

Dr.Ravi Babu Birudu

Lecturer



Qualification: M.Tech(Bio.Tech),M.Sc(Zoo), M.Sc(Aqua), M.Sc(Micro.Bio), M.Sc (Botany),M.Sc(Envi.Science),PGDNBT,CSIR-NET,UGC-NET-JRF,NET,NET,APSET,APSET,APSET,APSET,ASRB-NET, ASRB-NET,GATE,GATE;GATE; (Ph.D), Ph.D.

Date of Joining in Teaching Field: 16/06/2016

Date of Joining in this Institution: 11/04/2022

Total Experience: 6

Teaching: 6

Research: 10

Industry: 6months

Area of interest: Pharmacology

Awards / Achievements:

- Placed in **World Book of Records** as “Most Life Sciences Exams qualified Candidate”.
- Placed in **India Book of Rcord**s as “Most Life Sciences Exams qualified Candidate
- **Best Paper Presentation Award** in International Seminar organized by Dept of Chemistry, Acharya Nagarjuna University , 2020.
- **Best Poster presentation award** in National Seminar organized by Dept of Microbiology, Acharya Nagarjuna University, 2020.
- **Young scientist** award from Nimra institute of Science and Technology -2019
- **Best Poster presentation** in National Seminar conducted by Dept of Microbiology,Acharya Nagarjuna University.
- **Young scientist award from VD Good scientifics Society.**
- **Best Paper presentation** in National Seminar Conducted by Dept of Botany, Andhra Loyola Collge-2019

- **Best Poster presentation** (2nd PLACE) in National Seminar Conducted by Bapatla Pharmacy College, Bapatla.
- **Best paper presentation** in National seminar conducted by GOVT Degree College, Srikakulam.
- **Academic Achievements: Qualified 15 National Examinations.**
 - Qualified **UGC- CSIR-NET** Examination, June, 2011 in **Life Sciences**
 - Qualified **UGC-NET -JRF**, December-2014 in **Environmental Sciences**
 - Qualified **GATE-Life Sciences, 2020.**
 - Qualified Andhra Pradesh State Eligibility Test (**APSET**) –**Life Sciences-2018**
 - Qualified **ASRB-NET** in **Environmental Sciences, 2016** conducted by **ICAR**
 - Qualified **APSET -2016** in **Environmental Sciences.**
 - Qualified **UGC NET Examination-** December 2011 in **Environmental Sciences**
 - Qualified Andhra Pradesh State Eligibility Test (**AP-SET**) November, 2013 in **Life Sciences.**
 - Qualified **UGC NET** Examination- June, 2009 in **Environmental Sciences.**
 - Qualified Graduate Aptitude Test for Engineering (**GATE**) 2014 in **Ecology Evolution** (All India Rank 230).
 - Qualified **ASRB-NET** in **Aquaculture, December, 2015** conducted by **ICAR**
 - Qualified **ASRB** preliminary examination 2014 in **Aquaculture.**
 - Selected for **RGNF** – Rajiv Gandhi National Fellowship during 2011-12.
 - State wide merit list for Assistant Director of Fisheries exam conducted by **APPSC, A.P.**
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 - Qualified AP Universities **Assistant Professors Eligibility Exam** in Life Sciences.
 - Qualified AP Universities **Assistant Professors Eligibility Exam** in Environmental Sciences.
 - Qualified AP Universities Research cet-2018
 - Qualified Ambedkar open university Research cet -2018
 - Qualified **GATE-2019 in Ecology & Evolution**(All India Rank-249)
 - Qualified **APSET-2020** in Life Sciences.

Workshops/Seminars/Conference attended:

