

CURRICULUM VITAE

ANKE RAJASEKHAR BABU

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Personal Details:

Father Name : Sri. A.ANJANAPPA(Late)
Mother Name : Smt. A. HEMAVATHI (Late)
Date of Birth : 07-08-1984
Sex : Male
Marital Status : Married
Languages Known : English, Hindi and Telugu.
Nationality : Indian
Permanent Address : # 11-615, Obuldeva Nagar, ANANTHAPURAMU(Dist.), PIN-515001
Andhra Pradesh, INDIA.

Career Objective:

A position which would allow me to learn continuously, quickly and to passionately utilize my educational and professional skills for innovatively troubleshooting challenging technical problems and add tangible value to the organization.

Educational qualifications:

Class/Degree	Board / Institute / University	Year of Passing	Percentage
S.S.C	G. S. E. M. High School, ATP	1999	81.16
Intermediate (MPC)	S. S. B. N. Jr. College, ATP	1999-2001	65.40
B. Tech (Chemical Engg.)	J. N. T. U. A. C. E., ATP	2002-2006	59.73
M. Tech (Chemical Engg.)	S. V. U. College of Engineering, TPT	2007-2009	74.50
<u>M.Tech Thesis:</u> "Heat transfer augmentation in Heat Exchangers using twisted inserts and helical coils using water and Nano fluids and simulation using Computational Fluid dynamics (CFD)".			
Ph.D (Chemical Engg.)	J. N. T. U. A., ATP	2015 (Admitted)	Pursuing
<u>Ph.D Title:</u> "Synthesis, characterization and applications of metal and semiconductor nanoparticles via plant extracts" Guide: Dr. P. Dinesh Sankar Reddy, Associate Professor, JNTUACEA.			

Job Experience:

- Working as lecturer in the Department of Chemical Engg, JNTUACEA from January 2013 to till date.
- Worked as Assistant Professor in Moradabad Institute of Technology, Moradabad from March, 2010 to October, 2010.

Relevant Skills:

Software Skills:

- MS Office, Windows 10/8/7/98/XP, Linux, Vista, Basic working knowledge of chemical Engineering simulation software's like XRD High score plus, ASPEN PLUS, C.F.D (GAMBIT & FLUENT), MATLAB (training required).

Journal Publications:

1. Published a Paper Titled "*Comprehensive study on Phytochemical Analysis of Medicinal plants in India*", in International Journal of Innovative research in Science and Engineering Volume NO.03, Issue 01, January 2017, (ISBN: 978-93-86171-21-4).
2. Published a Paper Titled "*Role of Secondary Metabolites present in the plant extracts on enhancing the medicinal properties of Nanoparticles*", in "Role of Chemistry in Human Health & Environmental Protection proceedings", First Edition 2017. (ISBN: 978-93-8510-132-8).

Conferences Attended:

1. A. Rajasekhar Babu, J. Jithendranath, Dr. P. Dinesh Sankar Reddy, "*Green route synthesis of Ag/CuO nanocomposite particles and their applications in Dye degradation*", in a Two day International Conference on "Recent Advances in Engineering Sciences (ICRAES-2018)" at RAMAIAH Institute of Technology, Bangalore, on 26th to 27th September 2018.
2. A. Rajasekhar Babu, Ch. Maneesha, Dr. P. Dinesh Sankar Reddy, "*Green Synthesis of Nickel Nanoparticles Using Ocimum Sanctum Leaves*", in A Two day DST-SERB Sponsored National Conference on "Recent Advances in Polymer Technology and Industrial Application (RAPTIA-2017)" at Guru Nanak Institutions Technical Campus, Hyderabad, on 17th to 18th February 2017.
3. A. Rajasekhar Babu, Y. Hima Bindu, Dr. P. Dinesh Sankar Reddy, "*Synthesis of cellulose Nano Fibers from different agricultural residues*", in A Two day DST-SERB Sponsored National Conference on "Recent Advances in Polymer Technology and Industrial Application (RAPTIA-2017)" at Guru Nanak Institutions Technical Campus, Hyderabad, on 17th to 18th February 2017.
4. A. Rajasekhar Babu, N. Khaja Moin, Dr. B. Dilip Kumar, Dr. P. Dinesh Sankar Reddy, "*Synthesis of Semi-Conductor Nanoparticles Using Calatropis Gigantia Leaf extract*", in A Two day DST-SERB Sponsored National Conference on "Recent Advances in Polymer Technology and Industrial Application (RAPTIA-2017)" at Guru Nanak Institutions Technical Campus, Hyderabad, on 17th to 18th February 2017.
5. A. Rajasekhar Babu, Dr. P. Dinesh Sankar Reddy, "*Comprehensive study on Phytochemical Analysis of Medicinal plants in India*", in "6th International Conference on Recent Trends in Engineering, Science & Management (ICRTESSM-17)" at National Institute of Technical Teachers Training & Research, Chandigarh, India on 8th January 2017.
6. A. Rajasekhar Babu, Dr. P. Dinesh Sankar Reddy, "*Role of Secondary Metabolites present in the plant extracts on enhancing the medicinal properties of Nanoparticles*", in A Two day UGC & APSCHE Sponsored National Seminar on "Role of Chemistry in Human Health & Environmental Protection" at Government Arts College, Ananthapuramu, on 30th to 31th January 2017.
7. A. Rajasekhar Babu, Dr. P. Dinesh Sankar Reddy, "*A study on phytochemical analysis of different plants (leafs) in India*", in TEQIP-II sponsored International conference on "Trend Setting Innovations in Chemical Sciences & Technology Nature Inspired Chemistry & engineering (TSCST-NICE 2016) organized by Centre of Chemical Sciences & Technology, IST, JNTUH, Hyderabad on 4th to 6th October 2016, ISBN:978-93-82829-14-0.
8. A. Rajasekhar Babu, Dr. P. Dinesh Sankar Reddy, "*Green Synthesis of Silver Nanoparticles from Flower Extracts of Calatropis Gigantia and Evaluation of Antibacterial and Antifungal*

