

Dr. RAJENDRA N. BHATT

Curriculum Vitae

Personal Detail:

Date of Birth: 16th October, 1985

Gender: Male

Age: 27 Years

Caste: Hindu-Brahmin

Marital Status: Unmarried

Nationality: Indian




Carrier Objective:

To have a bright career in the academic field so as to share knowledge with students thereby helping in better shaping of future of nation. Also interested in R & D work in the field of Science/Zoology.

Education:

YEAR	DEGREE	COLLEGE
2009-2012	Ph.D. in Science/Zoology	Department of Zoology, Gujarat University, Ahmedabad.
2007-2009	M.Sc (Zoology, Second Class)	Department of Zoology, Gujarat University, Ahmedabad.
2004-2007	B.Sc (Zoology, First Class)	Bhavan's Sheth R.A. college of science, Ahmedabad.

 **Current status:** From last 6 years served as a contractual lecturer (Zoology) at Shree Ramji Ravji Lalan College, Bhuj, Kachchh, Gujarat.

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✚ Experiences:

- Served as a contractual lecturer at government college from last 7 years
- Served as a subject expert and presenter for two educational programmes entitled "DNA Estimation Part I & II" produced at UGC sponsored Education Multimedia Research Center (EMMRC), Gujarat University, Ahmedabad-09.
- Having 4 years of experience in conducted Practicals and lectures of M.Sc. in Zoology, Biomedical Technology Course (BMTC) and Human Genetics.

✚ Technical Skills:

- Various biochemical parameters like Protein, cholesterol, glycogen, ascorbic acid, glutathione, nucleic acid (DNA, RNA) estimations, phosphorylase, succinate dehydrogenase, lipid peroxidation, superoxide dismutase, catalase, serum transaminases (SGPT, SGOT), acid phosphatases, alkaline phosphatases, ATPase, blood glucose, Glutathione-S-transferase (GST), Glutathione Peroxidase (GP), Glutathione reductase (GR), Glutathione (GSH), Nitrogen Oxide (NO), Acetyl choline esterase (AChE).
- Hands on various reproductive techniques like sperm motility, viability, count and morphology, 3,17 beta hydroxysteroid dehydrogenase (HSD), sialic acid, ELISA test, Tubectomy, tubal ligation, vasectomy, vasoligation and fertility test.
- Preparative techniques for chromatography and well versed with HPLC.
- Knowledge of general lab. Instruments like colorimeter, pH meter, centrifuge, microfuge, vortex mixture, cryostat, spectrophotometer, microtome, incubator, BOD, trans-illuminator, Gel-Doc, micropipettes, etc.
- **Microscopic Technique:** Histological studies of various mammalian tissues using Haematoxylin Eosin staining.

✚ **Memberships:** Lifetime Member-Society for reproductive biology and comparative endocrinology (SRBCE).

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LIST OF PUBLICATION

Paper Published:

- I. Mandava V Rao and **Rajendra N. Bhatt**. Protective effect of melatonin on fluoride-induced Oxidative stress and testicular dysfunction in rats. Fluoride. 2012. 45 (2): 116-124.
- II. **Rajendra N. Bhatt**, Dhara D. Vyas, Raveendra B. Meda and Mandava V. Rao. Alleviation of fluoride-induced epididymal oxidative stress in rats by *Emblica officinalis* extract. Fluoride (Communicated).

Abstracts Published

- 1 **Rajendra N. Bhatt** and Mandava V. Rao. *Emblica officinalis* (amla) is an excellent antioxidant in mitigation of fluoride induced reproductive toxicity. Recent Breakthrough in Sciences. XXVII Gujarat Science Congress. 24th Feb, 2013
- 2 **Rajendra N. Bhatt**, and Mandava V. Rao. Fluoride induced vassal and fertility alterations in the rat by certain antioxidants. National conference on endocrinology and reproduction: Innovative in reproductive biotechnology, February 11 to 13, 2013.
- 3 Ravindra B. Meda, **Rajendra N. Bhatt**, and Mandava V. Rao. MELATONIN PROTECTION ON FLUORIDE NEUROTOXICITY IN THE RAT. National conference on endocrinology and reproduction: Innovative in reproductive biotechnology, February 11 to 13, 2013.
- 4 Mandava V. Rao, **Rajendra N. Bhatt**, Dhara D. Vyas, Hanuman Prasad and Jayesh Parmar. 2012. Mitigating effects of triphala on fluoride non-endocrine toxicity. ISFR 30th Annual meeting to be held in Poland, September 5-8.
- 5 Mandava V. Rao, Raveendra B. Meda, **Rajendra N. Bhatt**, Dhara D. Vyas, and Mayuri Solanki. 2012. Role of triphala on fluoride neurotoxicity in the rat. ISFR 30th Annual meeting to be held in Poland, September 5-8.
- 6 Mandava V. Rao, Dhara D. Vyas, **Rajendra N. Bhatt**, Mittal G. Patel and Kinjal Patel. 2012. Triphala an excellent antioxidant in mitigation of fluoride endocrine toxicity. ISFR 30th Annual meeting to be held in Poland, September 5-8.

