

## **RESEARCH 2017-21**

### **Chemistry**

#### **Media Sensation**

**Researches on heavy metal pollution of surface and ground water conducted at St. Pious X Degree & PG College for Women have created sensation. Please check for articles that have appeared in the media, below:**

[Article in "The Hindu"](#)

[Article in "Deccan Chronicle"](#)

[Article in "The New Indian Express"](#)

#### **Books Published**

**Department of Commerce:** 16th December 2019: Mrs. G. Naga Laxmi was one of the joint authors for BANKING And FinAnciAl Services published by Professional Books Publisher with ISBN : 978-81- 944206-0-6.

**Department of Life Sciences :** Dr.Mala Das Sharm, Hod Chemistry, Dr.S.Sreedevi, HoD Microbiology & Dr.P.Vijaya Vani are the authors of the book titled “Innovations and Applications in life sciences” ISBN No: 978-93- 86435-72-9, publisher: Ratnaprasad Multidisciplinary Research & Educational Society, Vijayawada, A.P., India.

**Department of MBA:** The Department of MBA published a Book with the title – IndiAn – StArtup Ecosystem – Opportunities & ChAllenges in which 22 research articles were published with the ISBN Number: 978-93- 89652-62-8 in association with ‘Himalaya Publishing House’ are

- National Culture & Entrepreneurship Development-Mrs.Puppala Harshanya
- India Socio-Cultural values and startup Development-Mrs.P.Suhasini
- Challenges and Oppurtunities of Start-Ups in competing with enterprises in Artifaicial Intelligence and Machine Learning-Mrs.C.Latha
- Establishing and Sustaining Competitive Advantage along Strategic path of Start-Up-A Domestic Approach-Mrs.P.Anitha

- Predictors of Successful Strat-Ups-Mrs.S.Anika
- Product-Market fit for Start-Ups-Mrs.K.Swarna Latha
- Entrepreneur's opinion on Lean-Start-Up management Approach-Mrs.V.Sirisha

## **Staff Publications**

### **2020-21**

- Air quality before and after COVID-19 impacted lockdown from Hyderabad  
**Faculty:**Dr. Mala Das Sharma  
**Journal:** India published in Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020, ISBN 978-93-89817-31-7.
- COVID-19 pandemic: Unlocking the impact of anthropogenic input of PM2.5 and PM 10 in the air of Hyderabad city,India  
**Faculty:**Dr. Mala Das Sharma  
**Journal:**Online book titled "COVID-19 Pandemic Redefining The World" By RBVRR Women’s College, Hyderabad.

### **2019**

Das Sharma, Mala and Hemalatha, A.(2019) Spectrophotometer-based analysis of hexavalent chromium in various water bodies of Hyderabad city reveals large anthropogenic input. Journal of Applicable Chemistry, v. 8(3), p. 984–991.

### **2018**

Das Sharma, Mala and Padmalatha, P. (2018) Common Waterborne Diseases Due to Bacterial, Fungal and Heavy Metal Contamination of Waters: A Case Study from Nacharam Area of Hyderabad, India. Pollution, v. 4(2), p. 335–348.

### **2017**

- Das Sharma, Mala and Hymavathi, U.S.V.R. (2017) A Novel Approach for Kinetic Study of Alkaline Hydrolysis of Ethyl Acetate. Khimiya/Chemistry (Bulgarian J. of Sci. Education), v. 26(5), p. 754–762.
- M SudhaSwaraga(2017) Kinetic and Mechanistic Study of Oxidation of Purine Nucleosides by Sodium Chromate and Hydrogen Peroxide System in Presence of Ascorbic acid and Protection by Riboflavin International Journal of Research in Physical Chemistry; 7(1): 10-16
- M SudhaSwaraga (2017) Kinetic and Mechanistic Study of Oxidation of Pyrimidines by Sodium Chromate and Hydrogen Peroxide System in

Presence of Ascorbic acid and Protection by Riboflavin. *Chemical Science Review and letters*, 6(21), 79-87

## 2016

Das Sharma, Mala, Juyal, Archana, Karuna, M. and Das Sharma, S. (2016) A student-centric research and education program on heavy metal pollution of water bodies — case studies from selected Indian cities. *Current Science*, v. 111(8), p. 1393–1400.

M SudhaSwaraga (2016) Kinetic and Mechanistic Study of Oxidation of Purines by Sodium Chromate and Hydrogen Peroxide System in Presence of Ascorbic acid and Protection by Riboflavin *International Journal of Chemical Sciences*, 14(4), 2420-2432

M SudhaSwaraga & M Adinarayana,(2016)- Kinetics and mechanism of protection of uridine-5'- monophosphate from Sulphate radical anion by caffeic acid under anoxic conditions.. *ChemSci Rev Lett* , 5(19), 191-196

## 2015

Das Sharma, Mala, Juyal, A., Karuna, M. and Das Sharma, S. (2015) Spectrophotometer-based student education program on health hazard assessment due to Cr(VI) and Pb contamination in surface and groundwaters of Hyderabad City, India. *Pollution*, v. 1(2), p. 139–149.

M SudhaSwaraga& M Adinarayana (2015) Kinetics and mechanism of protection of guanosine from sulphate radical anion bycaffeic acid under anoxic conditions.,- *ChemSci Rev Lett* , 4(16), 1117-1123.

## 2014

Das Sharma, Mala and Karuna, M. (2014) Kinetic Study of Catalytic Decomposition of Hydrogen Peroxide by Aqueous Fe<sup>3+</sup> Ion — A Green Chemistry Approach. *Chem. Educator*, v. 19, p. 18–21

M SudhaSwaraga& M Adinarayana (2014) Kinetics and mechanism of protection of thymine from sulphate radical anion by vitamin E under anoxic conditions. *Chemical Science Review and Letters*, 11(3), 636-642,

M SudhaSwaraga& M Adinarayana (2014) “Kinetics and mechanism of protection of thymidine from sulphate radical anion by caffeic acid under anoxic conditions. *International Journal of Chemical Sciences*; 12 (2), 403 – 412

## 2013

Das Sharma, Mala (2013) Design and Fabrication of a Bench-top Gas generator for Four Year Undergraduate Laboratory Classes. World Journal of Chemical Education, v. 1 No. 1, p. 9–11.

## Faculty Paper Presentations

- “The Menace of dissolved chromium, Lead, Cadmium & Nickel in Fresh water bodies”

**Faculty:** Mrs Bharti Ahuja

**Venue:** Telangana academy of science in association with the national institute of technology Warangal during 22nd -24th December 2018.

## Projects

### UGC sponsored minor research projects

- Spectrophotometer-based student learning researches for understanding ecosystem complexity due to heavy metal pollution in surface and ground waters from selected cities of India (UGC approval Letter No. and Date: F.MRP-4401/12 [Link No.: 4401] dated October 2013) Principal Investigator: Dr. Mala Das Sharma Co-Investigators: M. Karuna & Archana Juyal
- Influence of Environmental pollutant Chromium on Human Health- A kinetic and Mechanistic Study with DNA Model Systems ( UGC approval Letter No. and Date: F.MRP-6201/15 [Link No. 6201] Jan., 2015) Principal Investigator: Dr. Sudha Swaraga

### Multidisciplinary Projects by St. Pious Undergraduate Environment Research Group (SPUGER)

- Removal of hexavalent chromium from aqueous solution using different herbal adsorbents (2018-2019) Principal Investigator: Dr. Mala Das Sharma
- Multidisciplinary Research Project on Evaluation of Common Waterborne Diseases due to Bacterial, Fungal and Heavy Metal Contamination of Waters—A Case Study from Nacharam Area of Hyderabad, India (2016-2018) Principal Investigator: Dr. Mala Das Sharma
- Spectrophotometer based students programme on health hazard assessment due to Cr (VI) and Pb contamination in surface and ground water of Hyderabad city (2014-15). Principal Investigator: Dr. Mala Das Sharma

## Outhouse Student Projects

- K.Navya, k. Swarna and B.Sharon of M.Sc. chemistry has successfully completed a project titled, 'Synthesis of 1-isopropyl benzimidazole-2-thione' as a part of internship at IIT, Hyderabad in the year 2018.
- Manasa, Ruchitha, Nikhila and Vinnela of M.Sc chemistry completed a project titled 'Drug target optimization in CML' using Molecular Docking as a part of internship at QSTATIX, Hyderabad in the year 2018.
- Mamatha, Mounika, Navya sree and Anisha Dimple of M.Sc chemistry completed a project titled 'Development of Drug design Molecular Docking by using Auto Dock for Mycobacterium Tuberculosis' as a part of internship at QSTATIX, Hyderabad in the year 2018.