Activities”, in International congress on Recent Advances in Chemistry and Chemical Engineering (ICRACACE-2016) at JNTUH, Hyderabad, on 11th to 13th June 2016.

9. Dinesh Tandle, A. Rajasekhar Babu, Dr. P. Dinesh Sankar Reddy, “*Green Synthesis of Silver Nanoparticles from Extract of Neerium Oleander Flowers for Anti-Microbial Applications*” in National Conference on Emerging Trends of Advanced functional Materials (NCAFM-2015) at KL University, Vijayawada, 03-04 September, 2015, Vol-I, pp75.
10. S. Sharada & A. Rajasekhar Babu presented a paper “*Environmental implications of conventional farming system*” at International conference on “Emerging trends in chemical and pharmaceutical sciences” of ICETCPS and first convention of ICCP held at JNTUA during 28th to 30th in collaboration with science-tech foundation Bengaluru.

Training Programs Attended:

1. Attended training Programme on XRD system and software’s held on 22nd and 23rd March 2016 at IITM, Chennai in collaboration with PANALYTICAL Systems, Boston.
2. Attended training Programme on “one day Intensive Hands on Training Program on Fundamentals and Usage of XRD”, held on 24th September 2016 at JNTUA College of Engineering, Ananthapuramu, A.P.

Faculty Development Programs Attended:

1. Participated & completed successfully AICTE Training and learning (ATAL) Academy Online Elementary FDP on "PATENT DRAFTING AND FILING" from 2021-06-14 to 2021-06-18 at Jerusalem College of Engineering, Chennai.
2. Participated & completed successfully AICTE Training and learning (ATAL) Academy Online Elementary FDP on "Recent developments in Sustainable processes" from 2021-5-31 to 2021-6-4 at Indian Institute of Carpet Technology.
3. Participated in a One week FDP on “RENEWABLE AND CLEAN ENERGY CONVERSION TECHNOLOGIES AND MATERIALS from 4-01-2021 to 8-01-2021 at UCET, Bikaner and JNTUACEA.
4. Attended AICTE Sponsored STTP-III on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D), Telangana held during 23th-28th November 2020.
5. Participated and completed successfully in AICTE sponsored FDP “Advances in Teaching and Research in the field of Green Energy and Sustainable Development” organized by Department of EEE, JNTUA Kalikiri and Directorate of Faculty Development & IQAC JNTUA, A.P from 02-11-2020 to 07-11-2020.
6. Attended AICTE Sponsored STTP-II on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D), Telangana held during 5th-10th October 2020.
7. Participated & completed successfully AICTE Training and learning (ATAL) Academy Online FDP on "Computational Fluid Dynamics" from 2020-9-28 to 2020-10-2 at Govt College of Engineering and Research Avasari.
8. Participated in one week AICTE sponsored STTP on “Nanotechnology and Functional Materials (NTFM-Phase-III)” held from 14-09-2020 to 19-09-2020, through online mode, organized by Department of Mechanical Engineering, S V College of Engineering, Tirupathi, A.P.

9. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Nanotechnology" from 2020-8-24 to 2020-8-28 at Visvesvaraya National Institute of Technology, Nagpur.
10. Attended AICTE Sponsored STTP-I on "Industrial Pollution & Control Strategies" organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D), Telangana held during 24th-29th August 2020.
11. Participated in a 5-day Workshop on "Plant and Equipment Design" conducted online by the Department of Chemical Engineering and the Department of Biotechnology during 24th to 28th July 2020, MSRIT Bangalore.
12. Participated in a Five Day Online Faculty Development Program cum Webinar Series on "Latest Trends and Future Prospects of Biotechnology" Organized by Department of Biotechnology, National Institute of Technology Andhra Pradesh from 06-07-2020 to 10-07-2020.
13. Participated in four days online Faculty Development Programme on "Advanced Technologies in Chemical Industries" organized by the Department of Chemical Engineering in association with IChE-SPCET Student Chapter from June 23, 2020 to June 26, 2020.
14. Participated in the Faculty Development Programme on "Reinforcing Professional Communication Skills for Teaching Faculty" held from 11-06-2018 to 15-06-2018 at JNTUA College of Engineering, Ananthapuramu, A.P.
15. Participated in the Faculty Development Programme on "Recent Innovations in Unit Operations for Pharmaceutical Industries" held from 20-11-2017 to 02-12-2017 at Department of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu, A.P.
16. Participated in the Faculty Development Programme on "*Big Data Analytics*" held on 20-02-2017 to 22-02-2017 at JNTUA College of Engineering, Ananthapuramu, A.P.
17. Participated in the Faculty Development Programme on "*AGILE Methodologies*" held on 25-02-2015 at JNTUA College of Engineering, Ananthapuramu, A.P.

Workshops Attended:

1. Attended three day workshop titled "*Experimental Approaches & Instrumental Aspects in Analytical Chemistry*", from 6th to 8th February 2019 organized by Department of Chemical Engineering at JNTUA College of Engineering, Ananthapuramu, A.P. under TEQIP.
2. Attended one day workshop titled "*21st Century Teaching Strategies*", on 16th September 2017 organized by Directorate of Faculty Development Centre at JNTUA College of Engineering, Ananthapuramu, A.P.
3. Attended one day workshop titled "*Role of Chemical Engineers in Electrochemical Industries*", on 27th March 2017 organized by Department of Chemical Engineering at JNTUA College of Engineering, Ananthapuramu, A.P.
4. Attended workshop titled, one day program on "*Career Awareness and Opportunities in Industrial Safety*" on 17/03/2017 at JNTUA College of Engineering, Ananthapuramu, A.P.
5. Attended two day National workshop titled, "*Applications of Advanced Analytical Techniques in Pharmaceutical Sciences and Nanotechnology*" on 16th & 17th September 2016 at Centre for Pharmaceutical Sciences and Centre for Nano Science & Technology, IST, JNTUH, Hyderabad.
6. Attended workshop titled, "one day didactical program on "*CRAFTING POWERFUL QUESTIONS*" on 16/07/2016 at JNTUA College of Engineering, Ananthapuramu, A.P.
7. Participated in one day workshop titled, "*Solar Power Technologies*", on 20-04-2016 at JNTUA College of Engineering, Ananthapuramu, A.P. under AP RUSA.

8. Participated in one day workshop titled, “*Wind Energy Conservation Systems*”, on 13-04-2016 at JNTUA College of Engineering, Ananthapuramu, A.P. under AP RUSA.
9. Participated in one day workshop titled, “*Indian Constitution – Role of a Citizen*”, on 26-11-2015 at JNTUA College of Engineering, Ananthapuramu, A.P.
10. Participated in one day workshop titled, “*Cyber Security*”, on 08-09-2015 at JNTUA College of Engineering, Ananthapuramu, A.P.
11. Participated in one day workshop titled, “*Awareness on IELTS for overseas Education*”, on 22-08-2015 at JNTUA College of Engineering, Ananthapuramu, A.P.
12. Participated in one day workshop titled, “*Awareness on various programs for foreign university collaborations*”, on 16-05-2015 at JNTUA College of Engineering, Ananthapuramu, A.P.
13. Organizing committee member in a one day 18th National Symposium on Environment (NSE-18) “Current Perspectives on Environmental Protection” organized by Department of Chemical Engineering, JNTUA College of Engineering, Ananthapuramu on 13th March 2013.

Extra-Curricular Activities:

- Achieved DIPLOMA IN MARTIAL ARTS (karate black belt)(DAN II) in ZEN SHITORYU (JAPANESE) STYLE, IN 2005.
- Conducted karate belt grade tests in district level.
- Selected as MRJNTU for the years of 2005 & 2006 in J.N.T.U,Ananthapuramu.

REFERENCES:

Prof. S.V.SatyanarayanaDr. P. Dinesh Sankar Reddy

ProfessorProfessor

Department of Chemical Engineering Department of Chemical Engineering

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(A.R. BABU)