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- 7 **Rajendra N. Bhatt**, Sunita L. Chawla and Mandava V. Rao. Melatonin and amla reduction of fluoride-induced reproductive toxicity in rat. National Conference on Novel Aspects and Emerging Trends in Reproduction and endocrinology, January 30 to February 1, 2012.
- 8 **Bhatt Rajendra**. Influence of melatonin and amla extract upon the activity of antioxidative enzymes in the cauda epididymis of rats exposed to sodium fluoride. VIGNAN PARISHAD Science Excellence. January 9, 2011.
- 9 **Bhatt Rajendra N.**, Jhala D. D. and Rao M. V. Amelioration of fluoride toxicity by melatonin and amla in reproductive function of male rat. International Symposium on "Current Trends in Endocrine and Reproductive Health" and 29th Annual meet of SRBCE. February 10 – 12, 2011. Mysore. P-102, Abstract No. pp-34.
- 10 **Bhatt Rajendra**., Vyas Dhara and Rao M.V. Importance of certain antioxidants on fluoride induced oxidative stress and steroidogenesis in the rat testis. XXIX International society for Fluoride research, ISFR. December 2-5, 2010. Jaipur. pp.158.
- 11 Vyas Dhara., **Bhatt Rajendra** and Rao M.V., Ameliorative effect of certain antioxidants on fluoride induced toxicity in thyroid gland of rat. XXIX International society for Fluoride research, ISFR. December 2-5, 2010. Jaipur. pp.132.

✚ Presentations During UG, PG& PhD levels

- Presentations on Types of Fish Aquarium, Lecture on Lead as element and use, Seminar on Radiation Based Diagnostic Techniques, Seminar on Frog Embryology.
- Invited talk on "Histopathology" for Course in Understanding of Modern Technology by Academy of Ayurveda Development and Research (AADAR).

✚ Conference and Seminars Attended/Presented:

- 1) HPTLC Training cum Seminar 30th March, 2013.
- 2) Gujarat Science Congress Feb'2013.
- 3) Society for reproductive biology and comparative endocrinology (SRBCE) Feb'2013.
- 4) Shodhganga Awareness Programme August, 2012.
- 5) Gujarat Science Congress Feb'2012.

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- 6) Society for reproductive biology and comparative endocrinology (SRBCE) Jan'2012.
- 7) One day Awareness Programme on Access to E-journals June, 2011.
- 8) Biomedical Technology Lecture Series December, 2011.
- 9) Gujarat Science Congress Feb'2011.
- 10) Society for reproductive biology and comparative endocrinology (SRBCE) Feb'2011.
- 11) VIGNAN PARISHAD Science Excellence Jan'2011.
- 12) International society for Fluoride research (ISFR) Dec'2010.
- 13) Seminar on Bio-Diversity and Wildlife Conservation Oct'2010.
- 14) Alternatives to Use of Animals in Biosciences Sep'2010.
- 15) Gujarat Science Congress Mar'2010.
- 16) International Conference on Biomedical & Genomic Research (ICBGR) Jan'2009.
- 17) Human Health Care Redefined Mar'2008.

Computer Education:

- Introduction to computers & Office tools
- Complete Microsoft Office tools
- Database Concepts & MS Access
- Programming in VB (Visual Basic)
- Use of Internet for literature & software

Study Tours/visits

- Anand Agriculture University, Anand., Indian Institute of Advances Research, Koba, Gandhinagar, Indroda Park GEER Foundation, Sector-30, Gandhinagar, Forensic science laboratory, Gandhinagar, Sun Pharma, Baroda, Intas Biopharmaceuticals, Fishery Center, Lingda, Biodiversity study at coastal areas of Gujarat.

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+ Achievements:

- 3rd price in elocution on World Forest Day at Forest Department of Gujarat State.
- 1st price in Mime at college level.
- **Cleared DOEACCCC Government of India examination.**
- **Get B₁ level in Scope English examination of Government of Gujarat.**

+ Strengths:

- Sound technical knowledge, Exceptional presentational skills, Good decision making ability and managerial skills, Good at communication, Well versed with Computer and Software frequently used for Study, Can adjust with changing environment, Honest and reliable, Enthusiastic and keen to learn new things, Innovative and creative mindset, Can give excellent results even with limited availability of resources.

+ Reference

- I. **Dr.M.V.Rao**, Head & Prof., Department of Zoology, School of Sciences, Gujarat University, Ahmedabad -380 009.
- II. **Dr. N.K.Jain**, Prof. & Head, Department of Life Sciences, School of Sciences, Gujarat University, Ahmedabad- 380 009.
- III. **Dr. Y.M. Dalal**, Principle and Campus Director, Government Science College, K.K.Shastri educational campus, Khokhara Road, East Maninagar, Ahmedabad-380 008.

All the details provided here are true to the best of my knowledge.

Date: Place:

Signature:

R. N. Bhatt