
- HIGH SCHOOL Exams. WITH II DIVISION FROM UP BOARD, ALLAHABAD IN 1963.

### 5.0 EXPERIENCES:

(32 YEARS INDUSTRIAL & APPROX. 3 YEARS ACADEMICS)

JOINING DATE	ORGANISATION	DESIGNATION	GRADE	NATURE OF JOB
DECEMBER' 2004 To Till Date	SITM, BARABANKI	PROFESSOR, HOD-ME & DEAN	16,400-450-20,900-500-22,400 [Rs.35,250]	H O D & DEAN[ADMIN]
FEBRUARY' 2004 TO JULY'2004	UPRNN,LUCKNOW	CONSULTANT	18,200-22,000	MONITORING & CONTROL AT HQ
NOVEMBER' 2003 TO JAN'2004	UPRNN,LUCKNOW	CHIEF GENERAL MANAGER	5900-6300 (Rev.18,200-22,000 )	MONITORING & CONTROL AT HQ
10 <sup>th</sup> OCT' 2003 to30TH OCT'2003	UPRNN,LUCKNOW	MANAGING DIRECTOR	5700-6150	WORKED AS CHIEF EXECUTIVE OF ORGANISATION
25 <sup>TH</sup> FEB'2003 TO 9 <sup>TH</sup> OCT'2003	UPRNN,LUCKNOW	CHIEF GENERAL MANAGER [COMMERCIAL]	5700-6150	LIASONING & MONITORING OF PROJECT, WORK PROCUREMENT AT GOVT LEVEL
3 <sup>RD</sup> SEP'2002 TO 24 FEB'2003	UPRNN,LUCKNOW	GENERAL MANAGER [COMMERCIAL]	5100-5900	DETAILS AS ABOVE
29 <sup>TH</sup> OCT'1992 TO 2 <sup>ND</sup> OCT'2002	UPRNN,LUCKNOW	ADDITIONAL GENERAL MANAGER [COMMERCIAL]	4350-5700	DO
30 <sup>th</sup> June'1990 to 29 <sup>th</sup>	UPRNN,LUCKNOW	SENIOR PROJECT MANAGER.	4100-5300	DO

Oct.'1992				
21 <sup>ST</sup> JUNE' 1987 TO 30 <sup>TH</sup> JUNE' 1990	UPTRON INDIA Ltd., LUCKNOW	CHIEF MANAGER[PROJECT], GENERAL MANAGER[PROJ]	5700-6150	DO
5 <sup>TH</sup> AUG' 1985 TO 20 <sup>TH</sup> June'1987	UPRNN, LUCKNOW	SENIOR PROJECT MANAGER.	1840-2400 (Rev. 4100-5300)	DO
1 <sup>ST</sup> AUG' 1978 TO 5 <sup>TH</sup> Aug'1985	UPRNN, LUCKNOW	PROJECT MANAGER.	1400-1800	DO
1 <sup>ST</sup> Dec.' 1976 to 31 <sup>ST</sup> July' 1978	UPRNN, LUCKNOW	Resident Engineer	800-1450	DO
1 <sup>ST</sup> Oct' 1973 to 30 <sup>th</sup> Nov.' 1976	HSCL, NAINI	Asst. Divisional Engineer	650-1200	DO
13 <sup>th</sup> July' 1972 to 30 <sup>th</sup> Sep'1973	HSCL, NAINI	Technical Assistant	325-550	DO

## 6.0 MAJOR PROJECTS HANDLED, ADMINISTRATIVE ROLE AND ACADEMIC EXPERIENCES:-

### 6.1 HSCL, NAINI: [1972-1976]

WAS ASSOCIATED FOR CONSTRUCTION & INSPECTION INCHARGE FOR:

- BHARAT PUMPS & COMPRESSOR LTD., NAINI FACTORY
- INDIAN TELEPHONE FACTORY LTD, NAINI
- TRIVENI STRUCTURAL LTD. , NAINI- FABRICATION TOWER STRUCTURE
- LAUNCHING GIRDER FABRICATION AND INSTALLATION AT BETWA RIVER , DISTT.-HAMIRPUR

### 6.2 UPRNN: [1976-1987]

WAS ASSOCIATED FOR PROJECT CONSTRUCTION FOR:

