

6A, 36th cross,
28th main, 9th Block,
Jayanagar,
Bangalore 560 069.

Phone 26645967
e.mail
paranjothy47@gmail.com

Dr. Paranjothy. Karni

Objective	To advise Pharmaceutical and Nutraceutical companies. To advise Pharmacy colleges
Professional experience	Over 34 years of experience in Pharmaceutical Industries in Formulation Development, QA/QC and Production. Also in Academia as well.
Companies Served	Present activities: (2004 – present) <ul style="list-style-type: none">• Serving as an Advisor to some leading Pharmaceutical companies in India.• Serving as an advisor to some Nutraceutical companies in India.• Serving as Director to a few pharmaceutical companies at Bangalore, India.• Serving as professor of pharmaceutics at Al- Ameen college of Pharmacy , Bangalore India <p>2002-2003 : Advisor - kalilabs, Newjersy USA. Developed a few new products and submitted ANDA documents to US FDA.</p> <p>2001-2002 Systopic / Tetra-Chemie / Al-ameen college of pharmacy Bangalore India</p> <p>Professor / Consultant- R&D</p> <ul style="list-style-type: none">• Developed and launched In-Situ gel formulation.• Developed colon drug delivery systems for Budesonide.• Developed Methycobalamine capsule formulation.• Developed Methotrexate gel for Psoriasis.• Developed some Veterinary formulations.

1997-2001 Juggat Pharma Bangalore India

Director –Technical

- Lead a team of Formulation Development Pharmacists and launched many newer formulations first time in India.
- Conducted Stability Studies as per ICH guidelines.
- Conducted GMP programs.
- Implemented cleaning validation in different production areas like Tablets, Liquid orals, Capsules, Semisolids and Parenterals.
- Prepared and submitted DMFs, Drug dossiers and other Statutory documents for Drug approval.
- Scaled up the new formulations and transferred the technology from bench scale to full stage production successfully.
- Implemented Cleaning Validation procedures in production.

1991-1997 Juggat Pharma Bangalore
India

Vice-President –R&D.

- Organized and supervised 'Formulation development' activities.
- Developed Collagen fleece and haemocoagulant Injections.
- Developed Absorbable gelatine sponge as haemocoagulant.
- Developed some herbal formulations of current interest.
- Effected cost reduction in some of costly formulations.

1985-1991 Juggat Pharma Bangalore
India

General Manager –Technical

- Developed newer chewable Iron formulations with Iron Poly Maltose complex (IPC).
- Developed Glucosamine and Chondroitin formulations for arthritis.
- Developed antiseptic creams and ointments.
- Developed a newer excipient –Sodium carboxy methyl guar and used in sustain release formulations.
- Organized Sugar coating and Film coating techniques in production.

1982-1985 Juggat Pharma Bangalore India

Product Development Manager.

- Developed and launched Isoxsuprine tablets and Injections.
- Developed Digestive enzyme and carminative formulations.
- Developed protein tonics, analgesic formulations containing propyphenazone, acetaminophen and caffeine.
- Developed Anti-asthmatic formulation

1980-1982 Mount Mettur Chennai India

Product Development Manager.

- Developed SVP and LVP formulations with amino acids.
- Developed 'Total Enteral Formulations' (Hospital Diets).
- Developed anti-septic topical liquid formulations.
- Developed Metronidazole and Povidone- Iodine gels.

1979-1980
India. Haffkines Mumbai

Head – R&D

- Organized and supervised a team of Pharmacists.
- Developed some biological formulations.
- Developed antiseptic creams and gels.
- Developed Dapsone gel for Acne

1978-1979
India May & Baker Mumbai

Product Development Manager.

- Developed anti-emetic, anti-histamine and anti-malarial formulations.
- Developed some diagnostic formulations for X-ray studies.
- Developed anti- scabies formulations.
- Developed suppositories of acetaminophen .