## Inhouse Student Projects

- "Study of anti inflammatory drug Aspirin by chromatography and evaluation of amount of aspirin present in different brands of tablet". Project work by B.Sc II nd year students, 2018-19 Under the supervision of Dr.Sudha Swaraga and Dr. Ch.Snehalatha
- Potentiometric Kinetics of Alkaline Hydrolysis of Ethyl acetate - A Novel Approach Project work by B.Sc III rd year students, 2017-18 Under the supervision of Dr.Mala Das Sharma and Mrs.Hymavathy

## Biochemistry

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### Faculty Paper Presentations

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- " Digitalization of education in India during lockdown :Pros and cons "
- **Faculty:** Ms.C.Vani Sree  
**Venue:** National virtual conference by Department of commerce on Covid-19 : Boon or Bane,Kasturba Gandhi College For women, Secunderabad,15th July 2020.
- " Digitalization of education in India during lockdown :Pros and cons "
- **Faculty:** Mrs.N.Swathi Sree  
**Venue:** National virtual conference by Department of commerce on Covid-19 : Boon or Bane,Kasturba Gandhi College For women, Secunderabad,15th July 2020.
- "Food Adultration and Impact of Global Warming"

**Faculty:**Ms. Sandhya maithreyi

**Venue:**Chrish Deemed to be University , Bangalore on 20 th and 21 st feb 2019

- “Synthesis characterisation and Biological activities of silver nano particles in Tinospaora cordifolia and Menthe arvensis”

**Faculty:**Mrs V.Rani Padmini

**Venue:**Telangana state science congress, NIT Warangal on 22nd to 24th dec 2018.

- “Best Practices of our institution titled “Achieving academic excellence through strengthening the capacity building programs in the souviner of the national seminar on Best practices”

**Faculty:**Ms.C.Vanisree

**Venue:**Annamalai University,TN.

- “Study on antibacterial effect of polyphenols of five different plant sources”

**Faculty:**Ms. C. Vanisree, Head, Department of Biochemistry

**Venue:**“The International Conference On Biochemistry, Nutrition And Pharmacy In Human Welfare-Recent Trends And Future Challenge”, organized by The Department of Biochemistry, Osmania University, from 3rd September to 5th September

## Staff Publications

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- Emerging Strategies to Ensure Health Equity of Marginalised Women Population  
**Faculty:**C.Vanisree, N.Swathi sree , Syeda Maher Afreen  
**Journal:**BOOK: Conditions of Marginalised Communities in the Globalised Era: Challenges and Responses, ISBN 978-81-21220-23-1
- COVID 19 -A blessing in disguise to Mother nature  
**Faculty:**C.Vanisree  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020, ISBN 978-93-89817-31-7
- AnAlysis of potASSium levels in fruits by flAme photometry- Mrs.Meher Afreen, Mrs.Mubeen Begum. Proceedings of National seminar on Health, Hygiene and sanitation published in International Journal of Pharmacy and Biological Sciences. ISSN:2330-7605(ONLINE).
- Acheivement of Women in Science and Technology

**Faculty:** Mrs. V.Rani Padmini

**Journal:** Palamur University ISBN No-978-93-5171-160.5 on 3/8/19

- Analysis of sodium levels in Junk food by Flame photometry

**Faculty:** Mrs. Anantha Laxmi

**Journal:** Pharma tutor

- “Study on antimicrobial activity of various plant derived polyphenol extracts on Staphylococcus aureus”

**Faculty:** Ms. C. Vanisree

**Journal:** seminar proceedings of ISAS -2015 by International E-publication ( Registered publisher under MHRD , Indian Government) with ISBN number : 978-93-84648-95-4

- “Determination of Sodium Metal ions in various junk foods by flame photometry”

**Faculty:** Ms. V.Rani Padmini

**Journal:** seminar proceedings of ISAS -2015 by International E-publication ( Registered publisher under MHRD , Indian Government) with ISBN number : 978-93-84648-95-4

- “Utility of Viral load in ART”

**Faculty:** Ms. K. Srilaxmi

**Journal:** seminar proceedings of ISAS -2015 by International E-publication ( Registered publisher under MHRD , Indian Government) with ISBN number : 978-93-84648-95-4

- Comet assay as a diagnostic tool for the assessment of male infertility

**Faculty:** Dr. K. Vani

**Journal:** Diseases Markers (Accepted); March’2013

- Clinical Relevance of Vitamin C among Lead Exposed Infertile Men

**Faculty:** Dr. K. Vani

**Journal:** Genetic Testing and Molecular Biomarkers; Sep (2012); 16(9): 1001- 6; PMID: 22731648

- Effect of Benzene Exposure on Fertility of Male Workers Employed in Bulk Drug Industries

**Faculty:** Dr. K. Vani

**Journal:** Journal: Genetic Testing and Molecular Biomarkers (Jun’2012); 16(6):592-7. PMID: 22304538

- Assessment of Drug induced Genotoxicity in Gastric Cancer Patients

**Faculty:** Dr. K. Vani

**Journal:** Journal: African Journal of Biotechnology (Jan’2012), Vol. 11(4), pp. 974-978

## **Biochemistry Students' Inhouse projects**

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- Effect of Trace elements on the growth of normal flora- M.SC I Year
- Study on the chlorophyll profile in the various developmental stages of plant-I B.Sc
- Estimation of iron in various food sources by wong's method- II B.Sc
- Estimation of cholesterol in various junk foods by zak's method- III B.Sc

## **Microbiology**

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Minor research Project sponsored by UGC

- Dr. Sreedevi's Research Project Titled: "Isolation of Phosphate Solubilising Bacteria (PSB) from soil and evaluating their role on plant growth promotion" Duration: 2 years

## **Student Outhouse Projects**

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- Miss Ada Zwetlana of II M.Sc Microbiology has obtained a Indian Science Academy's Summer Research fellowship program for 2014 and completed Project on "Role of Yapsins in Physiology of Candida glabrata at Centre for DNA Fingerprinting, (CDFD) Hyderabad
- Ms. Divya Thabitha & Ms . Manipriya Rao Of M.Sc II yr(microbiology) Presented a paper on " Isolation and identification of Fem Genes from Various MRSA" at GMERF, Global Hospitals, Lakdikapul during 2013-14.

## **Students Inhouse Projects: 2016-17**

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- "Isolation of ethanol tolerant yeast and testing their fermentation efficiency"-students M.Sc.IIyr Manasa, Rachana,Himaja,Chandana, Susravya, Anusha, Mounika under the guidance of Dr. K. Vindhya Vasini Roy.
- " Isolation of amyase Producing Bacteria from various sources" – Students: B.Srilekha, Fathima Shaistha, A.Madhuri, J.Alekhyia, B.Harika, S. .Divya Jyothi, K. Sai Vinisha, G.Madhulika under the guidance of Dr. S. Sreedevi



- “Isolation of different types of fungi from various soils”- Students: II MZC- Sneha, Vaishali, Tehniyat under the guidance of Mrs. Pritha Ghosh.
- “A Multidisciplinary Project on Water Pollution – Impact on Human Health.
- A case study on industrial Hub, Nacharam, India. Microbiological analysis of water samples” - students: II MGC – Neha Navishta, Dorothy, Anusha, Mounika, Jerusha, sushmitha under the guidance of Ms Rajeetha Mondal.

### **Students Inhouse Projects: 2015-16**

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- “Strain improvement of Amylase producing Bacteria” carried out by Students : M.Sc (Microbiology) Final yr - Chaitanya, Deepthi, Priyanka, Sunanda, Renuka under the guidance of Dr. K. Vindhya Vasini. Roy
- “Isolation and screening of PSB from rhizosphere soil samples” carried out by II M.Sc Students – A.Shiksha, A. Nandini, K. Priyanka, Sanju Susan James, E. Geethika, G. Darpana, Muneer Banu under the guidance of Dr. S. Sreedevi
- “Antimicrobial effect of sanitizers on microorganisms”- Students: III MBC- Hiranmayee, Sushma, Swetha, Sumalatha under the guidance of Mrs. Pritha Ghosh
- “Oligodynamic effect of money Coins on microorganisms” - Students: III MGC- Ravali, Mokshavi, Deepshika, Vasuki - under the guidance of Mrs. Pritha Ghosh

### **Students Inhouse Projects: 2014-15**

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- Isolation and characterization of pigment producing bacteria carried out by II M.SC. Microbiology students under Dr.K.Vindhya vasini Roy
- “Solid Waste Management in St. Pious X Degree & PG College” carried out by II MGC Students – Ravali, Mokshavi, Veeralakshmi, Sindhuja, Anusha,Deepshika under the guidance of Dr. S. Sreedevi
- “Isolation of oil degrading organisms from soil” carried out by II MBC students – Deepa, Sravani, Maria and Celestina under the guidance of Mrs.Pritha Ghosh

- Isolation and Identification of microorganisms from drinking water samples carried out by Harika, Elizabeth, Shahnaaz, Sudha, Aquila, Rashmi, Saranya, Syeda - III M.G.C. under Mrs. Kusuma Dorcas
- Antimicrobial activity of fruit juices on Staphylococcus and E.coli carried out by Radha , Ankitha, Pranathi, Arsheen, Sam Emima, Prasanna, Shifa and Naveena of II BC.MC under Mrs. K.Swarnalaha

### **Projects Completed: 2013 – 2014**

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- Identification of various fungi on bakery products carried out by B.Sc [BCMC & MGC] students under Mrs. Kusuma Dorcas

### **BOOKS PUBLISHED**

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- Dr. S. Sreedevi published a book - “Microbial Phytases - Production, Properties and Applications” ISBN No: 978-3-659-39174-3, LAP Lambert Academic Publishing, Germany.

