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Santoshnagar Colony, Mehidipatnam
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PREFACE

Medicinal plants have played a significant role in many ancient traditional systems of medication in the world. In recent years, the plants still play an important role both in developed and developing countries in the world with their valuable medications with minimal side effects than synthetic drugs.

The World Health Organization (WHO) estimates that 4 billion people of the world population presently use herbal medicine for primary health care. Herbal medicine is a major component in all indigenous people's traditional medicine and a common element in Indian medicine.

Some modern technologies which can be used for improvement of medicinal plants are as biotechnology for plant cultivation, metabolic engineering, Bio fortification, Nutraceutical, Molecular farming, Gene slicing etc.,

This book entitled "Field Guide of Medicinal plants" is a compilation of information of Botanical name, Common name, morphological part of the plant used and their medicinal values. It is an attempt to help readers to find theoretical information leading to exploration of practical ideas with significant applications to lead a healthy life. Colorful photographs of the plants facilitate easy identification by the readers.

The book presents aninformation that would be useful for students, researchers and general public who are interested in the use of herbal medicines on a regular basis and to create awareness & promote herbal medicine. It is our great pleasure to acknowledge the support and encouragement rendered by the Principal, Dr. (Sr.) P. Amrutha, St.Ann's College for Women, Hyd.

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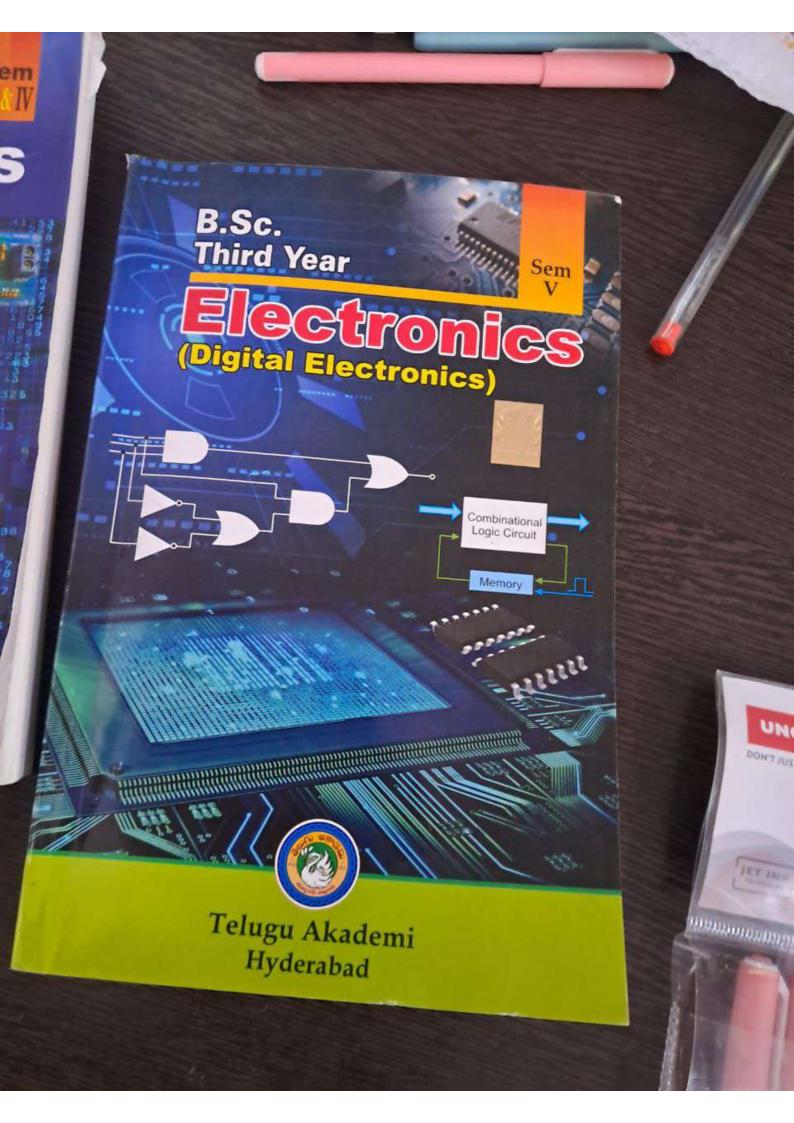
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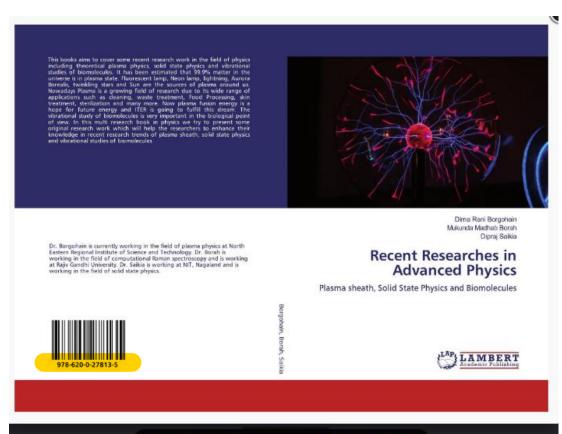