1975-1978
India Hoechst Mumbai

Product Development Officer.

- Effected cost reduction and import substitution of some formulations.
- Developed newer packaging and streamlined automatic Packing lines and also standardized packing materials to reduce inventory.
- Developed Multi vitamin tonics, cough syrups, analgesic tablets etc
- Developed anti-fungal topical liquid formulations.
- Scaled up some tablet and liquid formulations to automatic manufacturing and packing operations.

1974-1975
India Duphar Mumbai

Product Development Pharmacist

- Developed some interesting Cosmetic formulations.
- Developed analgesic tablets, syrups and oral drops.
- Conducted Accelerated Stability Studies of all types of formulations.
- Developed Diazepam, Chlordiazepoxide and some other tranquilizer formulations

1973-1974
India Fair-Deal Corporation Mumbai

Formulation Development Pharmacist.

- Developed Oral- Rehydration granular formulations.
- Developed anti-biotic, anti bacterial, and anti-diarrhoeal formulations.
- Developed some anti-histamin formulations.

1972-1973
India KMK college of Pharmacy Mumbai

Asst. Professor.

- Taught M.Pharm students (Pharmaceutics)
- Collaborated with leading Pharmaceutical companies for industrial projects.

Achievement

- Started my career as Formulation Development Pharmacist and rose to the level of Director- Technical
- Handled a project and commissioned an "State of the art" Pharmaceutical Plant with facilities of all types of dosage forms like Tablets, Liquid orals, Capsules, Granules, Semisolids and Parenterals.
- Conducted GMP Programs and Management Development Programs.

- Traveled many countries in connection with Pharmaceutical Business and Technical collaborations.
- Studied the impurity profiles of some new drugs and characterized them.
- Solved many trouble shooting problems of production.
- Developed simpler analytical procedures for some formulations.
- Recognized as a research guide for M.Pharm and Ph.D students of some Indian universities External examiner to some universities.
- Invited speaker at Pharmaceutical congress, Seminars and symposiums.
- Received award and first prize in Essay competition on the topic "Fixed dose formulations, their merits and demerits.
- Invited as a co-chairman, scientific committee, Indian Pharmaceutical congress, held at Bangalore, India, in 1992.
- Developed novel SLIT (Anti allergic) formulations .
- Developed Trans mucosal Film formulations
- Developed novel Nutraceutical formulations of current interest.
- Developed some interesting Cosmeceutical formulations

Publications and Presentations Published over 50 research and review articles of Pharmaceutical interest in Indian and internationally recognized Journals.

Presentations Presented over 50 papers at various Seminars and Symposiums.

Education and summary of qualifications	D.pharm	Madurai. Medical College , Madurai	1967	India	Is Rank
	B.Pharm	Madurai .Univ	1970	India	2 nd rank
	M.Pharm	B.I.T.S, Pilani	1972	India	1 st rank
	Ph.D	B.I.T.S, Pilani	1993	India	Excellent grade
	Dip. Adm.Mgt. (Bajaj Inst.)	Bombay univ	1980	India	Ist class

Professional memberships

- Life Member of Indian Pharmaceutical Association.
- Life Member of Association of Pharmaceutical teachers of India.
- Executive committee member of Karnataka Drugs and Manufacturers Association.
- Member- Board of Studies of some Indian Universities.

Hobbies Listening music, reading books and magazines.

References Available on request.

