

## **CURRICULUM VITAE**

NAME : SHASHIDHAR RAM KASHYAP

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DATE OF BIRTH : 06-09-1953

MARITAL STATUS : MARRIED

### **SCHOOL AND UNIVERSITY RECORD.**

DEGREE/CERTIFICATE DATE AWARDED	SCHOOL/COLLEGE/ UNIVERSITY	SUBJECTS; MARKS AND CLASS OBTAINED
A.I.S.S.C (MATRIC) DECEMBER 1969	BISHOP COTTON BOYS' SCHOOL, BANGALORE	II CLASS; 58% SCIENCE
B.Sc.( Hons) MARCH 1974	BHAVAN'S COLLEGE, ANDHERI, MUMBAI UNIVERSITY	I CLASS; 60% MICROBIOLOGY CHEMISTRY
M.Sc. MAY 1976	CANCER RESEARCH INSTITUTE, PAREL MUMBAI UNIVERSITY	I CLASS; 61.2% BIOPHYSICS
D.B.M DECEMBER 1980	INDIAN MERCHANT'S CHAMBER, MUMBAI	II CLASS; 55% MANAGEMENT SUBJECTS
D.O.R.M MAY 1983	MUMBAI UNIVERSITY	67.5%; OPERATIONS RESEARCH SUBJECTS
D.M.M. MAY 1984	NMIMS, MUMBAI UNIVERSITY	60.7%; MARKETING MANAGEMENT
Ph.D JANUARY 1988	ST.XAVIER'S COLLEGE, MUMBAI UNIVERSITY	MICROBIOLOGY

### **PROFESSIONAL TRAINING PROGRAMS**

1. Attended a Program on Industry and Environmental Protection for India ( Water Pollution Treatment) in Feb / March 1996 at Yokohama, Japan. This course was fully funded by Association of Overseas Technical Scholarships and MITI, Japan.
2. Attended a Specialised Managerial Training Course in ISO 9000 / Total Quality Management conducted by Small Industries Service Institute, Mumbai in January 2002
3. Passed the Lead Auditor Exam for Environment Management Systems : ISO 14001 conducted by IIQM, Jaipur & certified by DNV in the year 2002.
4. Attended a Training Workshop on Reverse Osmosis Water Treatment Systems conducted in Mumbai by Everything About Water.
5. Attended a Training Program on Laboratory Quality Management Systems and Internal Audit as per IS 17025 conducted by National Institute for Training and Standardization, Bureau of Indian Standards, Noida in December 2010.
6. Attended IGBC programs on Green Buildings.
7. Conducted a workshop on Green Environment at Somaiya College in March 2016.

### **WORK DONE IN THE FIELD OF WATER MANAGEMENT AS A PART OF EUREKA FORBES INSTITUTE OF ENVIRONMENT.**

1. **RAIN WATER HARVESTING FOR HOUSING SOCIETIES AND INDUSTRIES IN AND AROUND MUMBAI – 120 PROJECTS SAVING OVER 600 MILLION LITRES OF WATER EVERY YEAR.**
2. **BATH WATER RECYCLING PROJECTS EG., TARDEO SCHOOL FOR THE BLIND – RECYCLING 6000 LITRES EVERY DAY.**
3. **AWARENESS PROGRAMS ON AIR AND WATER POLLUTION, RAIN WATER HARVESTING, WASTE WATER RECYCLING ETC FOR SCHOOLS, COLLEGES, CORPORATES, ROTARY CLUBS, ETC.**

Was an expert team member in a collaborative project between MPNsystems and UNEP DTU from Jan 2017 to March 2017 :

“Developing a sustainable framework for community-based private sector financed flood resilience efforts in Mumbai”.

Was Deputy General Manager – Purification Systems from April 2011 to September 2013 (retired on 30/09/2013).

Was Program Director of the Eureka Forbes Institute of Environment from 2009 to 2013.

