

## RESUME

NAME : Dr. ASHOK SHAH

DATE OF BIRTH : March 13, 1949

ACADEMIC QUALIFICATION :

Industrial Biotechnology : GBF - Germany (1991)

Ph. D. : 1978, Bombay University,  
Department of Chemical Technology  
(B.U.D.C.T.)

Subject : MICROBIOLOGY :  
"Chemical Transformation by  
Micro-organisms."

M. Sc. : 1972. M. S. University, Baroda  
MICROBIOLOGY (General, Medical,  
Industrial)  
Molecular Biology, Biochemistry.  
Biochemical Engineering.  
M.Sc./Ph.D.Examiner-Bombay  
University.

D Member of Advisory Board –  
Microbiology and FR  
South Gujarat University, SURAT.  
(2001-02)

D Member DRCC, Mumbai Division (WR).  
(2002)

D Organic Farmer since 1992.

### PAPER PRESENTED

31. "NO COST - LOW COST ORGANIC FARMING" AND VALUE ADDITION.  
Seminar on International Organic Products - From the field to the consumer -  
International Competence Centre for Organic Agriculture (ICCOA) Bangalore;  
13-14 Dec.2004.
30. SUSTAINABLE PLANTATION / PRODUCTION OF MEDICINAL AND  
AROMATIC PLANTS, Medicinal Herbs & Plants; scope for Diversified &  
Sustainable extraction - International workshop by FAO; CFC & Biocentre;  
Govt. of Karnataka.Bangalore - 22-26 July 2004.
29. NATIONAL SEMINAR ON STANDARDS AND TECHNOLOGY FOR  
RURAL/URBAN COMPOST, Ministry of Agriculture, Govt. of India at Indian  
Institute of Soil Science (ICAR) BHOPAL, 17th Jan. 2004.
28. ORGANIC FARMING OF BANANA | Global Conference on Banana & Plantain;  
28-31 Oct 2003, BANGALORE.
27. ORGANIC FARMING OF MANGO AND RELULAR YIELDS at Krishi Mela,  
Junagadh Agriculture University, 8 Oct. 2003.
26. "ORGANIC FARMING OF HORTICULTURE CROPS IN ANCIENT INDIAN  
LITERATURE" at Organic Farming In Horticulture for Sustainable Production.  
CISH; LUCKNOW, 29 & 30th August 2003.

25. ORGANIC FARMING OF AOLA AND A FEW TIPS FOR BETTER YIELDS at National Symposium on Aola, Horticulture Society / Board, India - SALEM (T.N.); 8-10 August 2003.
24. COMPANION PLANTATION OF MEDICINAL PLANTS WITH LOW COST NO COST ORGANIC FARMING. National Workshop on Safed Musli & Vansampada, RAIPUR (C.G.), 11th June 2003.
23. FROM NAGABAVA'S OF FOREST TO CIVILISED SOCIETY OF CITY; Medicinal, Aromatic Plants & Value Addition. Swami Ramananda Tirth Institute, HYDERABAD, 15-17th March, 2003.
22. NO COST LOW COST CULTIVATION IN INDIAN VILLAGES Bhartiya Viparan Vikas Kendra; Ahmedabad, Gujarat. Swadeshi Mela, Maghsud-3, Yugand-5101.
21. VASTU SHASTRA AND PLANTATION - Institute of Vastu Science, India; Vastu Convention, SURAT, 1st & 2nd June 2002.
20. ANCIENT INDIAN LITERATURE & HORTICULTURE PRACTICES & ALSO BIOTECHNOLOGY. Namdhari Seeds, BANGALORE, 10th April 01.
19. IS ORGANIC FARMING POSSIBLE IN INDIA ? I SIGNIFICANCE OF AYURVEDA. CFTRI; MYSORE, 9th & 10th April 2001.
18. SIGNIFICANCE OF ORGANIC FARMING I MEDICINAL PLANTATION. Research Staff, Post Graduate Students, Teaching Staff. U.A.S.; GKVK Campus, BANGLORE : 3rd & 11th April 2001.
17. APPLICATION OF BIOTECHNOLOGY; ORGANIC FARMING in MEDICINAL and AROMATIC crops for National prosperity in 21st century, National seminar on transfer of technology of Medicinal and Aromatic crops. University of Agriculture Science, BANGALORE, 20-22 Feb. 2001.
16. BIOTECHNOLOGY, The Technology for 21st Century, Professor's refresher course, U.G.C., Faculty of Bioscience, South Gujarat University, SURAT, 8th Nov. 2000.
15. USE OF PLANTS/NATURAL RESOURCES AS BIOCONTROL IN AGRICULTURE; Centre for Bhartiya Marketing Development, Sardar Patel Stadium, AHMEDABAD, 7th Feb. 2000.
14. ANCIENT INDIAN LITERATURE AND SCIENCE OF AGRICULTURAL PRACTICES. 4TH IFOAM - ASIA Scientific conference and general assembly, PHILIPPINES, Nov. 18-21, 1999.
13. CHALLENGES & OPPORTUNITIES FOR MEDICINAL PLANTS - National Seminar on Herbal plants at Anand Agriculture University, ANAND, 20th June 1998.
12. "AGRICULTURAL BIOTECHNOLOGY" Department of Microbiology / Science College, NAVSARI, Gujarat. 23rd Feb. 1998.
11. AYURVEDIC PREPARATION, DEVELOPMENT, SAFETY AND SCIENCE OF PLANTATION. Food & Drug Laboratories (Golden Jubilee) VADODARA, 7th Oct. 1997.
10. ANCIENT INDIAN RELIGIOUS LITERATURE & SCIENCE OF PLANTATION, Nehru Centre, Neem Foundation, BOMBAY 17th Jan 1998.