International Publications:

1. Paranjothy K.L.K & Banerjee S.K , Estimation of Di-iodohydroxyquin in non aqueous media , Journal of Pharmaceutical Sciences , USA, 62 (10), 1697, 1973.
2. Narasimmamoorthy , Shobarani and Paranjothy, Evaluation of carboxy methyl guar films for the formulation of Transdermal therapeutic systems, International journal of Pharmaceutics , USA, 272, 11- 18, 2004.,
3. Kusum Devi & Paranjothy, KL.K, Pharmacokinetic profile of a new matrix type Transdermal delivery system : Diclofenac diethyl ammonium Patch , Drug development and Industrial Pharmacy , 25(5), 695-700, 1999
4. Kusum devi & Paranjothy K.L.K, Pharmaco kinetic profile of Transdermal delivery system – Ketorolac tromethamine Patch , British pharmaceutical conference , Royal pharmaceutical society of Great Britain , Poster presentation
5. Remiz Muhamed & Paranjothy K.L.K, Guargum P – 150 Hydro gel polymer for controlled release of Diltiazem, Asian conference and exhibition of Controlled release , November 29 – December 1, 1999.
6. Kusum Devi & Paranjothy, ‘Pharmacokinetic profile of a new matrix type Transdermal drug delivery system ketorolac tromethamine Patch’ , Journal of Pharmacy and pharmacology , UK, 130-131, 1999
- 7.. Raman Dang Shobarani & Paranjothy K.L.K, ‘Development of controlled drug delivery systems of Diltiazem’ 61st world congress of Pharmacy and Pharmaceutical sciences, held in Singapore during September 1 – 6 , 2001
8. Raman dang & Paranjothy, ‘ HPLC analysis of chlorpheniramine maleate 61st world congress of Pharmacy and pharmaceutical sciences, held in Singapore during September 1 – 6 , 2001
- 9 .Raman dang, Shobarani & Paranjothy, ‘Cleaning validation’ 61st world congress of Pharmacy and pharmaceutical sciences, held in Singapore during September 1 – 6 , 2001

National publications :

1. Paranjothy, K.L.K. & Banerjee S.K, Estimation of Berberine HCl. and Hydroxyquinoline derivatives in dosage forms by non-aqueous titration, Indian Journal of Pharmacy, Vol. 35(5), Sept.-Oct. Issue, Pg. 151, 1973.
2. Paranjothy , Gupte & Paranjothy‘Micro encapsulation’, IDMA Bulletin, (X) 30, 1978
3. Paranjothy & Dave ‘Packaging of Pharmaceuticals’, IDMA Bulletin, (X), 37, 1979.
4. Paranjothy & Gangal , Drug Interactions’ – A Review, IDMA Bulletin, (XI), 21, 1979
5. Paranjothy & Agarwal , Stability testing of pharmaceuticals’, Indian Drugs, Vol. 17 (4), Jan. 1980, Pg. 114-119.
6. Paranjothy, New products development’, IDMA Bulletin, (XII), 15, 1980.
7. Paranjothy ‘Amino acid infusions’ – IDMA Bulletin, (XII) 36, 1981.
8. Paranjothy ‘Propyphenazone’ – An effective and safe analgesic, IDMA Bulletin (XIII) , March 1982, Pg. 149.
- 9 Parimala & Paranjothy ‘Elemental diets’, IDMA Bulletin, (XV) 24, June 1984
- 10 Paranjothy, “Guar gum for diabetics”, IDMA Bulletin, (XVII) 26, 14, July 1986, Pg. 461.
11. Parimala & Paranjothy , Acne and its management’, IDMA Bulletin, (XVIII) 25, 1987, Pg. 451.
12. parimala & Paranjothy, ‘Role of combination products in drug therapy’, won first prize in essay competition at Shri. B.V. Patel Education Trust, Ahmedabad, Pg. 1-19, 1988.
- 13 Paranjothy ‘Hydrotalcite and Simethicone’ – A newer antacid and anti-flatulent therapy, IDMA Bulletin, (XX) 35, 21, Sept. 1989, Pg. 1-5.
14. Paranjothy ‘Synthesis of guar derivatives’, Indian Drugs, 29 (2), 84, Nov. 1991.
15. Amarnath, Sudheer & Paranjothy ‘Penetration enhancers in semi-solid preparations’, IDMA Bulletin (XXII) 40, Oct. 31, 1991, Pg. 616.
16. Sudhakar reddy & Paranjothy ‘Total parenteral nutrition’, IDMA Bulletin, (XXII) 44, Nov. 30, 1991.