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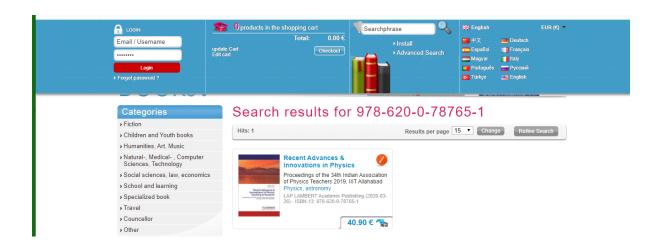


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PRACTICAL MANUAL OF ZOOLOGY



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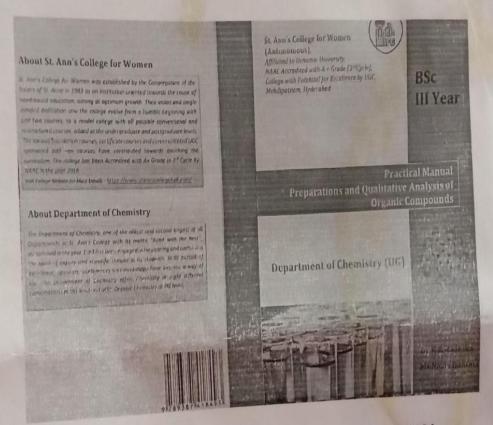
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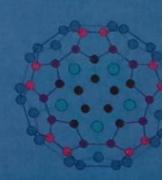


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Department of Chemistry (UG)





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Recent Progress in Microbiology and Biotechnology Vol. 4 Effect of Sumac on DNA: An Advanced Study



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Safety Issues in Beverage Production

Volume 18: the Science of Beverages

2020, Pages 399-427



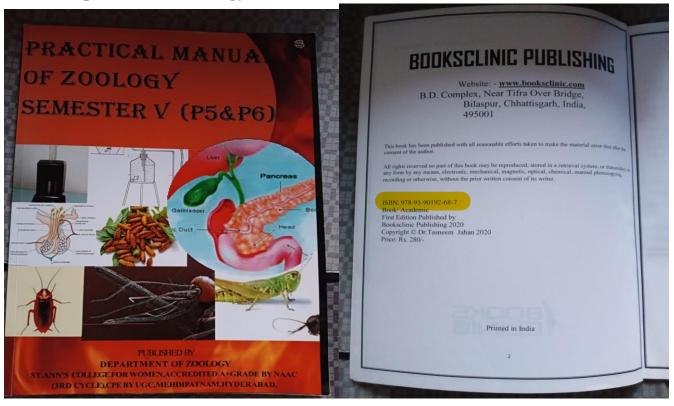
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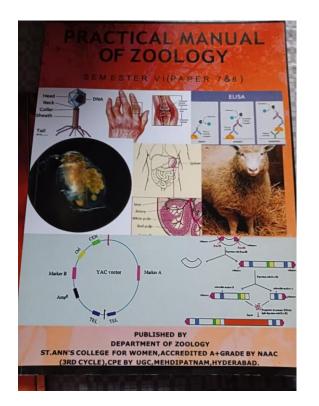
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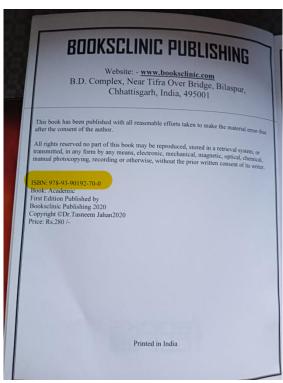