9. ANCIENT INDIAN LITERATURE AND AGRICULTURAL SCIENCE & (B) SEA - WEEDS FOR SUSTAINABLE AGRICULTURE at International Conference on creativity and innovation at grass roots for sustainable Natural Resource Management IIM - AHMEDABAD, Jan 11th - 14th 1997.
8. NEEM AND THE NINE JEWELS, World of Neem, U.D.C.T., Bombay, Dec. 1996.
7. COW, VILLAGE & NEEM (Symbolic) FOR PROSPERITY & NATIONAL CHARACTER OF INDIA, Neem Conference, Vigyan Bhavan, Ministry of Environment & Forestry, NEW DELHI : 17th Jan 1996.
6. ANCIENT INDIAN LITERATURE & NEEM - Global Neem Conference, Hotel Holiday Inn., BOMBAY, 1995.
5. RECENT ADVANCES IN STEROID TRANSFORMATION AND ITS SCOPE IN INDIA; 21st Annual Conference of A.M.I., BOMBAY, 1980.
4. 11 - B, HYDROXYLATION OF PROGESTERONE by C. lunata, NRRL 2380; Industrial Fermentation Symposium, RRL (CSRI) JAMMU - TAWI, 1978.
3. GLUCOSE - ISOMERASE; C.F.T.R.I., MYSORE, 1977.
2. MICROBIAL ENZYMES IN THE PROCESSING OF FOODS & FEEDS; 17th Annual Conference of A.M.I., MANIPAL, 1977.
1. LOCATION OF GLUCOSE - ISOMERASE SYSTEM IN OSMOPHILIC YEAST; 15th Annual Conference of A.M.I., BANGLORE, 1974.

Delivered series of lecture on various aspects of Biotechnology, Biodiversity, Biocompost, Bioculture, Biocontrol, Organic Farming of Crops, Horticulture, Ayurvedic-Medicinal Plantation, Agroforestry, Value Addition, Environment, Astrology/Vastu & Plants, Scientific usage of water and water conservation at many villages and cities covering 21 states of India through Sahakari Sanghs, APMC; Forest Dept, Sugar Factories, K.V.K., Universities, Colleges, Schools, Social clubs like Rotary, Lions, Jaycee, Rotract, Nagarpalikas, Govt./Semi Govt. Agencies, NGOs, Vasundhara Trust, Swad Trust, SAVA, etc. Founder and Patron member of ICCOA, Bangalore.

#### INDUSTRIAL EXPERIENCE :

- D Industrial experience of about 25 years in senior position like Production Manager, Gen. Manager etc. in multinational and well known Indian Companies. This was related to Antibiotics, Pesticides, Fine Chemicals, Formulation and Natural/Ayurvedic preparation.
- D Prior to Ph. D. Degree : Five years experience in the field of fermentation, particularly fine chemicals, antibiotics, steroids, formulation etc. Well conversion with quality control aspects. Winner of outstanding performance awards of the organisation.
- D Production of Natural growth promoters ; Soil conditioner ; Pesticides ; Biocides; Natural Animal feed ingredients ; Organic fertilizer from solid waste and Biocultures for sustainable agriculture.