17. Mahajan & Paranjothy 'Snake venom as a coagulant', IDMA Bulletin (XXII) 45, Dec. 7, 1991, Pg. 710.
18. Paranjothy & Thampi 'Synthesis of Sodium Carboxymethyl Guar and its characterisation', Indian Drugs, 29 (9), Pg. 404-407, 1992.
19. Paranjothy & Thampi 'Binding properties of Sodium Carboxymethyl Guar', Indian Drugs, 30 (10), 1993, Pg. 506.
20. Paranjothy 'Gels as topical applications', Indian Drugs 37 (6), Vol. 31 (6), June 1994, Pg. 24.
21. Vishnurao Shivakumar & Paranjothy, 'Influence of Aqueous extract of *Cetella asiatica* (Brahmi) on experimental wounds in albino rats', Indian Journal of pharmacology, 28, 249-253, 1996
22. Paranjothy & Thampi, 'Application of Sodium Carboxymethyl Guar as a base in Zinc Sulphate gel formulations' – Indian Drugs, 32 (4), Pg. 186-188, 1995.
23. Paranjothy & Thampi 'Study of film forming properties of Sodium Carboxymethyl Guar and evaluation of the film for its Pharmaceutical applications', Indian Drugs – Vol. 8 (3), July 1996, Pg. 3.
24. Paranjothy & Thampi 'Development of transdermal patches of Verapamil HCl. using Sodium Carboxymethyl Guar as a monolithic polymeric matrix and their invitro release studies', – Indian Journal of Pharmaceutical Sciences, 1997, 59 (2), Pg. 49-54, March-Apr. Issue.
25. Paranjothy, 'International Conference on Harmonization' – Express Pharma Pulse, Jan. 16, 1997, Pg. 7 and Jan. 23, 1997 Pg. 11.
26. Paranjothy, 'Back to nature' – Express Pharma Pulse, Oct. 9, 1997. Pg. 19.
27. Viswanath & Paranjothy, 'Pharmaceutical Production Management' – Express Pharma Pulse, No. 20, 1997, Pg. 8 & 20.
28. Reddy & Paranjothy, 'Pharma Industry by 2000 AD' – A period of consolidation' – Express Pharma Pulse, Part-1, Dec. 4, 1997, Part-2, De. 11, 1997.
29. Asrof, Srinivasarao & Paranjothy, 'Control of Botrytis' (Fungal pathogen), Floriculture Today, Sept. 1997, Pg. 135 – 140.
30. Kusum Devi & Paranjothy, Ketorolac tromethamine transdermal dosage form – influence of surfactants on the penetration of the drug, International seminar on 'Recent trends in Pharmaceutical Sciences', 1995

