

# Dr. Challa Pradeep Kumar

## Personal Information

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Designation: Assistant professor

Qualification: MSc. Ph.D

Experience: 2 years

Specialization: Orgonic chemistry

Date of Joining: 01/08/2019

Phone Numbers: 9908568941

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### Achievements/Publications/Workshops/Seminar/Guest Lectures

#### **Publication**

1. *Chloramine-T-mediated synthesis of 6-aryl-9-(pyridine-yl)[1,2,4]triazolo[4,3-a] [1,8]naphthyridines. Pradeep Kumar Challa, Mallaram Aruna, Gade Dayakar.\* Ijrat., 2018, 6.*
2. *Efficient synthesis of 3-aryl-1-(4-{[3-(3-methoxyphenyl)-[1,8]naphthyridin- 2-yl]amino}phenyl)-2-propen-1-ones. Pradeep Kumar Challa, Mallaram Aruna, Jayanthi Gade Dayakar.\* Ijtimes., 2018, 4.*

3. *Antibacterial activity of 9-Aryl-6-(2-methoxyphenyl)-[1,2,4] triazolo [4,3a][1,8] naphthyridines. Mallaram Aruna, Pradeep Kumar Challa, Sujatha, Gade Dayakar.\* Ijtimes., 2018, 4.*
4. *Potassium dodeca-tangestocobaltate trihydrate (K<sub>5</sub>CoW<sub>12</sub>O<sub>40</sub>.3H<sub>2</sub>O): a mild and efficient catalyst for the synthesis of 2-aryl-1,8-naphthyridines under microwave irradiation. Mallaram Aruna, Pradeep Kumar Challa, Gade Dayakar.\* Ijrat., 2018, 6.*
5. *Environmentally benign synthesis and antibacterial activity of 1-[3- (2-naphthyl) (1, 8) naphthyridinyl-2-yl]-3-(2-Oxo-2(H)-3-Chorminyl)-1(H)-4-pyrazolecarbaldehyde. K.Mogilaiah,\* Pradeep Kumar Challa. Ijpcbs., 2018, 8, 134.*
6. *Anti-inflammatory screening of some novel coumarin derivatives. Jagadeesh Kumar Ega, Pradeep Kumar Challa, Kavitha Siddoju. Ijmter., 2018, 5.*
7. *One pot two component synthesis of linkers of coumarine [1,8]naphthyridinyl derivatives Pradeep Kumar Challa, and Jagadeesh Kumar Ega. Ijmter., 2017, 4.*

8. *Synthesis and characterization of novel 1,2,4- triazole fused 2(H)-chromene-2-one derivatives through o-c-c linkage. Pradeep kumar challa, jagadeesh kumar Ega. Ijmeter, 2017, 4.*

***List of Conferences / Seminars attended (National/ International).***

1. Participated in national conference on recent challenges in chemical research Symposium in Chemistry at Department of Chemistry, Kakatiya University, Warangal, during April 6-7th, 2018.
2. Participated in national conference on recent advances in medicinal chemistry Symposium in Chemistry at Department of Chemistry, Kakatiya University, Warangal, February 21st, 2018.
3. Participated in national conference on recent trends and challenges in chemical science Symposium in Chemistry at Department of Chemistry, Kakatiya University, Warangal, March 24-25th, 2017.
4. Participated in national conference on recent advances in chemistry Symposium in Chemistry at Department of Chemistry, Kakatiya University, Warangal, March 30-31st, 2015.

**Achievements**

1. Awarded Junior Research Fellowship (JRF) by CSIR-UGC-NET Examination– (December 2011).
2. SRF (Senior Research Fellow) by CSIR-UGC (February 2013).