### **RESEARCH PAPERS PUBLISHED**

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#### **2020-21**

- A study on efficiency of constructed wetlands in removal of pathogenic bacteria

**Faculty:**Dr.S.Sreedevi

**Journal:**Indian Journal of Environmental Protection.

#### **2019-20**

Department of Microbiology: Dr S.Sreedevi, HoD Microbiology along with B.Sc students A.Vineetha, K.Balamanogna, Naga Shravani, V.Alekhyia published a paper titled Bioremediation of WASTE water using A Photosynthetic BACTERIAL ISOLATE in International Journal of Pharmacy and Biological Science, IJPBS Volume 9 special issue 2 page 60-63, ISSN 2230-7650(online)

- Mrs. Pritha Ghosh, Faculty, Microbiology along with B.Sc students Sanjana, Sudha Sree, Shreya Pradhana, Daisy Divya, Garima Sharma, Kruthika Deepti and Jaslin published a paper titled Isolation And Identification of

Soil Fungi at St Pious X Degree and P. G. College for Women in International Journal of Pharmacy and Biological Science, IJPBS Volume 9 special issue 2 page 32- 36, ISSN 2230-7605(online)

### **2016-17**

- Dr.S.Sreedevi published a research article titled “Effect of Phosphate Solubilising Bacteria Bacillus PSB24 on growth of Tomato plants” in International Journal of Current Microbiology and Applied Sciences , 2016, 5 (7):311-320 (ISSN no: 2319-7706)(Impact factor - 2.937)
- Mrs. Pritha Ghosh and Dr. K.Vindhya Vasini Roy published a research article titled “Isolation of Cellulase Producing Bacteria from Environmental Sources” in Life sciences International Research Journal, 2016, 3(2):102-104 (ISSN 2347-8691).
- Mrs.S.Chaitanya kumari published a research article titled “Screening studies for efficient xylanolytic isolates from diverse sources” in International Journal of Advanced Research in Science, Engineering and Technology, 2016, 3(7):2428-2433 (ISSN: 2350-0328).
- S.Sreedevi published an article titled “Dengue Fever” in Jignasa 2015-16, Hindi Annual Scientific Journal, Special Issue: Communicable Diseases (CCMB), 2016, Issue 14: p. no: 22-26 . ISSN: 0972-4311.
- Mrs.S.Chaitanya kumari published a research article titled “ Stability Studies on Ascorbic Acid content in various fruits,Vegetables and their Cocktail Juices “ in International Journal of Reasearch in Emerging Science and Technology. VOLUME-3, ISSUE-12, DEC-2016

### **2015-16**

- Dr. S. Sreedevi published a research paper titled ”Solid waste Generation and its Management- A Case Study” in International Science Congress Association (ISCA) journal International Research Journal of Environmental Sciences vol 4(1), 90-93, January (2015)
- Mrs. Kusuma Dorcas, Ada Zwetlana and Nandini (Faculty and students) published a research paper titled “Antimicrobial activity of Medicinal plant extracts on Gram negative bacteria “ in a Botany International Journal “Journal of Medicinal plants studies” 2(5): 51-54 (2014)
- Sreedevi Sarsan (2013) A Review on Role of Microbial Phytases in Agriculture, Online International Interdisciplinary Research Journal, 3(5):91-99
- Sreedevi Sarsan (2013) Effect of storage of water in different metal vessels on coliforms Int.J.Curr.Microbiol.App.Sci., 2(11): 24-29

- S. Sreedevi (2013) Biochemical Characterization of Phytase from newly isolated Bacillus subtilis C43., Conference of the International Journal of Arts & Sciences.,6(3): 293-302
- Kusuma Dorcas , Vindhya Vasini Roy (2012) Screening and Identification of Protease producing bacteria from soil; Acta Biologica Indica;1(2) : 246-248 (ISSN No 2319-1244)
- S. Sreedevi & B.N. Reddy “Isolation, screening and optimization of phytase production from newly isolated bacillus sp. C43” in International Journal of Pharmacy and Biological sciences, Volume 2, Issue 2, April-June, 2012, page no: 218-231
- S. Sreedevi & B.N. Reddy “Substrate optimization for phytase production from newly isolated Bacillus subtilis” in World Journal of Science and Technology, 2012, 2 (7): 08-13
- S. Sreedevi & B.N. Reddy “Effect of metal ions on production and activity of newly isolated Bacillus subtilis C43” in International research Journal of Pharmaceutical & Applied Sciences 2012, 2(6): 221-225
- S.Sreedevi & B.N. Reddy “Identification of Phytase producing Bacteria C43 isolated from cattle shed soil samples of Hyderabad, A.P.” in the international journal of Helix, 2013, Vol 1:238-242
- S.Sreedevi & B.N. Reddy “Screening for efficient phytase producing bacterial strains from different soils” in International Journal of Biosciences, Vol. 3, No. 1, p. 76-85, 2013
- S. Sreedevi & B.N. Reddy “Purification and Biochemical Characterization of Phytase from newly isolated Bacillus subtilis C43” in Advanced Biotech 12 (08):1-6.
- K. Vindhya Vasini Roy. Isolation of Lactobacilli from some traditional fermented foods and vegetables and evaluation of the bacteriocins , Int Res J Pharm App Sci 2 (6) (2012) 251

## **Botany & Biotechnology**

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### **Students/Staff Inhouse Projects 2011 - 2012**

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- Invitrio culture of some medicinally important plants - III BTBC students
- Mineral deficiency in agricultural fields – A survey – By II year students
- Extractions of bio pesticides using some common plants – By II year students

## **Publications**

- Resilient Recovery Of Nature  
**Faculty:**Dr.P.Padmalatha  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7.
- A Comparative Study of Northern & Southern Indian English Teaching and Learning  
**Faculty:**Dr. Anjana Shukla  
**Journal:**International Journal for Innovative Research in Multidisciplinary Field, ISSN : 2455-0620
- BioAerosol detection, identification & impACT studies in Indoor And Outdoor events in NACHArAm-  
**Faculty:** Mrs.Sujatha Uram, Mrs.Alka Jha.  
**Journal:** Proceedings of National seminar on Health, Hygiene and sanitation published in International Journal of Pharmacy and Biological Sciences ISSN:2330-7605(ONLINE)

## Zoology

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The department has initiated Chrysalis Butterfly Park beautifully maintained in the college garden as a part of linkage with BCS (Butterfly Conservation Society) and conducts workshops related to Biodiversity and its conservation

Analysis of abiotic components and conservation of Natural water body, HMT Lake in the neighborhood area is being carried out in collaboration with CEE (Centre for Environmental Education)

## Students/Staff Inhouse Projects

- Identification of local fauna in and around Chrysalis Park. (Completed)
- Entomological survey of Lemon tree parasites in an artificial ecosystem (Completed)
- Rain water harvesting project- (completed)
- Identification of different species of butterflies and their ethological patterns- (completed)
- Identification of beneficial and non-beneficial arthropods (completed)
- Identification of nematode parasites in tomato plant (Ongoing)

## Out-house Projects:

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- CENSUS Project with Telangana Forest Department Hyderabad (Completed)
- In collaboration with Telangana Forest Department Hyderabad, Two students Maria Veronica IIMZC and Mounika .Y of I MZC have carried project work Census at National park Mahavir Harina Vanasthali National Park and were asked to identify black buck deer and Antelopes, Chital, Wild Boar and Peacock

## **Research & Publication of Staff**

### **Paper presentations**

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- The research papers of faculty Mrs.Grace Beena Paul and Dr.Sikta Bandopadhyay were accepted for oral presentation and publication in Nov, 2015 ( 3rd Asia Pacific Social Science Conference), JAPAN
- On 18th August, Mrs. Grace Beena Paul, HOD, Department of Zoology presented a paper on “Rain water Harvesting: management and Strategies” at a National Seminar “Impact of scientific advances on society” organised by Department of Physical Science , St.Pious college and IGM.
- On 19th August, Dr.Sikta Bandopadhyay, Department of Zoology presented a paper on “delusional disorder: An altered perception” at a National Seminar on “Impact of scientific advances on society” organised by Department of Physical Science, St.Pious college and IGM.

### **Publications**

- COVID 19 and SDG'S Good Health and wellbeing in a Healthy Environment 19  
**Faculty:** Dr.Grace Beena Paul  
**Journal:** Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7
- Dr.Grace Beena Paul published a research paper on “COVID 19 and SDG’S-Good Health and well-being in a Healthy Environment” in International E-Publication of the book titled “Impact of Lockdown on Education,Economy & Environment in India”.ISBN 978-93-89817-31-7. Dr.Grace Beena Paul served as a member of the Editorial Board of the International E-Publication.

- Mrs. Grace Beena Paul(2015). Rain water Harvesting: management and Strategies. Proceedings of national seminar on Impact of scientific advances on society,pp:17-18.
- Dr.Sikta Bandopadhyay(2015). Delusional disorder: An altered perception. Proceedings of national seminar on Impact of scientific advances on society,pp:75-77.

## Commerce

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### Paper presentations 2020-21

- ” IBC & Covid 19”  
**Faculty:** Mrs. D. Geetha Reddy, Mrs. Maria Pavithra  
**Venue:** Corporate Sickness: Socioeconomics, Political & Legal issues Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021.
- ” Impact of IBC on Public Enterprises”  
**Faculty:** Mrs. Naga Laxmi  
**Venue:** Corporate Sickness: Socioeconomics, Political & Legal issues, Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021.  
 Paper presentations by the faculty on 09th – 10th September, 2015, in Two day ICSSR Sponsored National Seminar on “Entrepreneurship Development- a Drive for Sustainable Growth in Global Scenario” conducted by the department
- **Sr.Lourdu Mary**  
 Social entrepreneurship - A study on the “Social Service Societies of Telangana State.”  
**Mrs G. Naga Laxmi:**
- Passion towards Entrepreneurship  
**Mrs A. Reena Rani**
- Skill development key for Make in India

### **Mrs. Geeta**

- Pochampally Weavers Knit Success Story

### **Mrs. Pavithra**

- Family Business Entrepreneurs

## **UGC Sponsored Staff Project**

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- Traits and Attitudes of Women Entrepreneurs- A Study of selected Self-help Groups in Warangal District  
**Faculty:** Rev. Sr. Dr. Manikyam  
Minor Research Project: Sanctioned & Sponsored by UGC