- 31 Kusum Devi & Paranjothy, 'Design and development of adhesive transdermal drug delivery system of Ketorolac' tromethamine , 47th Indian pharmaceutical Congress , December 1995.
- 32 Kusum Devi & Paranjothy, ' Enhanced percutaneous permeation of ketoralac tromethamine from adhesive transdermal patches by relatively newer techniques , 48th Indian pharmaceutical congress , December 1996
- 33 Kusumdevi & Paranjothy, Design and fabrication of transdermal diffusion cell for the in-vitro measurement of skin permeation 17th All India conference of Indian Pharmaceutical graduates Association , 1997
- 34 Raman Dang & Paranjothy, 'Quality focus in the new millennium' – Express Pharma Pulse, 15 Jan. 1998, Pg. 16.
- 35 Mahesh & Paranjothy, 'Formulation and evaluation of Isopropyl antipyrine oral suspension' – Indian Journal of Pharmaceutical Sciences, Mar-Apr. 1998.
- 36 Kusum Devi & Paranjothy, 'Development and Evaluation of free films and transdermal patches of ketorolac tromethamine using polymers and pressure sensitive additives' - Eastern Pharmacist, May 1998, vol.XLI No.485, Pg. 97-100
- 37 Kusum Devi & Paranjothy, 'Development and pharmacodynamic evaluation of transdermal patches of Diclofenac diethyl ammonium using acrylic based pressure sensitive adhesives' , The Antiseptic , vol. 97, No.8. Aug 2000
- 38 Paranjothy , 'Aloe Vera: A miracle plant' – Express Pharma Pulse, Apr. 9, 1998.
- 39 Manjula& Paranjothy , 'Centella asiatica in wound heading' – Express Pharma Pulse, May 21, 1998.
- 40 Paranjothy, 'The Road Ahead' – Express Pharma Pulse, July 16, 1998.
- 41 Viswanath & Paranjothy, 'Integral and Indispensable' – Magerial Requirement Planning (MRP) – Express Pharma Pulse, July 21, 1998.
- 42 Srinath & Paranjothy, 'Formulation of Formaldehyde treated capsules containing Diltiazem Hydrochloride-polymer mixture and its in-vitro release studies' – The Eastern Pharmacist, XLII, No. 498, June 1999.
- 43 Paranjothy, 'Fizz bubbles with caffeine and phosphoric acid'., Times of India magazine, 31-10-19 98
- 44 Viswanath & Paranjothy, 'Automation in Pharmaceutical Industry' – Express Pharma Pulse, Nov. 4, 1999

- 45 Patil & Paranjothy , ‘Spectrophotometric Estimation of Vitamin-E in anti-oxidant formulations’, Indian Drugs, 37 (5), May 2000. Page. 236 – 238.
- 46 Arun & Paranjothy, ‘Silicified Microcrystalline Cellulose (SMCC) – Newer and novel excipient’. Pharma Busibness and technology, June , 2000, page 36- 44.
- 47 Jayraj Kumar & Paranjothy ‘New applications of antiseptic Povidone Iodine’ -Express Pharma pulse, October 19, 2000, page 2
- 48 Sunilkumarmoorthy & Paranjothy, ‘Quality Assurance & Quality Control’- GMP – Pharma industry , October 2000. page 11
- 49 Rahul Nair & Paranjothy , ‘ Cleaning validation in API facilities , Express Pharma pulse, November 2, 2000, page, 17
- 50 Vazir Ashfaq Ahmed & Paranjothy, ‘ In- Situ gels for ophthalmic drug delivery’ Express pharma pulse , 53rd Indian pharmaceutical congress edition , December 2001, page 37
- 51 Paranjothy, ‘On Quality of Formulations’ Express Pharma pulse, December 2001, page 10
- 52 Arshia , Sarasija, Nagendraprasad & Paranjothy, ‘ Effect of Sodium glycocholate on development of tolerance to Parthenium hysterophorus extracts, Indian Journal of Experimental Biology, Vol 41, April 2003, page 370 – 372
- 53 Kusum devi & Paranjothy, A mathematical model to determine feasibility of drug delivery though transdermal route , Indian journal of Pharmaceutical Sciences Jan –Feb 2000, page 64 -67.
- 54 Srinivasan & Paranjothy, ‘ Ensuring Safety in post –anti microbial therapy , Express pharmapulse, February 26, 2004, page 28
- 55 Gayathri & Paranjothy , ‘Packaging’ Supplement to Express Pharma pulse , Pharma Packaging issue , 29 April , 2004, page 25

Presented papers for various seminars / conferences.

