



Mrs. K Bhagya Sri

M.Tech Chemical Technology

Assistant Professor(Contract)

Center for Chemical Sciences and Technology

Areas of Interest:

Advanced Process Control
Process Modeling and Simulation
Advanced Transport Phenomena
Advanced Fluid Dynamics & Heat Transfer
Optimization Techniques in Chemical Engineering

NA

- ▶ Educational & Professional

- ▶ Academic Qualifications

- ▶ M. TECH in Chemical Technology, Jawaharlal Nehru Technological University Hyderabad with FIRST (2012-2014)
- ▶ B. Tech in Chemical Engineering, JNTUA College of Engineering, Anantapur with FIRST (2008-2012)

- ▶ Publications

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International Conference

- ▶ K. Bhagyasri, T. Balanarsaiah, P. Sunil Bawane. , *Heterogeneous Catalytic Hydrogenation of 2,2 Dinitrodibenzyl to produce 2,2- diaminodibenzyl using palladium on carbon as catalyst*, Trend Setting Innovations in Chemical Sciences & Technology- Nature Inspired Chemistry & Engineering, ISBN No.978-93-82829-14-0, pp.94-97, Spectrum Publications, october, 2016
- ▶ D. Anitha, T.E. Vittal Prasad, D. Subbarao, K. Bhagyasri, *Determination of Surface Tension of binary mixtures of butanol isomers with O-xylene*, Trend Setting Innovations in Chemical Sciences & Technology- Nature Inspired Chemistry & Engineering, ISBN No.978-93-82829-14-0, pp.281-284, Spectrum Publications, october, 2016
- ▶ P. Naga Nithin, S. Sridhar, K. Bhagyasri, A. Jaya Shree., *Application of Membrane Separation Techniques for treatment of contaminated drinking water and aqueous sugar solution*, Trend Setting Innovations in Chemical Sciences & Technology- Nature Inspired Chemistry & Engineering, ISBN No.978-93-82829-14-0, pp.140-145, Spectrum Publications, october, 2016
- ▶ Bhagyasri, Eubert P Mahofa, Simbarashe Taruwinga, *Synthesis of Phosgene-free-dimethyl carbonate from methanol and urea*, Trend Setting Innovations in Chemical Sciences & Technology- Nature Inspired Chemistry & Engineering, ISBN No.978-93-82829-14-0, Spectrum Publications, october, 2016
- ▶ K. Bhagyasri, T. Balanarsaiah, P. Sunil Bawane, *Heterogeneous Catalytic Hydrogenation of P-Nitrobenzaldehyde to produce P- Aminobenzaldehyde using platinum on carbon*, Trend Setting Innovations in Chemical Sciences & Technology- Applications in Pharma Industry, ISBN No.978-83-82829-48-5., pp.127-129, Spectrum Publications, December, 2015
- ▶ P. Aparna, K. Bhagyasri, *Drying Characteristics of food grains*, Trend Setting Innovations in Chemical Sciences & Technology- Applications in Pharma Industry, ISBN No.978-83-82829-48-5., pp.18-21, Spectrum Publications, December, 2015
- ▶ Y.Gangadhar Reddy, K. Bhagyasri, K. Ravi Sharma, T. Bala Narsaiah, *Catalytic Hydrogenation of P-Nitrobenzamide to produce P-Aminobenzamide over palladium catalyst supported on Carbon*, New Dimensions in Chemistry and Chemical Technology, pp.372-374, Spectrum Publications, June, 2014

- ▶ **Events Participated/Organized**

- **Organized**

- ▶ Organized a Conference on Trend Setting Innovations in Chemical Sciences & Technology-Nature Inspired Chemistry and Engineering (TSCST-NICE 2016), Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 04-10-2016 to 06-10-2016
- ▶ Organized a Conference on Trend Setting Innovations in Chemical Sciences & Technology-Applications in Pharma Industry (TSCST-API 2015), Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 17-12-2015 to 19-12-2015
- ▶ Organized a Workshop on Technological Advances in Chemical Sciences (TACS-2015), Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 14-09-2015 to 16-09-2015
- ▶ Organized a Symposium on FUSION 2k10, Jawaharlal Nehru Technological University Anantapur,
- ▶ Organized a Symposium on FUSION 2k11, Jawaharlal Nehru Technological University Anantapur,
- ▶ Organized a Symposium on FUSION2k9, Anantapur,

- **Presented**

- ▶ Presented a paper in *New Dimensions in Chemistry and Chemical Technologies*, Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 23-06-2014 to 25-06-2014
- ▶ Presented a paper in *CHEMOSPHERE 2011*, Sri Venkateswara University, Tirupati.,

- **Participated**

- ▶ Participated in a Seminar on *India First Leadership Talk Series by Shri Ajit Doval*, Institute of Science & Technology, JNTUH, 19-03-2019 to
- ▶ Participated in a Workshop on *Two Day National Workshop on 3D Printer Technology and its Fabrication*, Centre for nano Sciences & Technology, IST, JNTUH, 15-03-2019 to 16-03-2019
- ▶ Participated in a Seminar on *Short course on Surface area and porous material Characterization*, Jawaharlal Nehru Technological University Hyderabad, 13-03-2019 to
- ▶ Participated in a Workshop on *Two Day National Workshop on Preparing for NBA Accreditation & SAR Filling*, Department of Mechanical Engg. JNTUHCEH, 18-02-2019 to 19-02-2019
- ▶ Participated in a Workshop on *ACS on campus IICT Hyderabad*, CSIR-IICT Hyderabad, 07-02-2019 to
- ▶ Participated in a Seminar on *Short Course on Applied Rheology By Thomas Mezger*, Osmania University, Hyderabad., 05-02-2019
- ▶ Participated in a Training on *OBE-NBA peer visit preparation training program*, Institute of Science & Technology, JNTUH, 25-07-2018 to 27-07-2018
- ▶ Participated in a Workshop on *Industry Institute Partnership Opportunities and Challenges*, University Industry Institute Interaction Centre, 18-08-2016 to
- ▶ Participated in a Workshop on *Green Synthesis and Practical Rheology*, Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 19-07-2016 to
- ▶ Participated in a Workshop on *Science and Technology, Present Scenario, Dedicated to Dr. APJ Kalam*, Institute of Science & Technology, JNTUH, 29-02-2016 to
- ▶ Participated in a Workshop on *stepping into advanced flow reactors*, Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 25-02-2015 to 26-02-2015
- ▶ Participated in a Workshop on *Safety in Chemical & Pharmaceutical Industries*, Centre for Chemical Sciences & Technology, Institute of Science & Technology, JNTUH, 30-07-2014 to
- ▶ Participated in a Workshop on *Emerging trends in Chemical Sciences and Technology*, Centre for Chemical Sciences and Technology, Institute of Science and Technology, JNTUH, 09-01-2014 to
- ▶ Participated in a Workshop on *Career Planning and Preparation*, Jawaharlal Nehru Technological University Anantapur,

Contact :

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Center for Chemical Sciences and Technology

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