

CURRICULUM VITAE



Bharat Raj Singh

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

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 6TH 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.32, 010/- in the grade of (Rs.16,400 - 22,400) including basic Rs.19100+ [64% DA+Rs.900- Transport]
- **POSITIONS / NATURE OF JOB:**
DEAN [ADMINISTRATION]
HEAD OF DEPARTMENT - MECHANICAL ENGG.

SUBJECTS TAUGHT:

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

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 10th & 11th June'2006 at UPTU, Lucknow.
2. **Necessity & Potential of Biodiesel use in India**-International Conference on Bio-Fuels Vision- 2015-held on 13th -15th 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 5th & 6th 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 24th & 25th 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 26-27th 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 28-29th 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**-12th 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. **Optimal Uses of Wind Energy leading towards a Novel Resource for Future Sustainability**-ASME 2nd International Conference on Energy Sustainability (ES-2008)- scheduled on August 10-14, 2008 at Jacksonville, Florida, USA".
10. **An Approach to Optimize the Output of Vaned Type Novel Air Turbine**-4th International Conference on Energy Research & Development (ICERD-4)- scheduled on November 17-19, 2008 at State of Kuwait.
11. **Study on Energy Storage System for 21st Century and Uses of Compressed Air as an Alternative to Fossil Fuel for Light Transport Engines** - ASME 2nd International Conference on Energy Sustainability (ES-2008-54229) scheduled on August 10-14, 2008 at Jacksonville, Florida, USA.
12. **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.
13. **Thermodynamic Evaluation of Compressed Air Storage Engine** -2nd 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 FOR TWO WHEELER.”**
- ❖ **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 th OCT' 2003 to30TH OCT'2003	UPRNN,LUCKNOW	MANAGING DIRECTOR	5700-6150	WORKED AS CHIEF EXECUTIVE OF ORGANISATION
25 TH FEB'2003 TO 9 TH OCT'2003	UPRNN,LUCKNOW	CHIEF GENERAL MANAGER [COMMERCIAL]	5700-6150	LIASONING & MONITORING OF PROJECT, WORK PROCUREMENT AT GOVT LEVEL
3 RD SEP'2002 TO 24 FEB'2003	UPRNN,LUCKNOW	GENERAL MANAGER [COMMERCIAL]	5100-5900	DETAILS AS ABOVE
29 TH OCT'1992 TO 2 ND OCT'2002	UPRNN,LUCKNOW	ADDITIONAL GENERAL MANAGER [COMMERCIAL]	4350-5700	DO
30 th June'1990 to 29 th Oct.'1992	UPRNN,LUCKNOW	SENIOR PROJECT MANAGER.	4100-5300	DO
21 ST JUNE' 1987 TO	UPTRON INDIA Ltd., LUCKNOW	CHIEF MANAGER[PROJEC	5700-6150	DO

30 TH JUNE' 1990		T], GENERAL MANAGER[PROJ]		
5 TH AUG' 1985 TO 20 TH June'1987	UPRNN, LUCKNOW	SENIOR PROJECT MANAGER.	1840-2400 (Rev. 4100-5300)	DO
1 ST AUG' 1978 TO 5 TH Aug'1985	UPRNN, LUCKNOW	PROJECT MANAGER.	1400-1800	DO
1 ST Dec.' 1976 to 31 ST July' 1978	UPRNN, LUCKNOW	Resident Engineer	800-1450	DO
1 ST Oct' 1973 to 30 TH Nov.' 1976	HSCL, NAINI	Asst. Divisional Engineer	650-1200	DO
13 TH July' 1972 to 30 TH 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/uprnnlko> & <http://www.welcome.to/brsingh> 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: [2006-Continuing...]

- **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:	BHARAT RAJ SINGH
FATHER'S NAME:	LATE SRI RAM SAGAR SINGH
DATE OF BIRTH:	05.01.1946