As a resource person

1. Guest Lecture on 'New Product Development', at Madurai Medical College, Madurai on 17th Nov. 1980.
2. 'Motivation techniques' at Haffkine Bio-Pharmaceutical Corporation Ltd., Parel, Bombay, 1980.
3. 'Formulation development and stability studies' on the occasion of 20th Anniversary of Pharmacy Department and 19th National Pharmacy Week celebration at Madurai Medical College, Madurai, 1980.
4. 'Product selection methods, tools and aids with case studies' at seminar organised by TECSOK, Govt. of Karnataka and SISI, Bangalore, 1984.
5. 'Gums and their pharmaceutical applications at Industry – Institution – Interaction seminar organised by J.S.S. College of Pharmacy, Ooti, 1984.
6. 'Large volume parenterals' training programme for Hospital Pharmacists, organised at Drugs Control Auditorium, Bangalore 1985.
7. 'New products development' at Kerala Pharmacy Graduates Association, Kochin, Kerala, 1986.
8. 'Formulation development and methods of stability testing ' at Dept. of Pharmaceutical Sciences, Annamalai University, Chidambaram, 1987.
9. Inaugural speech on 'National Pharmacy Week' celebrations at J.S.S. College of Pharmacy, Mysore, 1998.
10. 'New products selection and formulation development' at Birla Institute of Technology and Science, Pilani, 1989.
11. 'What do I expect from Pharmacy Graduates' at Indian Pharmaceutical Congress of Pharmacy, Bangalore, 1990.
12. 'Modern concepts in formulation technology' seminar at Govt. College of Pharmacy, Bangalore, 1990.

13. 'Synthesis and applications of a newer excipient Sodium Carboxymethyl guar' – Paper presented for poster session at 43rd Indian Pharmaceutical Congress held at Goa, in Dec. 1991.
14. Took active part as Co-Chairman, Scientific Committee at the Indian Pharmaceutical Conference held at Bangalore in 1992.
15. 'Development of Transdermal Drug Delivery Systems using Sodium Carboxymethyl Guar as Monolithic Polymeric Matrix', paper presented for poster presentation at the 44th Indian Pharmaceutical Congress at Bangalore in December 1992.
16. 'A comparative study on ISO 900 and GMP' at workshop on Industrial Orientation to Pharmacy Teachers organised by ISTE Chapter, Al-Ameen College of Pharmacy, Bangalore and ISTE, Karnataka Division, 1993.
17. Guest lecture on 'Good Manufacturing Practices in Pharmaceutical Establishments', at Birla Institute of Technology and Science, Pilani, on 22nd Dec. 1993.
18. 'ISO 9000 and its applicability to Pharmaceuticals – A Pharmacists Perception', presented a paper for essay competition at B.V. Patel Education Trust, 23 Dec. 1993.
19. 'New products development' at Indian Pharmacy Graduates Association held at Madras, 1993.
20. 'New products development' at Karnataka Pharmaceutical Executives Club, Bangalore, 1993.
21. 'Good Manufacturing Practices' at Birla Institute of Technology and Sciences, Pilani, Rajasthan, 1993.
22. Extension lectures and discussion on 'Production Planning and scheduling, manufacturing control systems case studies', at JSS College of Pharmacy, held during April/May 1995.
23. Delivered lecture on 'Transdermal drug delivery system', at College of Pharmaceutical Sciences, Manipal, on 6th and 7th October 1995.
24. Guest lecture on 'Total Quality Management in Pharma Industries', at Pharma Fest-96 Celebrations conducted by PES College of Pharmacy, Bangalore, on 26-02-1996.

25. Seminar on 'TQM in Pharma Industry' held at Maharishi Institute of Management, Bangalore, on 8th June 1996.
26. Invited as Guest Speaker, National Pharmacy Week – 1996 on the topic 'Pharmacists in tune with the times', held at Krupanidhi college of Pharmacy, on 29-11-1996.
27. 'Total Quality Management' at Bapuji College of Pharmacy, Davanagere, Karnataka, at their College day function, May 1997.

