

# Curriculum Vitae

**H. Rahaman Khan**

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## Career Objective

To make the best use of my technical and experimental expertise in a research based career

## Work Experience

1. **Research Scientist** from 19<sup>th</sup> October, 2021 to till date at Eurofins Advinus, Bangalore, KA (Stationed at Palamur Biosciences, Mahabubnagar, TS)
2. **Project Associate-I** from 3<sup>rd</sup> April, 2019 to 10<sup>th</sup> October 2020 at MRDG Department, Indian Institute of Science, Bangalore, KA. Period: 1 Year 6 Months 7 Days
3. **Project Assistant**, from 5<sup>th</sup> October, 2015 to 28<sup>th</sup> February, 2019 at MRDG Department, Indian Institute of Science, Bangalore, KA. Period: 3 Years 4 Months 23 Days
4. **Project Trainee** from 2<sup>nd</sup> December, 2014 to 10<sup>th</sup> April, 2015 at Molecular Biophysics Unit, Indian Institute of Science, Bangalore, KA. Period: 4 Months 8 Days

## Technical Skills

Designation	Technical Skills
<b>Research Scientist</b>  Eurofins Advinus, Bangalore, Karnataka  (Stationed at Palamur Biosciences, Mahabubnagar, Telanagana)	To extend technical support to the team at in the conduct of Nonrodent studies. Assisting in conduct of the study and for its final report. Monitoring of in-life phase study activities. Ensure that all procedures are as per study plan and SOP at site. Assess and document the impact of any deviation on the quality and integrity of the study and take appropriate corrective action if necessary. Verification of that all raw data generated are fully documented and recorded. Ensure that computerized systems used in studies have been validated. Animal care and handling at Palamur site. Verification of maintenance of animal rooms.
<b>Project Associate-I</b>  Indian Institute of Science, Bangalore, Karnataka	Designing and execution of animal based experimentation, Conducting various surgical procedures -tissues harvesting in Rats, Ultra Sound Scanning in bovine and analyses of various parameters.
<b>Project Assistant</b>	Designing and execution of animal based experimentation, Conducting various surgical procedures - Ovariectomy, tissues harvesting in rats. Maintaining

Indian Institute of Science, Bangalore, Karnataka	Chemical Inventory, Raising Purchase Orders & Following up the assigned tasks. Conducting various surgical procedures - Ovariectomy, tissues harvesting, assisting Research Scholars in setting up experiments.
<b>Project Trainee</b>  Indian Institute of Science, Bangalore, Karnataka	Isolation of Microbial cultures, Ion Exchange Chromatography, Dialysis, Cleavage of peptides HPLC, MALDI-TOF, In-gel Tryptic digestion for peptide Mass Fingerprint.

**M.Sc Dissertation Project, carried out at Molecular Biophysics Unit (MBU), Indian Institute of Science, Bangalore, KA.**

**Title:** Purification and Mass spectrometric analyses of Peptides

### **Academic Background**

<b>Examination</b>	<b>University/Institution</b>	<b>Percentage</b>	<b>Year of obtaining the degree</b>
Integrated M.Sc (Biotechnology)	GITAM University, Visakhapatnam, AP	80 1 <sup>st</sup> Ranker	2015
Intermediate	Board of Intermediate Education, AP	76.2	2010
Secondary School Certificate	Board of Secondary Education, AP	61.5	2008

## Paper Publications

1. Akshi Vashistha, **H Rahaman Khan**, and Medhamurthy Rudraiah. Role of cAMP/PKA/CREB pathway and  $\beta$ -arrestin 1 in LH induced luteolysis in pregnant rats. **Reproduction (2021)** 162(1): 21-31.
2. Aparamita Pandey, **Habibur Rahaman Khan**, Neethu Sara Alex, Manjunath Puttaraju, Thayagarajan Thiruvanniyur Chandrasekaran, Medhamurthy Rudraiah. Undercarboxylated osteocalcin regulates glucose and lipid metabolism during pregnancy and lactation in rats. **Journal of Endocrinological Investigation** 43, pages1081–1095(2020).
3. Miya J, Priyanka Samji, **Rahaman Khan H**, Akshi V and Medhamurthy R. Analysis of expression of luteal genes during induced luteolysis and rescue of luteal function in bonnet macaques and pregnant rats. **J Clin Mol Endocrinol (2016)** 2: 11.
4. **H. Rahaman Khan**, Sreelekha Burla, Naga Siri, P. Lavanya. Effect of nutrient media and phytohormones on *in vitro* establishment of *Bambusa balcooa*. *Roxb. International Letters of Natural Sciences*. Vol.12 (1) (2014) 1-11.
5. Anima S. Dadhich, **H. Rahaman Khan**. Elimination of microbes from different drinking water sources of Visakhapatnam using potassium permanganate: dose based disinfection approach. **International Letters of Natural Sciences**. Vol.11 (1) (2014) 11-18.