### **POSITION HELD**

SENIOR MANAGER – PURIFICATION SYSTEMS

EUREKA FORBES LTD., MUMBAI

Experience : from March 2002 -- March 2011

Nature of Duties:

1. Management of Laboratory Operations in the Region ( Mumbai, Maharashtra and Goa laboratories).
2. Water Quality Analysis of water samples obtained from Aquaguard installed at customers' homes.
3. Ground water mapping in Maharashtra and Goa
4. Pre-launch testing of water purifiers
5. Performance trials of new water purifier models under actual field conditions for evaluating suitability under different water quality conditions.
6. Performance evaluation of water purifiers in terms of customer satisfaction
7. Obtain Product Certification from Recognized Third Party Laboratories.
8. Support R & D in development of water purifiers
9. Conduct product training programs for sales, service and customer relations personnel on a periodic basis.
10. Conduct awareness programs on Air and Water pollution in Schools for children from Class VI to IX.
11. Conduct awareness programs on Rain water Harvesting in Schools, Colleges, Rotary Clubs, and in Housing Societies.
12. Monitor Ambient Air Quality for SPM, NO<sub>x</sub>, SO<sub>x</sub>, on a daily basis.
13. Monitor Ground water Quality on a fortnightly basis in Mumbai and Goa.
14. Monitor Quality of Water Purifiers before dispatch to customers.

#### POSITION HELD

ASSISTANT GENERAL MANAGER ( IMPORTS/WATER PURIFIERS)  
BAJAJ ELECTRICALS LTD., MUMBAI

Experience : from September 1997 to February 2002

#### Nature of Duties

1. Development of Systems for purification of drinking water for domestic use.
2. Involved in the design and implementation of SMPS & Inverter circuitry for UV water purifier.
3. Developed and implemented a silver based ceramic candle for use in gravity water purifiers – Silver Supreme range
4. Involved in the development of Activated Carbon Filters for Water Purifiers.
5. Manufacture and Quality Assurance activities at vendors plants.
6. Testing and Certification of Water Purifiers from External Agencies.
7. Distribution of water purifiers and spares to branches all over India
8. Handling of customer complaints / queries / feedback
9. Training of Sales Force of Company / Distributors / Direct Selling Agents
10. Liaison with Technology Companies for New Product introduction.
11. Involved in ISO 9000 activities for manufacturing setup as well as for the Appliance Division of the company.
12. Import of Appliances.
13. Marketing activities related to support for sales force
14. Liaison with Advertising Agencies for briefing on design for carton, brochure and guarantee cards.

#### POSITION HELD

SENIOR MANAGER – PURIFICATION SYSTEMS & EXPORTS  
EUREKA FORBES LTD., MUMBAI

Experience : from Feb 1996 to September 1997.

#### Nature of Duties.

1. Involved in Export Operations of Water Purifiers to Countries like Middle East, Nepal, Sri Lanka and Myanmar etc.
2. Technical support to exports in terms of new product development, or modification of existing products : viz.: developed an iron removal filter first for Myanmar market, it is also being marketed in India even today. Developed an under the sink model of water purifier for Israel market.
3. Involved in intensive training of sales personnel for marketing of Euroair Air Purifier in Mumbai market.

**POSITION HELD**

**MANAGER – WATER ANALYSIS & DEPOLLUTION**

**EUREKA FORBES LTD., MUMBAI**

Experience from September 1989 to January 1996

**Nature of Duties.:**

1. Water testing / Analysis of water samples obtained from customers' Aquaguard water purifiers.
2. Water Quality Analysis for existing branches of the company whenever requested / needed.
3. Water Quality survey for opening new branches in the Western Region ( Maharashtra, Goa and Gujarat).
4. Product testing and ensuring that the Aquaguard ( water filter cum purifier) received at various branches meet the specifications.
5. Monitoring product performance in the field.
6. Coordinating with franchise / Approved laboratories in locations in the West.
7. New Product Development – was involved in the development of ozone water purifier, reverse osmosis and water softening systems, iodinated resin water purifiers.

**POSITION HELD**

**UNICHEM LABORATORIES LTD., MUMBAI**

Experience : from March 1977 to August 1989

**Nature of Duties**

1. Maintenance of microbial cultures, strain improvement, isolation and testing of micro-organisms for enzymes and antibiotics.
2. Fermentation process studies for control and optimization.
3. Handled production of the following products upto 1000 litres scale
  - Antifungal Antibiotic from *Strptomyces* spp
  - Dextran
  - Calcium Gluconate from fungal spp
  - Dextranase enzyme etc.
4. Was in charge of the Effluent Treatment Plant and Control Laboratory
5. Handled Waters HPLC for Analytical and Development work
6. Have standardized an Immunological Pregnancy Test ( modified) using haem-agglutination inhibition technique.
7. Have also worked on the laboratory scale preparation of various diagnostic kits, including stability studies on the reagents.

