



# PRAGATI ENGINEERING COLLEGE

**Autonomous**

# 1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G. Dist., (A.P.)  
(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK & Accredited by NBA and NAAC with “A” Grade)



## DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

### Faculty Achievements from 2017-2018

#### WORK SHOPS

The following faculty participated in the One day Workshop in the “**CAPACITY BUILDING WORKSHOP FOR TEACHERS “On RESEARCH PUBLICATION – IMPORTANCE OF JOURNAL METRICS”** Organized by IQAC & Research Committee, Pithampur Rajah’s Govt. College (A), Kakinada, On 18<sup>th</sup> November 2017.

[Dr.T.Satyanarayana](#) Associate Prof of Mathematics.

[Mr.P.Madhu Babu](#), Assistant Prof of Mathematics

[Dr.M.Balaiah](#), Associate Prof of Mathematics has Participated in the AICTE sponsored two weeks Short Term Course on “ Fixed Point Theory and Dynamical Systems” at IIT (BHU), Varanasi on 20<sup>th</sup> to 30<sup>th</sup> November 2017..

The following faculty participated in A Five Day **Workshop** on “**INNOVATION IN TEACHING ENGLISH**” organized by the Department of English , Pragati Engineering College (A) Surampalem from 6<sup>th</sup> to 10<sup>th</sup> Dec 2017..

[Mr.S.Prasad](#), Assistant Prof of English

[Mrs.D.Padmaja](#) Assoc. Prof of English

[Mrs.M.Madhavi](#), Assistant Prof of English.

[Mr.J.D.Naidu](#), Assistant Prof of English

[Mr.B.Kishore Kumar](#), Assistant Prof of English

[Mrs. V.Shirley Grace](#), Assistant Prof of English

[Mr. Balaji](#), Assistant Prof of English



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## DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Mr.K.Chakrapani, Assistant Prof of English

Mr.S.Prasad, Assistant Prof of English

Mr.G.Venkata Ratnam, Assistant Prof of English

Mr.K.Siva Sankar, Assistant Prof of English

Mrs.S.Chandra Kala, Assistant Prof of English

Ms.N.Manohari Devi, Assistant Prof of English

Mr.K.Anand, Assistant Prof of Management Science

Mr.B.Rajesh Kumar Assistant Prof of Management Science

- **Mr.B.Rajesh Kumar** Asst.Prof of Management Science has attended the **workshop** on “Writing Business Plan” held on 25<sup>th</sup> April, 2018 organized by Vel Tech Technology Incubator –Chennai.
- **Mr.B.Rajesh Kumar** Asst.Prof of Management Science has participated in the pre-conference **workshop** on “Publishing your Research” on 9<sup>th</sup> March 2018 organized by GITAM school of International Business, GITAM (Deemed to be University Visakhapatnam).

### SEMINARS

**Dr.M.Balaiah**, Associate Prof of Mathematics Presented a paper in the “ **ONE DAY NATIONAL SEMINAR ON MATHEMATICS**” Organized by Dr. Bhavanari Scholars/ students Association; AIMEd and APTSMS, in collaboration with the department of Mathematics, Acharya Nagarjuna University on 12<sup>th</sup> November, 2017.



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- **Mr.B.Rajesh Kumar** Asst.Prof of Management Science has attended Two-day National Seminar on Managing change in Economic Scenario of India held on 27<sup>th</sup> to 28<sup>th</sup> February 2018.

### FDP

**Vethsam Naga Lakshmi** in recognition of successful completion of “ Faculty Development Programme (FDP) in Entrepreneurship Development an Organisation of the Ministry of MSME, Yousufguda, Hyderabad on 7<sup>th</sup> to 19<sup>th</sup> August 2017..

- **Dr.T.Satyanarayana** Associate Prof of Mathematics has participated in the SHORT TERM COURSE ON “**MATHEMATICAL METHODS IN CIVIL ENGINEERING** “Organized by the Department of Civil Engineering, IIT Kharagpur from 19<sup>th</sup> to 23<sup>rd</sup> February 2018.