National: 20

International: 10

Papers Published: 25

National: 20

International: 5

- [Evaluation of biochemical changes in diabetic rats treated with Aegle marmelos \(L.\) methanolic leaf extract](#), **RB Birudu**, P Pamulapati, SK Manoharan, Pharmacognosy Research 12 (2), 127, DOI: 10.4103/pr.pr_53_19.
- Effects of Aegle marmelos (L.) Methanolic Leaf Extracts on Cardiovascular Parameters in Diabetic Rats, **Ravi Babu Birudu**, Padmavathi Pamulapati, Manoharan Sathish Kumar, Journal of Diseases and Medicinal Plants, 6(4) 2020, 77-81. doi: 10.11648/j.jdmp.20200604.11
- [Biomarker changes in Diabetic rats Treated with Ethanolic Plant Extract of Passiflora Foetida Linn.](#) **RB Birudu**, Biosciences Biotechnology Research Asia 14 (1), 461-466, DOI : <http://dx.doi.org/10.13005/bbra/2465>
- [Advancements in the production of secondary metabolites](#), Vijaya Sree N*, Udayasri P, V.V. Aswani kumar Y, **Ravi Babu B**, Phani kumar Y, Vijay Varma M, /Journal of Natural Products, Vol. 3(2010): 112-123.
- Anticancer Properties of Secondary Metabolites of Medicinal Plants in Carcinoma, **Ravi Babu Birudu***1 and M. Jagadish Naik2, BBB[2][4][2014] 662-668.
- Anti-Dyslipidemia Effect of Ethanol Extract of *Passiflora foetida* on Dextrose Induced Diabetic Rats, **Ravi Babu Birudu**, M. Jagadish Naik, Janardhan M' UK Journal of Pharmaceutical and Biosciences Vol. 4(1), 13-19, 2016.
- Ethanolic extract of Passiflora foetida and silver nanoparticles on carbohydrate metabolic enzymes of dextrose induced diabetic rats. **Ravi Babu Birudu** , M.Jagadish Naik , Janardhan M, J. Biochem Biopharm Biomed. Sci. 1 (2015) 12-19.
- [Cardio protective activity of Passiflora foetida extract and silver nanoparticles in doxorubicin induced cardiac disease in rats](#), **RB Birudu**, JM Naik, M Janardhan - Indian Journal of Research in Pharmacy and Biotechnology vol 3(5)(2015)329-331.
- [Phytochemical screening of ethanolic extract of Passiflora foetida \(Linn\) and medicinal importance](#), **Ravi Babu Birudu**, Jagadish M Naik, Siddappa D Revana, SK Jilani, M Janardhan, Indian Journal of Research in Pharmacy and Biotechnology.vol 3(4) 2015,324-327.
- Secondary metabolites of ethanolic leaf extract of grewia hirsuta, **Ravi Babu Birudu** and P. Padmavathi, ejbps, 2018, Volume 5, Issue 1, 868-870.
- Efficacy of mangrove plant extracts on protein profiles in silkworm, bombyx mori L Samba Naik.A, **B. Ravi babu** and M. Jagadish Naik, Volume-7, Issue-2, April-June-2016 Coden IJABFP-CAS-USA.
- Effect of silver nanoparticles on carbohydrate and protein biochemical parameters in induced diabetic rats 1 **Ravi Babu Birudu**, M Jagadish Naik, Janardhan M, International Journal of Pharmaceutical Science and Research, Volume 1; Issue 3; March 2016; Page No. 43-45.

- A study on biochemical parameters of diabetic nephropathy patients before and after the dialysis **Ravi Babu.Birudu** , Jagadish Naik, IJRPB 3(2) March-April 2015,141-146.
- Medicinal properties of annona squamosa in therapeutic use, M.Jagadish Naik **Ravi Babu**, Elixir Bio Technology vol 1(78)2015, 29746-29750.
- Impact of Botanical Extracts on the Incidence of Major Pest (tukra) in Mulberry leaves on Carbohydrate metabolism in Silkworm, Bombyx Mori L., M.Jagadish Naik Samba Naik.A, Suresh.B, **Ravi babu.B**,vol 2(11) 2013/10,110-114.
- Chromium induced phosphatases alterations in selected tissues of fresh water fish catla catla (hamilton) Suresh B , Samba Naik A , **Ravi Babu B** , Lakshmana Swamy P , Cyril Arun Kumar L , Jagadish Naik M, International Journal of Biological & Pharmaceutical Research. 2013; 4(10): 718-721.
- Copper Schiff Base Complex and its Antimicrobial and Anticancer Activities M.S.N.A Prasad1 , G. Neeraja1 , B. Anil Kumar1 , K. Mohana Rao , B. Kishore Babu, **Ravi Babu Birudu**, JCPS Volume 10 Issue 3, July - September 2017,1406-1409.
- Synthesis, Spectroscopic Studies and Pharmacological Activity of Schiff Base Ligand M.S.N.A Prasad , G. Neeraja , B. Anil Kumar, K. Mohana Rao , B. Kishore Babu, **Ravi Babu Birudu**, JCPS Volume 10 Issue 3, July -September 2017,1403-1407.

Membership details:

ASOCIATE Fellow in Andhra Pradesh Akademi of Sciences

Online Course details: 5

- Certificate course on Covid-19-Tackling the novel Corona virus from **London School of Hygiene& Tropical Medicine**
 - COVID-19 Contact Tracing Certificate course from **John Hopkins University, USA.**
 - Certificate course on “Introduction to Human Nutrition” from Alison international online study centre.
 - Certificate course on “exploring cancer medicines” from **University of Leeds.**
 - Certificate course on “Introduction to Food and Health” from **Stanford University**
 - **Research Gate: 6.21**
 - **Citations: 108**
-

Google scholar Citations:

	All	Since 2017
<u>Citations</u>	158	91
<u>h-index</u>	4	4
<u>i10-index</u>	2	2

Personal Information

Date of Birth: 19/12/1982

Mobile Number: 9908089507

Mail-id: ravibabubitech@gmail.com