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Digital Electronics

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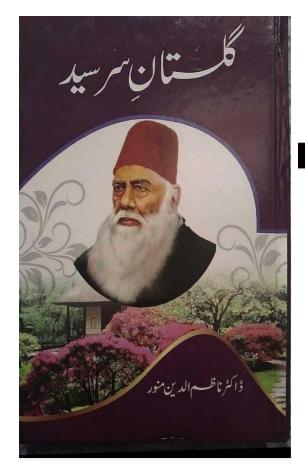
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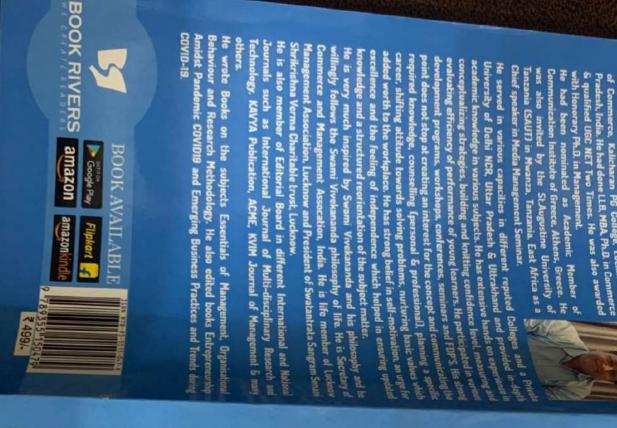
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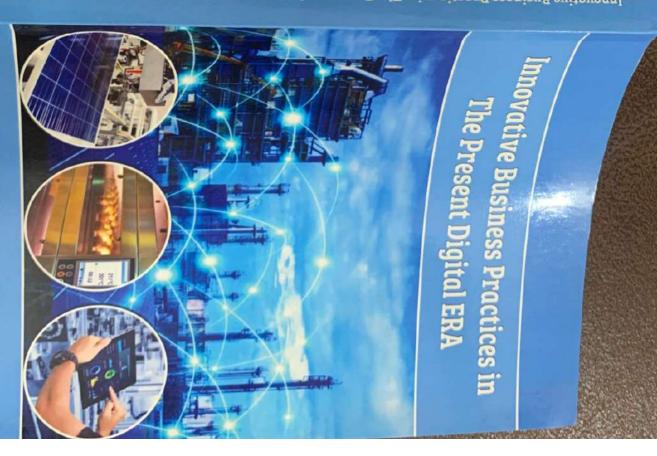
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Dr.Amit Verma



Dr. Amit Verma is Assistant Professor in the department of Commerce, Kalicharan PG College, Lucknow, Uttar

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EMERGING TRENDS IN DIGITALIZATION OF ELECTROCHEMICAL POINT-OF-CARE TESTING

*pr. Mansi Gandhi, Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology, Tamil Nadu, India

*Dr. Khairunnisa Amreen, Department of Chemistry, St Anns' College for Women, Mehdipatnam, Hyderabad, Telangana, India

ABSTRACT

Innovation is the essence of human transformation in response to switching of surrounding for the requisites of development, profit, conserving resources and satisfaction. The arena of digital innovation has a broad spectrum with enriched content in domains of science and technology. It is just not serendipity, but a management process wherein discovery, designing and delivery are the important phases to surpass. Hence, the commercial astute outcome is based on a defined system with quite low success rate. In a response to this, major companies are trying to sync with the upgraded version of transformative technology. The domain of science has led to various such digital systems to make the life of a common man easier. This chapter focuses on the digital innovative essence for medical and healthcare-based prototypes that are build using electrochemical foundation. Electrochemistry is a cutting-edge research field wherein the chemical and biological reactions are

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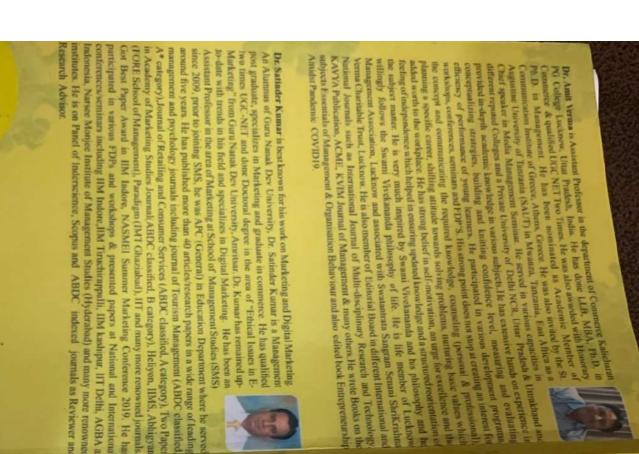
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EMERGING BUSINESS TRENDS AMIDST COVID SURGE