### PAPER PUBLICATIONS

- MANAS KUMARI YOGI, **G.BHASKARA RAO**, G.VIJAY KUMAR, published a paper on “An Investigative Study of Societal Implications Of Nano Technology” In **International Journal** of Advance Research in Science and Engineering ,ISSN(O):2319-8354,ISSN(P): 2319-8346 ,Volume No.07,Special Issue No (02),February 2018.
- KRISHNA PRASAD CHENNAPRAGADA, **VENKATA SATHYA MACHIRAJU PALAGUMMI** published a paper on “synthesis and characterization of 2-phenyl -5-(1-phenyl-3-(3,4,5-trimethoxyphenyl)-1h-pyrazol-4-yl)-1,3,4-oxadiazole scaffolds for Assessing Their Medical Potentials, Indian Journal of Pharmaceutical Education And Research/vol52/Issue1/Jan-Mar,2018.pp 135-145.(SCOUPS INDEX,SCI INDEX).



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- Ch.krishna Prasad and [P.V.S.Machiraju](#) published a paper on “synthesis and characterization of some novel aryl and heteroaryl chalcone derivatives of 3-(3,4,5-trimethoxy phenyl)-1-phenyl-1h-pyrazole -4- carbaldehyde for assessing their potentials as anti cancer agents” in,Russian Journal Of General Chemistry 2017,Vol 87,No.9,pp 2056-2066.ISSN 1070-3632.(SCI INDEX,SCOUPUS INDEX.)
- [M.Balaiah](#) published a paper “on Minimal Prime Filters of Almost Distributive Lattices” in **Global Journal of Pure and Applied Mathematics**, ISSN 0973-1768 Volume 13,number 10 2017 pp 7153-7161.
- [K.Chakrapani](#) ,G.Chaitanya published a paper on “English As A Second Language Learning For Professional Students In India-A Literature Based Approach” **ROOTS INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCHES** ,A **Peer reviewed** refereed& Quarterly journal with impact factor, vol 4,Special Issue 6, August 2017 ISSN:2349-8684,pp-89-91.(UGC Approved journal.
- [Demudu Naidu jureddi](#),N.Brahmaiah ,published a paper on “Emotional Intelligence And Communication Skills The Tools for Professional Excellence”An **International Peer Reviewed** Journal of Research Journal of English(RJOE),Issue,vol.2,Issue no .2,ISSN NO 2456-2696,November -2017,pp:139-143
- [R.Amulyam, A.Jyotsna](#) Dr N.Aruna kumari,published published a paper on “The Significant and Medical Applications of Graphene Nanoparticles” in **International Journal** of Advance Research in Science and Engineering Volume 06,issue 08 , ISSN 2319-8354 (O) ISSN(P) 2319-8346 ,PP 610-617,August 2017



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## DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

- [A.Jyotsna ,R.Amulyam](#) ,Dr N.Aruna kumari,published a paper on “Non Toxic and Medical Applications of Ferrofluid” in **International Journal** of Advance Research in Science and Engineering Volume 06,issue 08 , ISSN 2319-8354 (0) ISSN(P) 2319-8346 ,PP 618-626, August 2017
- [T.satyanarana](#),K.L.sai prasad,B.satyanaranaya published a paper “on a class of Para Kenmotsu Manifolds,”in the **International Journal** of Pure and Applied Mathematics”,volume 115, No.4 ISSN -1314-3395 ,August 8 2017,PP-827-834
- [Demudu Naidu jureddi](#) , published a paper on “Women as subaltern in the good earth of pearls buck”**ROOTS I NTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCHES ,A Peer reviewed** refereed& Quarterly journal with impact factor, vol 4,Special Issue 7, August 2017 ISSN:2349-8684,pp-40-45. .(UGC Approved journal)