## **List of Publication of the Department**

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- Teaching through a pandemic A mind set for teaches at this moment  
**Faculty:**G. Nagalaxmi  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020, ISBN 978-93-89817-31-7
- Environmental health by reduce, recycle & reuse Research challenge in digital Era  
**Faculty:**G. preethi  
**Journal:**IIMC Hyderabad ISSN-2581-6527 RNI: TELMUL/2019/75626 VOLUME III
- Economic Repercussions of the Pandemic with special reference to MSMEs  
**Faculty:**P.Madhavi Latha  
**Journal:** Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020, ISBN 978-93-89817-31-7
- India stares at a long Road for Economic Revival  
**Faculty:**D Geetha Reddy  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020, ISBN 978-93-89817-31-7



- Effect of Corona on sectors of Indian Economy  
**Faculty:**D.Sangeeta  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” on July 2020 ISBN 978-93-89817-31-7
- Dumping – A Toy story of India”  
**Faculty:** Mrs. Naga Laxmi  
**Journal:** ISBN No. 978-81-910003-0-15  
**Date:**15-06-2015
- “The New Complementary World Bank”- National Seminar on Business Dynamics – A paradigm shift in policies for sustainability conducted by St. Mary’s College, Yousufguda.  
**Faculty:** Mrs. Naga Laxmi  
**Journal:** ISBN No. 978-93-85506-04-8 Volume-I  
**Date:**31-10-2015
- FDI in Multi Brand Retail in India- A Case study on Walmart  
**Faculty:** Mrs.Reena Rani  
**Journal:** ISBN No. 978-81-910003-0-15  
**Date:**15-06-2015
- “Impact of Online Retailing in India” - National Seminar on Business Dynamics – A paradigm shift in policies for sustainability conducted by St. Mary’s College, Yousufguda.  
**Faculty:** Mrs.Reena Rani  
**Journal:** ISBN No. 978-93-85506-04-8, Volume-II  
**Date:**31-10-2015
- “MANAGING EMPLOYEES FOR SUCCESS” - National Seminar on Contemporary issues in Marketing, Finance, HRM & IT conducted by A.V.College Post Graduate Centre ,Gaganmahal , Hyderabad.  
**Faculty:** Mrs. D. Geetha Reddy  
**Journal:** ISBN No. 978-93-85506-01-7  
**Date:**5-12-2015
- Marketing strategies of McDonalds titled “Think Globally and Act Locally”  
**Faculty:** Mrs. Geetha Reddy & Mrs. Reena Rani  
**Journal:**International Journal OJIBS – Osmania University - ISSN No. 00973-5372

## 2014

- Banassurance  
**Faculty:**Mrs. Sailaja  
**Journal:**Changing Contours & Contemporary Issues In Banking,

Accounting Insurance & Finance & ISBN No.978-81-7276-492-0  
**Year:2014**

- Do we need more banks or Bigger Banks?

**Faculty:**Mrs. G.N. Laxmi and Mrs. Reena Rani

**Journal:**Changing Contours & Contemporary Issues In Banking,  
Accounting Insurance & Finance & ISBN No.978-81-7276-492-0

**Year:2014**

- Corporate Social Responsibility – Women Empowerment

**Faculty:**Mrs. Geetha Reddy and Mrs. Maria Pavithra

**Journal:**Changing Contours & Contemporary Issues In Banking,  
Accounting Insurance & Finance & ISBN No.978-81-7276-492-0

**Year:2014**

- Retail Discounting at Big Bazar, A Marketing Funda – Customer’s Delight

**Faculty:**Mrs. G.N. Laxmi and Mrs. Reena Rani

**Journal:**Emerging Trends in Indian retailing Industry – ISBN NO: 978-81-921579-5-5

**Year:2012**

- Retail Franchising – An Opportunity worth grabbing - A case on “World of Titan”

**Faculty:**Mrs. Geetha Reddy, Mrs. Amy Zipporah and Mrs. Maria Pavithra

**Journal:**Emerging Trends in Indian retailing Industry – ISBN NO: 978-81-921579-5-5

**2012**

## **List of Paper Presentations of the Department**

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### **During the year 2015**

- On 31st October, 2015, Mrs. Nagalaxmi presented a paper titled “– The New Complementary World Bank” in the National Seminar on Business Dynamics – A paradigm Shift in policies for sustainability conducted by St. Mary’s College, Yousufguda.
- On 31st October, 2015, Mrs. Reena Rani presented a paper titled “– Impact of Online Retailing in India” in the National Seminar on Business Dynamics – A paradigm Shift in policies for sustainability conducted by St. Mary’s College, Yousufguda.
- On 5th December 2015, Mrs. D. Geetha Reddy presented a paper titled “MANAGING EMPLOYEES FOR SUCCESS” in the National Seminar on

Contemporary issues in Marketing, Finance, HRM & IT conducted by A.V.College Post Graduate Centre ,Gaganmahal , Hyderabad.

### **R. Sailaja**

- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Talent Crunch Management on 06th & 07th Jan, 2012
- Presented in the National seminar organised by Bhavans Degree College on 13th September and presented papers on the topic“ Bancassurance

### **Sr. Manikyam:**

- Financial Markets – Issues and Challenges” Bharathidasan University, Tiruchinapalli, Tamilnadu on 10th to 11th Jan 2015 , Title of the paper: “CSR- Women Empowerment"

### **Mrs. Geetha Reddy**

- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Retail Franchising – An Opportunity worth grabbing - A case on “ World of Titan on 06th & 07th Jan, 2012
- Presented a paper on marketing strategies of McDonald titled “Think Globally and Act Locally”, for the International Conference on Global Business Opportunities and Challenges being organised by Osmania University in collaboration with AP State Council for Higher Education from 27th to 29th March, 2014.
- Presented a paper in Rural Market in India- An Unexplored Terrain” at Mahatma Gandhi University, Nalgonda, on 13th March, 2015 Title of the paper: Emerging trends in Rural Markets – Rural Markets are Volume market game rather than Value game’
- Presented in the National seminar organised by Bhavans Degree College on 13th September and presented papers on the topic ““Corporate Social Responsibility-Women Empowerment”.
- Presented a paper in Little Flower Degree College Uppal, 12th Nov, 2014 on Status of Social Sciences, Title of the Paper: “Evolution of CSR Practices in India – A Case Study of TATA Group
- Presented a paper in One day National Conference on “ Managing Business in Changing Economic Scenario” on the topic Ethical Advertising - “Advertising under the pressure of Ethics

- Paper presentations by the faculty on 09th – 10th September, 2015, in Two day ICSSR Sponsored National Seminar on “Entrepreneurship Development- a Drive for Sustainable Growth in Global Scenario” conducted by the Commerce Department on the topic “Pochampally Weavers Knit Success Story”
- On 5th December 2015, Mrs. D. Geetha Reddy presented a paper titled “MANAGING EMPLOYEES FOR SUCCESS” in the National Seminar on Contemporary issues in Marketing, Finance, HRM & IT conducted by A.V.College Post Graduate Centre ,Gaganmahal , Hyderabad.
- On 28th – 29th March 2016, Mrs. D. Geetha Reddy presented a paper titled “ Life Insurance – A Comparative study of Life insurance claim settlement of LIC if India with other companies” in the Two Day National Seminar on Role of Insurance in Financial Inclusion “ conducted by Dept. of Commerce Osmania University.

### **Mrs. Naga Laxmi**

- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Retail Discounting at Big Bazar, A Marketing Funda – Customer’s Delight on 06th & 07th Jan, 2012
- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Retail Discounting at Big Bazar, A Marketing Funda – Customer’s Delight on 06th & 07th Jan, 2012
- Presented a paper International Conference on “Free Trade Opportunities and Challenges”.12th to 14th June, 2014, AMS College, Hyd: Title of the paper: Dumping - A Toy story of India.
- Presented a paper at National Seminar of IQAC 8th and 9thMay, 2014, Kristu Jayanthi College, Bangalore, title of the paper: Pedagogy of Problem Based Learning
- Presented a paper at National Seminar on Status of Social Sciences. 12th Nov, 2014, Little Flower Degree College Uppal, Hyd. Title of the paper: “Social Audit – A case study of Andhra Pradesh
- Presented a paper at Mahatma Gandhi University, Nalgonda, on 13th March, 2015 at “Rural Market in India- An Unexplored Terrain” Title of the paper: Micro Insurance- Macro Coverage
- Presented a paper in One day National Conference on “Managing Business in Changing Economic Scenario” on the topic Ethical Advertising - “Advertising under the pressure of Ethics”

- Presented in the National seminar organised by Bhavans Degree College on 13th September and presented papers on the topic “Do we need more banks or bigger banks?”
- Presented a paper in One day National Conference on “ Managing Business in Changing Economic Scenario” on the topic Service Marketing – Marketing the invisible, A comparative study of Marketing Mix strategy of SBI & ICICI

### **Mrs. Reena Rani**

- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Retail Discounting at Big Bazar, A Marketing Funda – Customer’s Delight on 06th & 07th Jan, 2012
- Presented a paper in International Conference on “Free Trade Opportunities and Challenges” 12th to 14th June, 2014 at AMS College, Hyd Title of the paper: FDI in Retail - A Case study on Walmart
- Presented a paper in International Conference on “Implication of IFRS for Corporate Reporting Practices" at Osmania University on 13th to 15th March, 2015 Title of the Paper: “Impact of IFRS on Financial Statements in India –A case study on Infosys”
- Presented a paper in Mahatma Gandhi University Nalgonda, on 13th March, 2015 on Rural Market in India- An Unexplored Terrain”, Title of the paper: Changing Role of Advertising in Rural India – A move from touchpoint to trustpoint’
- Submitted a paper on marketing strategies of McDonald titled “Think Globally and Act Locally”, for the International Conference on Global Business Opportunities and Challenges being organised by Osmania University in collaboration with AP State Council for Higher Education from 27th to 29th March, 2014.
- Presented in the National seminar organised by Bhavans Degree College on 13th September and presented papers on the topic “Do we need more banks or bigger banks?”
- Presented a paper in one day National Conference on “Managing Business in Changing Economic Scenario” on the topic Service Marketing – Marketing the invisible, A comparative study of Marketing Mix strategy of SBI & ICICI

