



Arya Vidyapeeth College
আর্য্য বিদ্যাপীঠ মহাবিদ্যালয়



Personal profile

Name of the Faculty: Dr. Susanta Kumar Borthakur

Designation: Associate Professor

Personal Date of Birth: 05-04-1967

Information Gender: Male

Nationality: Indian

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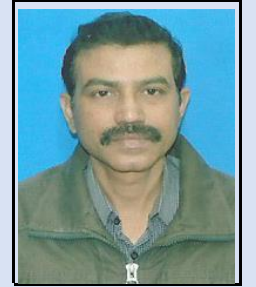
Date of joining the present service: 31-12-2009

Academic MSc, PhD

Qualification

Teaching In UG level: 15 Years

Experience In PG level: 05 Years



Research Date of obtaining / PhD Degree: 21-10-2005, Dibrugarh University (RRL, Jorhat)

Experience Title of the PhD thesis:

“SYNTHESIS OF NITROGEN/SULPHUR HETEROCYCLES OF BIOLOGICAL IMPORTANCE.”

Length of research experience: 20 years

Specialization (Area of interest): Synthetic heterocyclic chemistry

Research Guidance (M.phil/PhD guideship): Ph.D. guideship under Gauhati University

No. Of research projects:

Title of the project	Funding agency	Amount (in Rs)	Status (ongoing/completed)
Synthesis of Heterocyclic compounds using arylidinemalononitrile and studies their biological activities	UGC	1,60,000/-	Completed

Publication **No. Of Research paper published: 03**

Published Papers:

1. “Synthesis and antifungal activities of 3,5-diphenyl-7-amino[1,3]thiazolo[3,2-a]pyrimidine-6-nitrile derivatives”, J.Heterocyclic Chemistry, Susanta Kumar Borthakur, Pabitra Kumar Kalita and Sukanya Borthakur, 2020, Vol. 57, Pg.No. 1261-1265, ISSN 0022-152X

2. “Synthesis and antifungal activities of some new 5,7-disubstituted[1,2,4]triazolo[1,5-a]pyrimidin-6-one derivatives”, J.Heterocyclic Chemistry, Susanta Kumar Borthakur, Pabitra Kumar Kalita and Sukanya Borthakur, 2016, Vol. 53 Pg.No. 2079, ISSN 0022-152X.

3. "Efficient synthesis of homoallylic alcohols/amines from allyltributylstannane and carbonyl compounds/imines using iodine as a catalyst under acetic acid-water medium". Synthetic communications, Pabitra Kumar Kalita Susanta Kumar Borthakur, Runumi Das and Chandan Jyoti Choudhury, 2015, Vol. 45 Pg.No. 2444, ISSN 0039-7911

Papers

presented in
Seminar/
Conference

No. Of International Seminar: 03

1. [4+2] Cycloaddition reaction of 2-benzylideneamino-5-methyl-1,3,4-thiadiazole with ketene and their antifungal activities, Department of Chemistry, GU, 13th-15th February, 2020.
2. Synthesis of 2-methyl-5,7-diphenyl[1,3,4]thiadiazolo[3,2-a]pyrimidin-6-one derivatives, 55th Annual convention of Chemists, Pt. R.S.S. University, Raipur, Indian Chemical Society, 14-16 Nov., 2019
3. Synthesis of 5,7-diphenyl[1,2,4]triazolo[3,2-a]pyrimidine-6,6-dinitrile derivatives 55th Annual convention of Chemists, Naugachia (TM Bhagalpur University) Bihar, Indian Chemical Society, 28th -30th Dec., 2018.

No. Of National Seminar: 08

1. [4+2] Cycloaddition Reaction: Synthesis of 2-substituted [1,2,4] triazolo.....3,3-dioxide derivatives. Department of Chemistry, Arya Vidyapeeth College, Guwahati. DBT, Govt of India, 29th February, 2020
2. Synthesis of 3,4,5,6,7,8-hexahydro-1-substituted phenyl isoquinoline and 3,4,5,6,7,8-hexahydro-1-substituted Benzyl isoquinoline. 54th Annual Convention of Chemists. Indian Chemical Society, 26-28th Dec, 2017
3. Synthesis and antifungal activities of substituted thiadiazolo-.....dioxide derivatives. 20th CRSI National Symposium in Chemistry. Department of Chemistry, GU, 23-25 March, 2017.
4. Synthesis and antifungal activities of some new 2-phenyl[1,3,4]thiadiazolo[3,2-c][1,3,5]thiadiazine3,3-dioxide derivatives. National Symposium on Natural Products: prospects & Perspectives. CSIR, NEIST, Jorhat and CRSI-NE Chapter. 22-24 Feb, 2016
5. [4+2] Cycloaddition.....dioxides. JECRC University, Jaipur. Indian Chemical Society. 28-30 Dec., 2015.
6. Heterocyclic compounds in natural products with special reference to

Isoquinoline ring synthesis. Teachers' unit, N N Saikia College, Titabar.
Teachers' unit, N N Saikia College, Titabar UGC. 22-23 March 2014

7. Synthesis and antifungal activities.....derivatives. 51st Annual convention of chemists 2014, Kurukshetra University. Indian Chemical Society. 28-30 Dec., 2014.

8. Synthesis of 2-substituted[1,2,4]triazolo[3,2- c]thiadiazine 3,3-dioxides. 8th Mid year CRSI National Symposium in Chemistry. CSIR, NEIST, Jorhat. 10-12 July, 2014

Membership Life member of Indian Chemical Society of India (National level)
in reputed
international
agency

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