## CONFERENCES

- [D.PADMAJA](#), presented a paper on “Recent Trends and Innovative Practices in Teaching English Language And Literature Language Laboratories in ELT@” Tirupati Chapter 6<sup>th</sup> annual **International Conference** on Recent Trends and Innovative Practices in Teaching English Language and Literature on 16<sup>th</sup> & 17<sup>th</sup> February 2018 in Association with Chadalawada Ramanamma Engineering College Tirupati ,ISBN:978-93-5291-505-7,PP140-141.
- Manas kumar yogi [G.BHASKAR RAO](#),G. Vijay kumar, presented a paper on “An Investigative Study of Societal Implications Of Nano Technology” In **International Journal** of Advance Research in Science and Engineering ,ISSN(0):2319-8354,ISSN(P): 2319-8346 ,Volume No.07,Special Issue No (02),February 2018, held 12<sup>th</sup> International **Conference** On Recent Innovations In Science Engineering and



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## DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Management-2018 held on Sri Venkateswara College of Engineering & Technology, Etcherla, Srikakulam, Andhra Pradesh. (UGC Approved journal).

- **A.Jyotsna** presented a paper on “Non Toxic and Medical Applications of Ferrofluid” in **10<sup>th</sup> International Conference** on Recent Trends in Engineering Science and Management held on 12<sup>th</sup>-13<sup>th</sup> August 2017 at Newtons Institute of Science & Technology Guntur Dist Andhra Pradesh India. (UGC Approved journal).
- **R.Amulyam**, presented a paper on “The Significant and Medical Applications of Graphene Nanoparticles” in **10<sup>th</sup> International Conference** on Recent Trends in Engineering Science and Management held on 12<sup>th</sup>-13<sup>th</sup> August 2017 at Newtons Institute of Science & Technology Guntur Dist Andhra Pradesh India. (UGC Approved journal)
- **Dr.P.V.S Machiraju** PRESENTED A PAPER “A Study on Hydro Geo Chemistry of Ground Water using Factor Analysis” IN THREE DAY **NATIONAL CONFERENCE** ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY 6-8 Oct 2017, Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437, Near Kakinada, A.P.
- **Mrs.R.Amulyam** PRESENTED A PAPER “Quality of Water Sources Near an Industry” IN THREE DAY **NATIONAL CONFERENCE** ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY 6-8 Oct 2017, Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437, Near Kakinada, A.P.
- **Mrs.A.Jyotsna** PRESENTED A PAPER “Super Critical Co<sub>2</sub> and its Significant Medical and Industrial Applications” IN THREE DAY **NATIONAL CONFERENCE** ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY 6-8 Oct 2017, Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437, Near Kakinada, A.P



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- **Mr.P.Satyanarayana** PRESENTED A PAPER “Evaluation of Ground Water Quality in Rural Habitations Near Agricultural Activity” IN THREE DAY **NATIONAL CONFERENCE ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY** 6-8 Oct 2017,Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437,Near Kakinada,A.P.
- **Mrs.K.Vani sri Krishna** PRESENTED A PAPER “Assessment of Chemical Contamination of Water Sources” IN THREE DAY **NATIONAL CONFERENCE ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY** 6-8 Oct 2017,Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437,Near Kakinada,A.P.
- **Mr P.Rajasekhara phaneendra** Participated A PAPER IN THREE DAY **NATIONAL CONFERENCE ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY** 6-8 Oct 2017,Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437,Near Kakinada,A.P.
- **Mr .G .Bhaskar Rao** PRESENTED A PAPER “Synthesis of Silver Nano Particles (AgNp) by Green Processes and their Mechanical ,Electrical and Anti Microbial Activities” IN THREE DAY **NATIONAL CONFERENCE ON INNOVATIVE PERSPECTIVES OF CHEMISTRY IN ENVIRONMENT ,PHARMACY AND TECHNOLOGY** 6-8 Oct 2017,Organized by Department of Chemistry and R&D Division Pragati Engineering College (A) Surampalem-533437,Near Kakinada,A.P.