### **Mrs. Maria Pavithra**

- Presented a paper in the National Seminar on Emerging Trends in Indian retailing Industry at CMR Technical campus, on the topic Retail Franchising – An Opportunity worth grabbing - A case on “ World of Titan on 06th & 07th Jan, 2012
- Presented a paper in Rural Market in India- An Unexplored Terrain” at Mahatma Gandhi University, Nalgonda, on 13th March, 2015 Title of the paper: Emerging trends in Rural Markets – Rural Markets are Volume market game rather than Value game’
- Presented in the National seminar organised by Bhavans Degree College on 13th September and presented papers on the topic ““Corporate Social Responsibility-Women Empowerment””.
- Presented a paper in Little Flower Degree College Uppal, 12th Nov, 2014 on Status of Social Sciences, Title of the Paper: “Evolution of CSR Practices in India – A Case Study of TATA Group
- Presented a paper in One day National Conference on “ Managing Business in Changing Economic Scenario” on the topic Ethical Advertising - “Advertising under the pressure of Ethics
- Paper presentations by the faculty on 09th – 10th September, 2015, in Two day ICSSR Sponsored National Seminar on “Entrepreneurship Development- a Drive for Sustainable Growth in Global Scenario” conducted by the Commerce Department on the topic “Family Business Entrepreneurs”
- Mrs. Maria Pavithra presented a paper on “FDI in Indian Retail Sector” in Reddy College on 7th March, 2014.
- Jan 10th to 11th: Mrs. Maria Pavithra attended and participated in two day International Conference on “Financial Markets – Issues and Challenges” and also presented a paper titled “CSR- Women Empowerment” held at Bharathidasan University, Trichinapalli, Tamilnadu.

## COMPUTER SCIENCE

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### Paper Presentations

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- ” BigData ”  
**Faculty:** Mrs. K.Kalabharathi  
**Venue:** National Seminar on "Statistical Computing and Data Science on 26-27 Feb, 2021 organised by St.pious X Degree & PG College for Women
- ” Contributing to Technical Education and Skill Enhancement”

**Faculty:** Ch.Mary Pushpa

**Venue:** 2nd International E - Conference on Environment Sustainability and Teaching Tools in Covid 19 Scenario

- ” Contributing to Technical Education and Skill Enhancement”

**Faculty:** Ch.Mary Pushpa

**Venue:** 2nd International E - Conference on Environment Sustainability and Teaching Tools in Covid 19 Scenario

- ” Data Science and its Applications in E-Commerce Industry ”

**Faculty:** Mrs.P.Soumya Sree, ,Mrs.K.V.M Udaya Lakshmi

**Venue:** National Seminar on "Statistical Computing and Data Science on 26-27 Feb, 2021 organised by St.pious X Degree & PG College for Women

- ” Educational Disruption during Covid-19 ”

**Faculty:** Mrs.P.Soumya Sree

**Venue:** International online Conference on Human Security and Pandemic on 23rd & 24th Nov, 2020, organised by Amity University, Mumbai.

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## **Publications**

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- BigData Transformation for Sustainability

**Faculty:**Mrs.K.Kala Bharathi, Navya sree of II BSc(MPCS)

**Journal:** Journal of information and Computational Science (UGC CARE) ISSN:1548-7741.

- Impact of covid 19 pandemic- challenges faced by the society

**Faculty:** Ch Mary Pushpa S Hepsibha Vijaya Rani

**Journal:** WHJJ Journal, Scopus indexed, Volume XVI, issue-6, ISSN No: 1001-1749.

- Effective Teaching Parameters with reference to English vocabulary

**Faculty:**P.Soumya Sree Laxmi

**Journal:** International Journal For Innovative Research In Multidisciplinary Field (IJIRMF) ISSN: 2455-0620 Pg-69-73.

- Role and Impact of ICT Innovations in Teaching–Learning

**Faculty:**P.Soumya Sree Laxmi

**Journal:** International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Volume 10, Issue 5, May 2021. e-ISSN: 2319-8753, p-ISSN: 2320-6710.

- Challenges & Opportunities for Teachers during Lockdown  
**Faculty:**Mrs. P. Soumya Sree and Mrs. K.Kala Bharathi  
**Journal:**Ideal International E-Publication Pvt.Ltd,Indore with Book Titled  
“Impact of Lockdown on Education, Economy & Environment in India” in  
July 2020, ISBN:978-93-89817-31-7
- Pandamic Effect on Indian, Economy, Environment and Education  
**Faculty:**Mrs.K.Kala Bharathi & K.V.M. Udaya Lakshmi  
**Journal:**E-book on Impact of Lockdown on Education, Economy &  
Environment in India, Ideal International E- Publication Pvt. Ltd.,  
Indore.EBook ISBN : 978-93-89817-31-7.
- “Learning Challenges - Teacher as a Facilitator”  
**Faculty:** Mrs.P. Soumya Sree Laxmi & Mrs. K. Sandhya Sree  
**Journal:**e-publication of proceedings of International Conference on  
Quality teacher Education vis-a-vis School education with ISBN: 978-93-  
87896-07-9 , Volume 2 ,Pg.No 69-72
- “A Comparitive Study on Innovations of Traditional versus Smart Teaching”  
**Faculty:** Mrs.CH. Mary Pushpa & Ms.S.Hepsibha  
**Journal:**e-publication of proceedings of International Conference on  
Quality teacher Education vis-a-vis School education with ISBN: 978-93-  
87896-07-9 , Volume 3 ,Pg.No 271-276
- “Issues of mental Health : Role of a Facilitator”  
**Faculty:** Mrs.P. Soumya Sree Laxmi & Mrs. K. Sandhya Sree  
**Journal:**e-publication of proceedings of IJCRT/Volume 6, Issue 2 April  
2018, Pg.No 2136-2137 with ISSN: 2320-2882
- “Growth of Mobile App & its Impact on Society”  
**Faculty:** Mrs.P. Soumya Sree Laxmi & Mrs. K. Sandhya Sree  
**Journal:**e-publication of proceedings of National seminar on impact of  
scientific advances society with ISBN: 978-93-84648-95-4 ,Pg.No 68-70
- “Impact of Cloud on present Society”  
**Faculty:** Mrs.K. Kala Bharathi & Mrs. Udaya Lakshmi  
**Journal:**e-publication of proceedings of National seminar on impact of  
scientific advances society with ISBN: 978-93-84648-95-4 ,Pg.No 24-26
- “Converging Technologies Cloud & Big Data”  
**Faculty:**Mrs.K. Kala Bharathi  
**Journal:**International Peer Reviwed Journal ISSN :2231-0711, Jan 2016  
Vol 6, Issue 1, 75-77
- Studying Main Differences Between Multilevel Queue (MLQ) and  
Multilevel Feedback Queue(MLFQ)



**Faculty:** Mrs. K. Kala Bharathi

**Journal:**International Journal of Computer Applications in Engineering Sciences (Vol III, ISSUE I, 2013)

- Computer Science and importance of Virtual Reality In Coaching Sports and Games

**Faculty:** Mrs. K. Sandhya Sree

**Journal:**International journal of health, physical education and computer science in Sports(Volume 15 No. 1, Quarterly July to sept 2014)

- An Overview on Big Data and Cloud Computing

**Faculty:** Mrs. K. Kala Bharathi

**Journal:**International Journal of Engineering and Computer Science (Volume 3 Issue 8, Aug 2014, Page No. 7519-7524)

- An Overview on Hybrid Cloud as an IT Service Broker

**Faculty:** Mrs. P. Soumya Sree Laxmi

**Journal:**International Journal of Engineering and Computer Science (Volume 3, Issue 9, September 2014, page no: 8228 to 8231)

- Recent developments on Data Warehose & Data Minning in Cloud Computing

**Faculty:** Mrs. K. Kala Bharathi and Mrs. K. Sandhya Sree

**Journal:**International journal of computer science Engineering and Technology (Vol 5, Issue 2, Feb 2015, Pages No: 31-34)

- Role of Mobile cloud Applications and Challenges in BYOD

**Faculty:** Mrs. P. Soumya Sree Laxmi, Mrs. K. Kala Bharathi and Mrs. CH. Mary Pushpa

**Journal:**International Journal of Computer Technology (vol 2, Issue 2, March 2015, Pg 20-22)

- Impact of Big Data Analytics on Business Intelligence-Scope of Predictive Analytics

**Faculty:** Mrs. P. Soumya Sree Laxmi

**Journal:**International Journal of Current Engineering and Technology (Vol .5, No.2, April 2015, Pages : 856-860)

## **Mathematics & Statistics**

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### **Staff Publications**

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- LEAD ROLE STATISTICS ANALYSING SPORTS ANALYSIS

**Faculty:** M.Pauline

**Journal:**International Journal of Health, Physical Education and Computer

Science in sports volume No. 15 ISSN 2231-3265 Volume-15 No.1, pp297-298 Journal impact Factor 0.624.