## Chapter Publication

1. Applications of Biotechnology in Livestock production. Aparamita Pandey, **H.Rahaman Khan**, Medhamurthy R. Progress of Biotechnology in India, pages 1-15. **ENVIS Centre on Environmental Biotechnology**, First Edition, 2017.

## Poster Presentation

1. Effects of Steroid Hormones on Lipogenesis and Insulin Sensitivity - an Insight into the Involvement of the Wnt Signaling Pathway Neethu Sara Alex, B.E., **Habibur Rahaman Khan**, M.Sc., Rudraiah Medhamurthy, PhD. Indian Institute of Science, Bangalore, India. ENDO Online 2020. A388, Journal of the Endocrine Society, doi: 10.1210/jendso/bvaa046

## Oral Presentations

1. Presented a Paper on “Plastic Roads from Waste Plastics” at Inter University Sustainability Challenge (IUSC) held on 28<sup>th</sup> September to 2<sup>nd</sup> October 2011 conducted by Shastra IIT-Madras.
2. Presented a Paper on “How waste can be turned into a sustainable product” at Chemistry for Sustainable Development (SusCon – 2012) held on 10<sup>th</sup>&11<sup>th</sup> October 2012 conducted by Department of Chemistry GITAM Institute of Science, GITAM University.

## Awards

1. Awarded Second Prize for paper presentation at Shastra-2011 held at IIT-Madras.
2. Awarded First Prize for Essay Writing Competition held as a part of National Education Day Celebration, 11 November 2013.

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## **Event Organized**

Organized a talk on Indian Heritage on 24<sup>th</sup> January 2013.

## **Symposium & Conferences Participated**

1. National Seminar on “Microbiological Approaches to Environmental Sustainability” held on 21<sup>st</sup>&22<sup>nd</sup> December 2010 conducted by Department of Microbiology GITAM Institute of Science, GITAM University.
2. Science Academies Lecture Workshop on Protein Engineering and its Applications held on 20<sup>th</sup>&21<sup>st</sup> January 2011 conducted by Department of Biotechnology GITAM Institute of Science, GITAM University.
3. Andhra Pradesh Science Congress(APSC-2011) held on 14<sup>th</sup>-16<sup>th</sup> November 2011 conducted by Department of Chemistry GITAM Institute of Science, GITAM University.
4. Attended Workshop on “Idea to Execution for Entrepreneurs”- An Initiative by Nurture Talent Academy & Confluence 2012-International Business Summit of IIM-Ahmedabad hosted by Zonal City partner GITAM Institute of Management, GITAM University held on 24<sup>th</sup>&25<sup>th</sup> August 2012.
5. Attended a workshop “TRendys – 2012” held on 14<sup>th</sup>&15<sup>th</sup> November 2012 conducted by Department of Biotechnology GITAM Institute of Science, GITAM University.
6. National Seminar on Impact of Nano Biotechnology on Healthcare, Agriculture & Environment held on 17<sup>th</sup>&18<sup>th</sup> December 2013 conducted by Department of Biotechnology GITAM Institute of Science, GITAM University.
7. Participated in 8 Day training program on “Applications of Nanotechnology” held on 6<sup>th</sup> to 13<sup>th</sup> August 2014 organized by GITAM Institute of Technology, GITAM University.

## **Personal particulars**

**Name:** Habibur Rahaman Khan

**Date of Birth:** 25-09-1992

**Permanent Address:** #43-16-3 T.S.N Colony Dondaparthi Visakhapatnam - 530 016.

**Phone:** 0891 2541289 (Home)

**Mobile:** 91-9492430593

**E-mail:** h.rahamankhan@gmail.com

**Personal:** Single, Male, Indian

**Languages known:** English, Telugu, Hindi, Kannada.

## **Declaration**

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

H. Rahaman Khan