28. Delivered a special lecture on 'Quality Focus', Quality Circle Forum of India at Vysya Bank, Bangalore on 27-9-1997.
29. 'TQM in Pharmaceutical Industries' at XVII All India Conference of IPCA, 13 & 14 Sept. 1997 at Madurai Medical College, Madurai.
30. Delivered a Guest Lecture on topic – 'Quality Focus', held at Govt. College of Pharmacy, Bangalore, on 14th Feb. 1998.
31. Invited as a 'Speaker' on the topic – 'Quality Focus' at Visveswarapura Institute of Pharmaceutical Sciences, on 18th Feb. 1998.
32. 'Industry – Institution – Interaction', seminar conducted at JSS College of Pharmacy, Ootacamund, on 14th May 1988.
33. Participated in the panel discussion on 'Placement Opportunities for MBA's', held at Mount Carmel College, Bangalore on 27th Jun. 1998.
34. Invited as 'Speaker' on the topic 'The Road Ahead', at 3rd National Conference on Trends in Drugs and Pharmaceutical Research – Global Scenario' held at College of Pharmaceutical Sciences, Manipal, on 4 & 5th Oct. 1998.
35. 'The Road Ahead' at National Pharmacy Week celebration at Madurai Medical College, Nov. 1998.
36. Invited to deliver a guest lecture on 'Quality Focus' at K.I.M.S. Physiology Lecture Hall on 21-12-1998.
37. Participated in the panel discussion on 'Need for Industry – University Co-operation for Higher Education' at C.M.R. Institute of Management Studies, on 27th Feb. 1999.
38. 'Industry – Institute' - Meet on 13 Apr. 1999 at JSS College of Pharmacy at Ooti.
39. 'New Millennium Ahead' at short-term training programme arranged by AICTE, held at Al-Ameen College of Pharmacy, Bangalore, during Nov.15 – 16, 1999.
40. Invited as speaker on the topic 'Pharmaceuticals and Biotechnology – The Road Ahead' at a Seminar on Biotechnology in the New Millennium, Bangalore University Senate Hall, on 21st Jan. 2000.

41. 'Scope of Pharmacists in the New Millennium' at Shree Siddaganga College of Pharmacy, during Golden Jubilee celebration of PCI and Continuing Education programme for in service Pharmacy on 12th and 13th Feb. 2000.
42. Delivered lecture on 'Scope of Pharmacists in the New Millennium', at KLE's College of Pharmacy, Belgaum, on 29th Apr. 2000.

43. Delivered guest lecture on the topic 'Development and evaluation of targeted drug delivery systems and herbal products' held at College of Pharmaceutical Sciences, Manipal, during May/June 2000.
44. Delivered key note address at 'React -2000', a seminar organised by Chemical Engineering Association, R.V. College of Engineering, Bangalore, on 7th July 2000.
45. 'Guar Gum P-150 Hydrogel Polymer for controlled release of Diltiazem' at Asian Conference and Exhibition of Controlled Release, held in Hongkong, Dec. 1999.
46. As an invited speaker at the workshop organized by Directorate of Indian systems of medicine , Bangalore on 16th Feb. 2002 . Spoke on the Subject " Challenges ahead in the implementation of GMPs"
47. " 9th Director's Enclave" - A National Conference held in Bangalore on 13th December 2004 Management Education issues & Future directions , Conclave of Business school directors , Faculty , HR managers , writers . and other stake holders
48. Nutraceuticals Project Summit - organized by ' Small industries Service institute ' Government of India , held at Bangalore and Chennai in November and December 2004
49. Quality Improvement Program in pharmaceuticals on "Prospectives of Drug delivery systems - An approach to patient compliance during 12th to 24th July 2004
50. As a panel expert at a program on "Gatt- Effects and implications on health education" held at Rajiv Gandhi university of Health Sciences , Karnataka on 1st June 2004
51. As an invited speaker on " Future of Cosmeceuticals " at 2nd Global Congress on Cosmetic technologies organized by Indian Cosmetic Technologists Association during 13- 15th feb 2004