#### RESEARCH EXPERIENCE :

- D A dissertation on the subject "SOME ASPECTS OF BIOSYNTHESIS OF RIBOFLAVIN in E.ashbyii, submitted to M.S. University, Baroda for M. Sc. (1970 - 72).

Research work carried out on :

- D Conversion of Glucose to Fructose by the enzyme glucose isomerase.
- D Some aspects of 11 - Hydroxylation of Steroids at Food and Fermentation Section, B.U.D.C.T. Bombay for Ph. D. (1973-77).
- D In Microbiology & Fermentation Technology of Vitamins, Enzymes, Antibiotics, Steroids, Alcoholic beverages, Micro-organisms for agriculture, Natural agriculture products, Ayurvedic preparation, Medicinal Plants, Organic farming, Biocompost etc.

SPECIAL TRAINING / EXPERIENCE : (Technical and Management) :

- D Visited USA (1981, 1986, 2004) ITALY (1981, 86, 87, 94) TAIWAN (1984) U.K. (1986) for Technical Training & Discussion in the fields of fermentation, pesticides, fine chemicals and effluent treatment.
- D Attended International Antibiotics manufacturing meeting (Cynamide Italy, 1987) & Global Animal Feed Ingredients meeting / workshop (Cynamide SPAIN 1987).
- D Special Management Training through MBO, Kepner Tregoe, Managerial effectiveness etc.
- D Actively involved and represented management during Management Union negotiations for the settlement of Charter of Demands for the period 1985 through 1987. Discussion with Government for capacity and price increase of bulk drugs.
- D Attached to various social organisation like Rotary Club, Chairman, AGRO Development, Rotary International (3063). President ; Rotary Club Of Bulsar (1998-99).
- D Trained at GBF (GERMANY) in Industrial Biotechnology (1991).
- D Visited ISRAEL (1993) for AGRITECH - 93 visits / training at various Agricultural Institutes & fields for advance agricultural information / training & natural farming.
- D Visited ITALY (1994) for technical evaluation of the fermentation process and plant.
- D Technical advisor to various organisations, companies, nagarpalika etc. for Ayurvedic Medicines, tissue culture, natural/bio-organic farming, agri-based products, agro-forestry, utilisation of solid city waste; industrial waste; fermentation and biotech related projects.

December, 2004

- D Conversant with various Microbial Fermentations; Industrial Biotechnology & Agricultural Biotechnology from Laboratory scale to Industrial levels.
- D Adviser to Allopathic / Ayurvedic Pharmaceuticals Co. on need basis.  
Sugar Factories,

## Agricultural Companies.

- D Management Training by the best of Institutes.
- D Director, GNFC (Bharuch), Gujarat.
- D Director, GVFL, Gujarat.
- D Member, Centre advisory committee on "Agricultural & Rural Lending", Bank of Baroda.
- D Technical Training at U.S.A., U.K., Spain, Israel, Italy, Taiwan, Germany etc.
- D Delivered series of lectures and practices on

- Biotechnology
- Biodiversity
- Ancient Indian Literature & Science
- Cow, Neem & Village for the prosperity of India
- Biodiversity, Biotechnology and Brains for Best of Bharat
- Ancient Indian Religious Literature & Science of...
  - .. Plantation,
  - .. Agricultural Practices,
  - .. Astrology & Vastu,
  - .. Healthy living
- Organic Farming
- Medicinal & Aromatic Plantation
- Value additions
- Solid waste treatment / Biocompost

at various outstanding institute like U.D.C.T., IIM, Agricultural Universities, Institute, C.F.T.R.I., I.F.O.M., ICCOA, Cofee Board, Forest Dept., Pollution Control Board, National & International Conferences, Religious Institutes, NGO, KVK, Krishi Mahotsav, Jyotigram, Industrial Associations, Sahakari Sangh etc. in various countries and most of the states of India covering about 1500 villages. In Gujarat all the districts and many remote villages are also covered.

Ready to provide practical guidance in the fields of Organic Agriculture, Biotechnology, Traditional Medicinal / Aromatic preparation and use of the same for prevention and treatment of chronic diseases like cancer, thallemia, diabetes, heart disorders, neurological disorders, impotency, reproductive related disorders, etc.

Consultant for Organic Farming of crops like wheat, rice, maize, cotton, sugarcane, groundnut, pulses and in horticulture most of the fruits, vegetables, flowers and also on cultivation of medicinal and aromatic plants.