- APPLICATIONS OF MATHEMATICS IN REAL WORLD(Nature in Geometry)

**Faculty:** M.Pauline

**Journal:**National: ANTHARMUKHA ISSN NO:23482591

- APPLICATIONS OF MATHEMATICS IN REAL WORLD(Nature in Calculus)

**Faculty:** T.Jahnavi

**Journal:**National :ANTHARMUKHA ISSN NO:23482591

- Mathematics – sports Arena and Laying of play Fields

**Faculty:** K. Uma Maheshwari, K. Aruna, D. Prathyusha

**Journal:**International Journal of Health, Physical Education and Computer Science in sports volume No. 15, no.1. pp 303 – 304 Journal Impact Factor 0.624

- Application of Differential Equations in Real Life

**Faculty:** K. Uma Maheshwari

**Journal:**ANTHARMUKHA ISSN NO:23482591

- Application of Differential Equations in chemistry

**Faculty:** K. Aruna

**Journal:**ANTHARMUKHA ISSN NO:23482591

- Application of Differential Equations in Physics

**Faculty:** D.Prathyusha

**Journal:**ANTHARMUKHA ISSN NO:23482591

[Top](#)

## Physics

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### Paper Presentations

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- ” Effect of Calcination Temperature on Photoluminescence Intensity of Sol Gel prepared Sr<sub>2</sub>CeO<sub>4</sub>:Eu<sup>+3</sup> Nano Phosphor”

**Faculty:** Mrs.Paleena Thulimilli

**Venue:** One-day National E-Conference on”Emerging Trends in Physical Sciences” (NCETPS-2020) organized by Dept.of Physics, Arts, Science and Commerce College Rananandanagar, Kolhapur on 22 July 2020

- ” Study of Photoluminescence Emission Spectra of Rare Earth doped Sr<sub>2</sub>CeO<sub>4</sub> nano Phosphor for Display Applications”  
**Faculty:** Mrs.Paleena Thulimilli  
**Venue:** National E-Conference on Recent Advances in materials Science and Nanotechnology (NCRAMSN-2020) organized by Dept.of Physics, Yeshwantrao Chavan College of Arts, Commerce & Science, Aurangabad Maharashtra during 1 -2nd August 2020
- ” A deep Reinforcement Learning Approach to Dynamic Virtual Machine allocation”  
**Faculty:** Dr.P.Sangeetha Lakshmi  
**Venue:** National Seminar on "Statistical Computing and Data Science on 26-27 Feb, 2021 organised by St.pious X Degree & PG College for Women
- ” Insight into Data analysis in Astrophysics”  
**Faculty:** Dr. R. Komala  
**Venue:** National Seminar on "Statistical Computing and Data Science on 26-27 Feb, 2021 organised by St.pious X Degree & PG College for Women

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## List of Publications of the Department

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### Publications by Dr. R. Komala

- Impact of Pandemic on Educational System  
**Faculty:** Dr. R. Komala  
**Journal:** Ideal International E-Publication Pvt.Ltd, Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7
- ICT IN Higher Education: Its Implementation and Challenges  
**Faculty:** Dr. R. Komala, Dr. P. Sangeetha Lakshmi, K. Sandhya Sree, K. Udaya Lakshmi  
**Journal:** IOSR Journal of Research & Method in Education (IOSR-JRME) e-ISSN: 2320-7388, p-ISSN: 2320-737x Volume 10, Issue 4 Ser. III (Jul. – Aug. 2020), PP 55-57.
- The need of professionalization of teachers as Academic leaders  
**Faculty:** Dr. R. Komala

**Journal:** International conference Quality Teacher Education vis-à-vis school education conducted by Osmania University. With Journal: Conference Proceedings ISBN: 978-93-87896-07-09

2018-19: 'The need of professionalization of teachers as Academic leaders' in two day International conference Quality Teacher Education vis-à-vis school education conducted by Osmania University. Journal: Conference Proceedings with ISBN: 978-93-87896-07-09

2017-18: Technology blended teaching and learning. Journal: Online/IJRCS/2018/110-111 International ISSN: 2456-6683

2017-18: Embedded systems in day-to-day life. IJRAR/ 2018/ Journal: International/e ISSN 2348 –1269, Print ISSN 2349-5138/ Pg: no.67-70

2017-18: Role of women in Family, Society and Workplace. Journal: AMEYA/2018/National/ISBN:978-93-5273-955-4

2017-18: Need for Skill Development Programs in the Curriculum .Journal: New Man International Journal of Multidisciplinary Studies

Asymmetrically Apodized Optical Systems with Phase and Amplitude Filters: The Two Dimensional Case with Circular Aperture AIP. Conf.Proceedings, 1391

Point Spread Function of Asymmetrically Apodized Optical Systems with Complex Pupil Filters: The One-Dimensional Case with Slit Aperture ACTA PHYSICA POLONICA A, Vol. 122 (2012)

- A Few Psf-Based Corollaries Of Optical Systems Apodised Asymmetrically With Two-Dimensional Complex Pupil Filters Armenian Journal of Physics, 2011, vol. 4, issue 4, pp. 200-205
- Improving Axial Resolution of Asymmetrically Apodised Optical Systems with two dimensional complex pupil filters, Journal of Optics, 2012
- Point spread function of asymmetrically apodized slit aperture, Conference proceedings on “impact of scientific advances on society”/ISAS-2015/18-19sept2015/71-72, 978-93-84648-95-4
- Information and communication technology in communication, Selected for oral presentation in International Seminar

### **Publications by Dr. P. Sangeetha Lakshmi**

- Dominos effect on COVID-19

**Faculty:** Dr. P. Sangeetha Lakshmi

**Journal:** Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7.

- ICT IN Higher Education: Its Implementation and Challenges  
**Faculty:**Dr. R. Komala, Dr. P. Sangeetha Lakshmi, K. Sandhya Sree, K. Udaya Lakshmi

**Journal:** IOSR Journal of Research & Method in Education (IOSR-JRME) e-ISSN: 2320–7388, p- ISSN: 2320-737x Volume 10, Issue 4 Ser. III (Jul. – Aug. 2020), PP 55-57.

- 2018-19: The need of professionalization of teachers as Academic leaders in two day International conference Quality Teacher Education vis-à-vis school education conducted by Osmania University. Journal: Conference Proceedings with ISBN: 978-93-87896-07-09 with page No.162-164
- Coherent edge response with amplitude apodization filters
- Studies on incoherent square wave response of human eye in the presence of Stiles-Crawford effect of the first kind
- PSF of annular apertures apodised with Fejer amplitude filters
- Evaluation of Strehl for graded index fiber optical systems
- Point spread function of asymmetrically apodized slit aperture, Conference proceedings on “impact of scientific advances on society”/ISAS-2015/18-19sept2015/71-72, 978-93-84648-95-4

### **Publications by Dr. M. Sangeetha**

- Metal-Insulator transitions in Gd substituted  $\text{Bi}_{1.7}\text{Pb}_{0.3}\text{Sr}_2\text{Ca}_{1-x}\text{Gd}_x\text{Cu}_2\text{O}_{8+d}$  solid solutions., Material Science & Engg.B., 1998
- Effect of Yttrium substitution on electrical and magnetic properties of  $\text{La}_{0.7-x}\text{Y}_x\text{Ba}_{0.3}\text{MnO}_3$  compounds, Journal of Magnetism and Magnetic Materials, 2015.
- Photo luminescence studies of Sol Gel prepared  $\text{Sr}_2\text{CeO}_4$ : Eu, Conference proceedings on “Third national conference on applied physics and material science”/7-8 Aug, 2015/156-159, 978-93-82570-64-6.

- Synthesis and comparative studies of Sr<sub>2</sub>CeO<sub>4</sub>: Eu, Conference proceedings on “impact of scientific advances on society”/ISAS-2015/18-19sept2015/45-48, 978-93-84648-95-4

### **Publications by Ms.Paleena Thulimilli**

- Effect of Calcination Temperature on photoluminescence Intensity of Sol-Gel Prepared Sr<sub>2</sub>CeO<sub>4</sub>: Eu<sup>3+</sup> Nano Phosphor

**Faculty:**Mrs.Paleena Thulimilli

**Journal:**International journal of ES Materials and Manufacturing.

- Positive Impact of Lockdown on Environment in India  
**Faculty:**Mrs.Paleena Thulimilli

**Journal:** Ideal International E-Publication Pvt.Ltd,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7

- 2018-19: Synthesis, Characterization and Photoluminescence studies of Sr<sub>2</sub>CeO<sub>4</sub>: Eu Nano Phosphors in One Day National Seminar on Innovations and Developments in Macro, Micro and Nano Materials Organized by Indira Priyadarsini Govt. Degree College for Women, Nampally, Hyderabad.Journal: conference proceedings published by Paramount Publishing House with ISBN no.978-81-939248-3-9, page.No.189-195
- “Photo luminescence studies of Sol Gel prepared Sr<sub>2</sub>CeO<sub>4</sub>: Eu”, Conference proceedings on “Third national conference on applied physics and material science”/7-8 Aug, 2015/ISBN: 156-159, 978-93-82570-64-6.
- “Synthesis and comparative studies of Sr<sub>2</sub>CeO<sub>4</sub>: Eu”, Conference proceedings on “impact of scientific advances on society”/ISAS-2015/18-19sept2015/45-48/ISBN:978-93-84648-95-4
- “Various Techniques for the synthesis of pure Sr<sub>2</sub>CeO<sub>4</sub> Phosphor”, proceedings of the national conference on Materials For Scientific Applications/ MFSA-2016/29-30March2016/143-147/ ISBN:978-81-929088-4-7

### **Publications by Ms. K.Vani**

- 2018-19: Electrical and magnetic properties of Cr Substituted Li Nano Ferrites and Published with ISBN no.978-81-939248-3-9, page.No.71-78.in conference proceedings published by Paramount Publishing House in One Day National Seminar on Innovations and Developments in Macro, Micro

and Nano Materials Organized by Indira Priyadarsini Govt. Degree College for Women, Nampally, Hyderabad.