#### Memberships of Associations

1. Life member of the Association of Microbiologists of India
2. Life Member of the Indian Pharmaceutical Association
3. Member of the Indian Water Works Association
4. Life Member of Association of Overseas Technical Scholarships( AOTS), Mumbai Chapter.

#### Scholarships

1. Bhavan's College Merit Scholarship – 1972
2. Bombay University Merit Scholarship – 1975/76

#### Publications

1. Kashyap,S.R. and Korgaonkar,K.S. “ Energy from Rat Tail Tendon Fibres”, Ind.J.Exp.Biol. ( 1977),15,130
2. Kashyap,S.R. “ Water Quality Management” in an Update on Microbiological Quality Assurance in Food, Pharma & Cosmetic Industry – workdhop organized by Association of Microbiologists of India with AFST & PFNDA.
3. Unpublished : Correlation between Microbiological Activity of an Antifungal Antibiotic and its HPLC profile – S.R.Kashyap, J.L Soman, J.V.Japee and S.R.Koppikar.
4. Neha Karotkar, S.R.Kashyap and Manoj Parelkar (2017) : Revival of Public Parks in Wardha ( part of the dissertation of Neha Karotkar), IJISRT.
- 5.Priya Latha, S.R.Kashyap, and Roshni Udyavar Yehuda (2017) Hybrid Hydroponic System:A Sustainable Technology on Façade for Grey Water Recycling for High Rise Buildings, International Journal of Architecture and Infrastructure Planning. ( part of the dissertation of Priya Latha).

#### TEACHING ASSIGNMENTS

1. Have taught undergraduates and post graduates as an honorary lecturer – topics included industrial microbiology, basic genetic engineering, bio-insecticides & biochemical engineering fundamentals.
2. Rachna Sansad Institute of Environmental Architecture and Rizvi College of Architecture – taught M.Arch.( Env) students Water and Waste Water Management, Quality Management Systems from 2006 to 2017
3. Visiting Faculty at Somaiya College for M.Sc. Environment students from 2014 to 2017
4. Visiting Faculty at SIES, Nerul – in the Institute of Environmental Management for their PG course from 2014 to 2015

#### Workshops, Seminars and Conferences

1. Attended a Workshop on Genetic Engineering – Basic Techniques, organized by the Association of Microbiologists of India at Mumbai.
2. Seminar cum Workshop on Microbiological Treatment of Industrial Wastes conducted at Garware College, Pune.
3. Short Course on Process Design for Biological Waste Water Treatment at Indian Institute of Technology, Mumbai ( 1982)
4. Conference on Disaster Control in Industries
5. Envirotech 1986 – Air, Water, Noise Pollution Control and Solid Waste Management in Industries.
6. Annual Conferences of AMI & IWWA
7. Afro-Asian Conference II on Water organized by IWWA, Mumbai.
8. Seminars & Conferences organized by BCCI & CII

#### Other Attainments

1. Certificate in Systems Analysis & Computer Programming ( BASIC) from Ador Consultants, Mumbai in Feb 1981.
2. Certificate from Esso Eastern Inc and Hindustan Petroleum Ltd. For participation in the Ideas in Action Exhibitions. In the 1975 Exhibition our exhibit Power from Muscles won the third Prize.
3. Certificate from National Dairy Research Institute, Bangalore – Attended a training course in Dairy Bacteriology in 1973.
4. Certificate from the Bombay humanitarian League – stood second in the prize essay competition and was awarded the prize in 1974 – Essay was entitled “ Vegetarianism in relation to World Food Problem”.
5. Awarded the President’s Scout Badge and certificate in 1971.
6. Certificate from the Indo-German Society, Mumbai for passing the German Language Course I in 1970 ( Beginners).

#### Extra-Curricular Activities

Interested in indoor and outdoor games like chess, table tennis, cricket and karate. Participate in 10K runs.