- UP STATE SUGAR CORPORATION –CONSTRUCTION OF FACTORIES-13 NOS- Earliest **completion in 13- month's time. Unbroken state record & Nigam received state award**
- AUTO TRACTORS LTD., PRATAPGARH- FACTORY CONSTRUCTION COMPLETED IN 18-MONTHS
- UP STATE & CO-OPERATIVE TEXTILES MILLS CONSTRUCTION-14 NOS
- BHEL JAGDISHPUR INSULATOR PLANT- CONSTRUCTION GOT DONE IN-18 MONTHS
- BHEL, VARANASI HEAVY REPAIR PLANT- CONSTRUCTION GOT DONE IN-11 MONTHS
- PONTOON FABRICATION-110 NOS GOT DONE IN -3 MONTHS
- BPCL, LPG PLANT CONSTRUCTION GOT DONE IN -8 MONTHS

### 6.3 UPTRON: [1987-1990]

WAS ASSOCIATED FOR PROJECT CONSTRUCTION FOR:

- UPTRON COLOUR PICTURE TUBE FACTORY AT SAHIBABAD-First Phase got completed in 6- months
- UPTRON TV FACTORY, CHANDOWAK, JAUNPUR- Completed in 10-Months

- UPTRON DIGITAL FACTORY, AT GOMATI BARRAGE, LUCKNOW–Got completed in 12 Months.
- UPTRON CONTROL SYSTEM FACTORY, CHINHAT,LUCKNOW- 18 Months

#### 6.4 UPRNN: [1990-2004]

WAS ASSOCIATED FOR ADMINISTRATIVE JOBS:

- PROCUREMENT, MONITORING OF PROJECT WORK
- EARTH QUAKE RELIEF WORK AT TIHARI, UTTAR KASHI AND CHAMAULI
- ATTENDING MEETINGS AT GOVT. & CLIENT LEVEL
- HOLDING MEETING AT CORPORATE LEVEL
- DEALING WITH ADMINISTRATIVE & ESTABLISHMENT ISSUES
- DEVELOPING MODERN TECHNIQUES FOR COMPUTERIZED MONITORING SYSTEMS AND ITS FOLLOW UP.
- PREPARATION AND LAUNCHING OF WEB SITE OF UPRNN <http://www.welcome.to/brsingh> & <http://www.welcome.to/uprnnlko> ON DYNAMIC HTML
- CONSULTANT TO UPRNN FOR ALL TECHNICAL MATTER AND PURSUANCE OF SANCTIONS & RELEASE OF FUNDS FROM GOVT. / CLIENTS.

#### 6.5 SITM: [2004-2007-Continuing...]

- **PROFESSOR & HEAD IN MECHANICAL DEPARTMENT**
- **DEAN –ADMINISTRATION**
- **LIBRARY CONVENER-** POSITION HELD UPTO SEPTEMBER' 2006
- **COORDINATOR-TRAINING & PLACEMENT-** POSITION HELD UPTO SEPTEMBER' 2006.

#### 6.6 KGDU: [Aug'2006 - June'07]

- **TECHNICAL ADVISOR, KING GEORGE DENTAL UNIVERSITY, LUCKNOW**

#### 7.0 NATURE OF JOBS HANDLED PRIOR TO ACADEMICS:

**EXECUTIVE & MANAGERIAL JOBS:** PROCUREMENT OF MATERIALS, FABRICATION OF STRUCTURE, ERECTION & SHEETING WORKS, GETTING INSPECTION DONE AND COORDINATION ACTIVITIES WITH OFFICERS.

**ADMINISTRATIVE JOBS:** ALSO HEADED THE COMMERCIAL, FINANCE, ESTABLISHMENT, DESIGN AND OTHER ADMINISTRATIVE RESPONSIBILITIES.

**HIGHEST POSITION:** JOINED HSCL, AS “**TECHNICAL ASSISTANT**” IN 1972 AND WITH VARIOUS RESPONSIBILITIES AT ABOVE STATED ORGANISATIONS, ATTAINED THE HIGHEST POST OF STATE “**MANAGING DIRECTOR**” IN 2003-2004.

#### 8.0 PERSONAL DATA:

NAME:	<b>BHARAT RAJ SINGH</b>
FATHER'S NAME:	LATE SRI RAM SAGAR SINGH
DATE OF BIRTH:	05.01.1946