- 2017-18: Embedded systems in day-to-day life. Journal: IJRAR/ 2018/ International/e ISSN 2348 –1269, Print ISSN 2349-5138/ Pg: no.67-70

### **Publications by Mrs. N. Rajeshwari**

- Optical/physical/electrical properties of Er<sup>3+</sup>: B<sub>2</sub>O<sub>3</sub>-BaO- RF glasses

### **Faculty Paper Presentations**

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- 2018-19: DR. R.Komala presented a paper on ‘The need of professionalization of teachers as Academic leaders’ in two day International conference Quality Teacher Education vis-à-vis school education conducted by Osmania University
- 2018-19: Dr.P.Sangeetha Lakshmi presented a paper on ‘The need of professionalization of teachers as Academic leaders’ in two day International conference Quality Teacher Education vis-à-vis school education conducted by Osmania University
- 2018-19: Ms. Paleena Thulimilli presented a paper on ‘Synthesis, Characterization and Photoluminescence studies of Sr<sub>2</sub>CeO<sub>4</sub>: Eu Nano Phosphors’ in One Day National Seminar on Innovations and Developments in Macro, Micro and Nano Materials Organized by Indira Priyadarsini Govt. Degree College for Women, Nampally, Hyderabad.
- 2018-19: Ms. K.Vani presented a paper on Electrical and magnetic properties of Cr Substituted Li Nano Ferrites in One Day National Seminar on Innovations and Developments in Macro, Micro and Nano Materials Organized by Indira Priyadarsini Govt. Degree College for Women, Nampally, Hyderabad.

[Top](#)**Hindi/Telugu/Sanskrit**

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### **Faculty Paper Presentations**

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- “PARINAMA KRAMAM LO STREE”  
**Faculty:**Mrs. M. Sandhya Rani ,Dept. of Telugu  
**Venue:**St.Joseph’s Degree &PG College, Kingkoti,Hyderabad on 19 TH January,2019

## **Publications (Translations)**

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- Aatamnirbhar bharat ke vividh aayam  
**Faculty:**Manjusha Nitturkar  
**Journal:** Aatmanirbhar bharat hetu samajik punaarachana mein sahitya ki bhoomika. ISBN978-93-82331-88-9.
- English Vs Sanskrit  
**Faculty:**I.Vani Gayathri  
**Journal:**International Journal Innovative Research in Multidisciplinary Field  
ISBN: 2455-0620
- Importance of Sanskrit Language in Today's World by Vani Gayathri, department of Sanskrit was presented at St.Joseph's Degree &PG College ,Page No. 188-197 ,DOI: 16.10089.IJR2018.V7I11.285311.003468
- Parinama Kramamlo Sthree by M.Sandia Rani, department of Telugu was presented at St.Joseph's Degree &PG College Page No. 188-197 DOI: 16.10089.IJR2018.V7I11.285311.003472
- Hindi aur Telugu Sahithya mein Samakaleen Vimarsh – Thulanathmak Drushti on 19th & 20th December 2018 at Andhra University organized by A.U . Hindi Department in collaboration with LokNayak Foundation Vishakha Patnam
- Translated and published classic stories from Hindi to Telugu for VIPULA, a Telugu Monthly Magazine, dedicated only for translations.
- Translated and published Tirumala Tirupathi Devasthanam's Book entitled-TIRUMALA PARISARA KSHETRALU from Telugu to Hindi.
- Translating a drama entitled – SARDAR PATEL (by Navsarjan publications, Ahmedabad-ISBN 978-81-89720-52-0 ) from Hindi to Telugu for an organization RASARANJANI for its stage shows.
- An Article titled 'Bhavatmak Ekta Aur Hindi' was published in Sankalya (ISSN 2277-9464- July 2012) in Hindi Academy Patrika, Hyderabad.
- Translated Hon'ble Prime Minister Shri. Narendra Modi's message ?? ?? ??? ("MANN KI BAAT") for Doordarshan YADAGIRI (Hyd) in Hindi to Telugu .
- COMMENTARY ON DOORDARSHAN: Attended Doordarshan Yadagiri channel telecast for national level broadcasting as Hindi commentator for describing proceedings of "Bhagavan Sri Balaji Kaarteeka Brahmostavam" on 1.10.2014.
- JURY MEMBER: One of the members of award committee for selecting the prestigious KAMALA GOENKA AWARD for the best translation from Hindi to Telugu and vice versa.
- Had the honor of presiding the session as one of the two judges to judge the papers Presented in this session for awarding a prize for the best paper at



Bhavans Vivekananda Degree & P.G college two – day National seminar on “Balasouri Reddy : Samagra Chintan” as a tribute to the a eminent writer and translator in the field of Hindi literature, especially child literature.

- Book Review: Presented a book review of GULDASTA; translated by Smt. Santa Sundari in a book releasing function held on 25th of July, 2012.

### **Staff Inhouse Projects**

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- Dr. R.Rajya Laxmi was invited to deliver a guest lecture on 31.10.2015 by BHAVANS VIVEKANANDA Degree & P.G College on the topic “BHAKTI SAHITYA AUR KABIR” for second year Hindi students
- Invited to deliver a guest lecture series on 25th and 26th of July 2014 by Kasturba Gandhi Degree & PG College for Women on the topic- SANT AVEM KRISHNA BHAKTI SAHITYA for Second Year Degree students.
- Invited to deliver a guest lecture series for B.Ed Teachers on 13th and 14th of August 2014 at Kendriya Hindi Samsthan, on topic BHAKTI SAHITYA AVEM REETI KALEEN SAHITYA.
- Was invited for ‘Hindi Aur Anya Bharateey Bhashavom ke Sahitya Mein Asmitha Mulak Chintan’, on 21st Jan 2013 to 22nd Jan 2013 conducted by EFLU, Hyderabad.
- On January 15th 2016 - Seminar on Importance of Makara Sankranthi St. Josephs Seminary at Ramanthapur invited Smt. S. Lalitha Devi, Head Lecturer in Sanskrit to deliver a lecture on importance of Makara Sankranthi with reference to suns change of orbit from Uttarayana to Dakshinayana.
- Inter Disciplinary Activity: Mrs. Lalitha devi attended an International Workshop on March 8th, 2016. Urthcast Deimos Workshop was conducted by Dr. RS Rao, Mr. Sven, and Ms. Rachelle giving insight about space imaging and technology used for satellite imaging.
- Dr. R. Rajyalakshmi presented a book review on “MADHU KI BUNDEIN” written by Dr. Ratanlal Darak in the book release function held on 3rd August-2010
- She compiled and edited a book titled VAISHVIKARAN AUR ANUVAD (globalization and translation) in Hindi for St. Pious X degree college.

### **Students Inhouse Projects**

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- Ayurved Aur Homeopathy( translation from English to Hindi)  
**Students:**Rini Abraham,Sumayya Shereen from II BT.B.C
- Hindi Upanyas Ke VikasKram

**Students:**Harsha Matai, K.Bhavana, Moni Kumari, from II B.Com(cs)

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## Political Sciences

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### Faculty Paper Presentations

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- ” Impact of Globalization on Migrants from Rural to Urban India Conditions of Marginalised Communities in Globalised Era: Challenges and Prospects”  
**Faculty:** Mrs. Aarthi Deepak  
**Venue:** Sanskruti Institute of Dravidian Culture and Research Habsiguda, Hyderabad. 31 st , Jan, & 1 st Feb-2020
- ” Political philosophy & Socioeconomic Development in India ”  
**Faculty:** Mrs. Aarthi Deepak  
**Venue:** Corporate Sickness: Socioeconomics, Political & Legal issues, Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021.
- ” Social impact of technology driven education ”  
**Faculty:** Mrs. Aarthi Deepak  
**Venue:** Online Education – Opportunities & Challenges organised by Dakshatha Foundation, Nizamabad. On 24th January-2021
- ”Revival of sick industries through public policy ”  
**Faculty:** Ms. Sravanthi Aakarapu  
**Venue:** Corporate Sickness: Socioeconomics, Political & Legal issues, Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021
- ” IBC -" A Dynamic Economic Legislation\_its impact on socio economic and cultural factors ”  
**Faculty:** Mrs. Malathi Devi  
**Venue:**Corporate Sickness: Socioeconomics, Political & Legal issues, Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021.
- ” IBC - A Psychological Approach ”  
**Faculty:** V. Beulah Vennela  
**Venue:** Corporate Sickness: Socioeconomics, Political & Legal issues

Challenges and Implications on Interdisciplinary approach organised by St Pious X Degree & PG College For Women, Hyderabad 22nd& 23rd January 2021

- “The role of Higher Education Institutions in promoting Quality Education.”

**Faculty:**Mrs.K.Malathi HoD

**Venue:**National Seminar on Higher Education in India:Emerging Challenges, 30/1/2019, Hyderabad

- “Suicides, Farmer Suicides , Women and the Agrarian crisis in India.”

**Faculty:**Mrs.K.Malathi HoD

**Venue:**6th Sanskriti Annual Conference, Hyderabad

- “Teaching Learning Strategies and Pedagogical Issues”

**Faculty:**Mrs.Aarthi

**Venue:**National Seminar on Higher Education in India: Emerging Challenges, 31/1/2019

- “Ethnographic studies on Agrarian Crisis in India”

**Faculty:**Mrs.A.Sujana

**Venue:**19th Annual IASSI Conference , on Development and Change, organized by NIRD and CESS, January 11-13th ,2019.

### **Students Inhouse Projects 2011 - 2012**

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- Armed forces special powers act  
**Students:**Kherda Takhel maum
- Journalism and threats to journalists  
**Students:**Sneha jois
- Tribalism in India  
**Students:**G. Chris Lenina Peters
- Human rights  
**Students:**Tahiya Kamal

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### **English**

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### **Faculty Paper Presentations**

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- “The Prominence of a Third Space and Hybridity in Indian English Literature”  
**Faculty:**Monoshri Mitra, HOD  
**Venue:**National Conference on The role of Language and Literature in the

Reformation of Contemporary Society , St. Joseph's Degree and PG College on 19th January 2019

- “Literature – Reflection of Life”

**Faculty:**Ms Huma Khan and Sr. B. Velangini Kumari

**Venue:**International Conference on Commonwealth Literature -Indian Society of Commonwealth Studies In collaboration with Osmania University Centre for International Programmes (OUCIP) on 1-3 February 2019-03-1

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### **Faculty Paper Publications**

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- Dealing With Uncertainties During Lockdown And Pandemic

**Faculty:** Sr. B. Velangini Kumari and V. Beulah Vennela

**Journal:**IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 7 Issue 11, November 2020 ISSN: 2348 – 7968

- A Teacher Study on the use of students' First Language in the English Language Classroom

**Faculty:**Mrs. Monoshri, Mrs. Athalia

**Journal:** International Journal for Innovative Research in Multidisciplinary Field ISSN : 2455 – 0620.

- IELTS - An alarm to awaken

**Faculty:**Mrs. Monoshri, Ms. Preetha 1st Bsc

**Journal:** International Journal for Innovative Research in Multidisciplinary Field ISSN : 2455 - 0620

- Language, Literary Skills and Knowledge Necessary for Professional English

**Faculty:**Mrs. Monoshri, Mrs. Mary Cecelia, Sr. B. Velangini Kumari

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- **On-line assignments:** The faculty promotes the use of Information and Communication Technology encouraging the students to move towards excellence by preparing on-line assignments and sending them to the departmental ID: stpiousengdept@yahoo.com.
- ii. The faculty also inspires the students to take up book reviews, charts, albums, projects, assignments, scrap books and on- line assignments to demonstrate their artistic ideas and imaginative way of thinking. The objective of such innovative methods of teaching-learning is to provide a

good exposure and a pleasant venture into the arty world apart from regular class room lessons.

## [Top](#)**Business Management**

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### **Faculty Paper Presentations**

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#### **2012-13**

- **"A Study on service quality in Education-Perception of students"**  
**Faculty:** Mrs. P Harshanya, MBA  
**Venue:** National Conference, Gitam School of Business, Gitam University, Visakhapatnam .2012-13
- **"A study on TQM and its Impact on Business"**  
**Faculty:** Mrs.Anika.S, MBA  
**Venue:** National Conference, Gitam School of Business, Gitam University, Visakhapatnam .2012-13
- **"A study on TQM and its Impact on Business"**  
**Faculty:** Mrs .K .SwarnaLatha , MBA  
**Venue:** National Conference, Gitam School of Business, Gitam University, Visakhapatnam
- **"A study on TQM and its Impact on Business"**  
**Faculty:** Mrs. T.Sabeena Martina Paul, MBA  
**Venue:** National Conference, Gitam School of Business, Gitam University, Visakhapatnam
- **"Andhra Pradesh Economic Assosiation , XXXI Annual Conference"**  
**Faculty:** Prof .V. Brahmanandam  
**Venue:** National Conference, Dept. of Economics, Nizam College, HYD
- **FDI in Insurance sector of Indian economy with reference to life insurance**  
**Faculty:** Mrs.C.Latha  
**Venue:** Management of Maualna Azad National Urdu University, Hyderabad on the topic "Foreign Direct Investment – Opportunities and Challenges". **May 24, 2012**

#### **2013-14**

- **"FDI-in India &its instruments"**  
**Faculty:** K. Swarna Latha

**Venue:** National Conference, RBVRR Institute of Technology

- ” **Accounting Standards & Trade Policy in India**”

**Faculty:** K. Swarna Latha

**Venue:** International Conference , CSIR conducted by Department of Commerce, OU

## **2016-17**

- “**Language Skill Development**”

**Faculty:** K.Swarna Latha

**Venue:** National Conference, Task Office, Ashoka Raghupathi Chambers, Begumpet, Secunderabad

## **Staff Publications**

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### **2020-21**

- “ **The Dynamics of Enterprenership in India .** ”

**Faculty:** Mrs.C.Latha

**Journal:** International Conference on Entrepreneurship and Social Empowerment: Jointly Organized by GITAM HBS and EGADE Business School, Mexico) EBook ISBN 978-81-947313-8-2.

- “ **Dial Krikpatrick For Training Evaluation: A Feasible Model VSRD** ”

**Faculty:**Prof. Pardhasaradhi

**Journal:** International Journal Of Technical & Non- Technical Research Volume XI Issue (Special Issue) August 2020, e-ISSN 0976-796 7-P-2319-2216.

- “ **Comparative study of selected travel and tourism stocks listed in BSE** ”

**Faculty:** K.Swarnalatha

**Journal:** The Indian Management Researcher (A Bi-annual Journal from GITAM Hyderabad Business School Volume 6 | Issue 2 | July-December 2020, with ISSN No 2349-2090.

- “ **IBC - A Path breathing Economic Legislation: A Diagnositic Study** ”

**Faculty:** Prof. Pardhasaradhi, Mrs. C. Latha, Mrs. P.Harshanya, Mrs.P. Anitha

**Journal:**International Journal of Engineering Development and Research  
IJEDR ISSN 2321-9939.

- **“ Government Policy and Legal Framework on Corporate Sickness ”**

**Faculty:** . S.Pardhasaradhi, Mrs. P. Anitha, Mrs. Sri vidhya

**Journal:**International Journal of Engineering Development and Research  
IJEDR, ISSN 2321-9939.

- **“ Corporate Sickness: Critical Analysis of SICA Vs IBC: A study ”**

**Faculty:**Prof. Pardhasaradhi

**Journal:** Institute of Public Enterprise, ISSN 2249-9040

- **“A Study on Student perspective on online classes-A new teaching pedagogy to combat covid-19 Lock down**

**Faculty:**Mrs. P. Anitha

**Journal:** Ideal International E-Publication Pvt.Ltd,Indore with Book Titled  
“Impact of Lockdown on Education, Economy & Environment in India” on  
July 2020, ISBN 978-93-89817-31-7

## **2019-20**

**1.“International conference on paradigms shift in taxation,accounting,finance and insurance.”**

**Faculty:** R. Sushama

**Journal:** IOSR Journals,e-ISSN:2278-487Xp-ISSN:2319-7668

**2.“A Study on WorkLifeBalance with special reference to Employee Development.”**

**Faculty:** V.Sirisha

**Journal:** Book,ISBN:9789383038737

**3.“Impact of organizational and managerial uncertainties on worklifebalance.”**

**Faculty:** V.Sirisha

**Journal:** UGC Indexed Journal.International Journal of Advance & Innovative Research,ISSN:(2394-7780) & Impact Factor:7.36(UGC Journal No.63571)

**4.“A study of personality traits and its influence on work life balance.”**

**Faculty:** P. Suhasini

**Journal:** Journal of Emerging Technologies and Innovative Research ,ISSN 2349-5162) volume 6, Issue 2

**5.“ Sectorial participation in different Bull runs of Indian stock markets .”**

**Faculty:** R. Sushama

**Journal:** Journal of Emerging Technologies and Innovative Research, ISSN 2349-5162) volume 6, Issue

**6.“Behavioral Finance-A Study on Investors Behavior that Affects Risk and Return in Stock Markets.”**

**Faculty:** R. Sushama

**Journal:** AJANTA- An International Multidisciplinary Half Yearly Research Journal, ISSN :2277-5730; Impact Factor-5.5

**2017-18**

**1. “Are Indian Stock Markets driven by fundamentals?”**

**Faculty:** R. Sushama

**Journal:** International Organisation of Scientific Research Journals, ISSN 2319-7668

**2015-16**

**1.“Growth of Banking in Telangana”**

**Faculty:** Prof. V. Brahmanandam

**Journal:** The Indian Economic Journal – Special issue Dec 2015, Non Peer Reviewed, National

**2014-15**

**1.”Balanced Regional Growth – An analysis”**

**Faculty:** Prof. V. Brahmanandam

**Journal:** Southern Economist, vol:53, no:13, ISSN NO0038-4046, Non Peer Reviewed, National



## **2. “Recent trends in growth and money supply in India”**

**Faculty:** Prof. V. Brahmanandam

**Journal:** Southern Economist vol:53, no:9, ISBN/ISSN NO0038-4046, Non Peer Reviewed, National

**2013-14**

## **1.“Buoyancy of central taxes: an Analysis economic and financial data”**

**Faculty:** Prof. V. Brahmanandam

**Journal:** Southern Economist vol:52, no:3, pg:5-6, ISBN/ISSN NO 0038-4046, Non Peer Reviewed, National

## **2.“Employment of Women- An Analysis E governance and online public service changing scenario of small enterprises in India Role of lamps in Tribal development economic and financial data”**

**Faculty:** Prof. V. Brahmanandam

**Journal:** Southern Economist vol:51, no:22, ISBN/ISSN NO 0038-4046, Non Peer Reviewed National