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**Khairunnisa Amreen, Department of Chemistry, St Anns' College for Women, Mehdipatnam, Hyderabad-500028, Telangana, India

ABSTRACT

The novel coronavirus COVID-19 is a highly contagious infection that has created the outbreak initially in December 2019 and is still unmanageable in May 2021, taking away lives of millions of people all over the globe. It has now impacted our personal and professional lives on a same page. Lockdown, social distancing and recession has hit the people badly. Many people and companies are trying to sail via unrevealing business convolution concerned to mankind, supply chains, monetary wellbeing, customer engagement and crisis management. The world is constantly undergoing one of the most significant historical changes ever experienced in last 100 years. Old husing years. Old business models change while new emerge. We are already experience already experiencing a shift in the services, clients which are adopting as a reco adopting as a response to pandemic. Essential needs in relation to healthcare, enough to healthcare. to healthcare, energy and natural products including water and ancillary services and natural products including water and halthough the ancillary services continue to be in a high demand Although the business model

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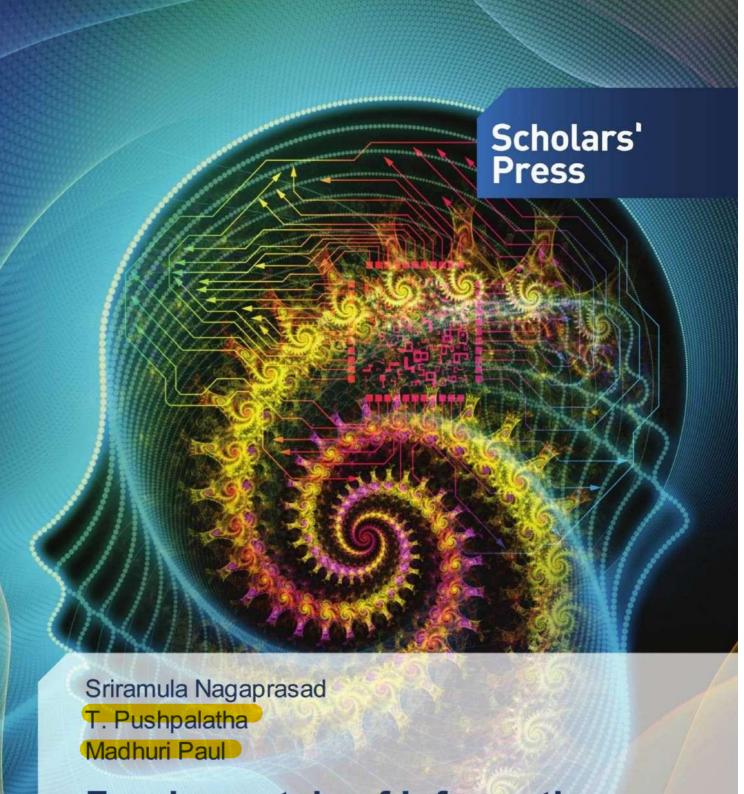
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Fundamentals of Information Technology

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WOMEN ISSUES AND CHALLENGES IN CONTEMPORARY INDIA

Dr. Vinod Kumar Cherukuri Dr. Punya Shailaja



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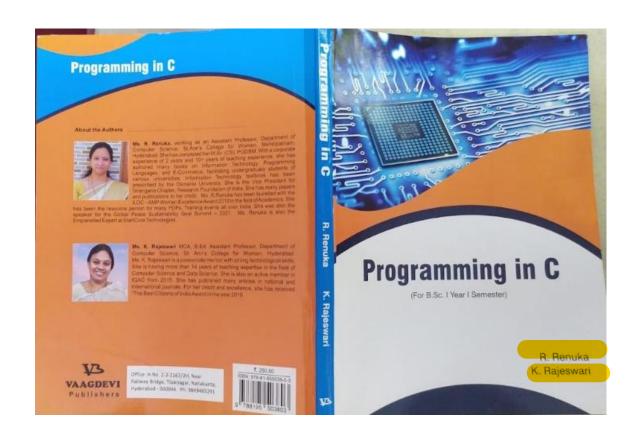
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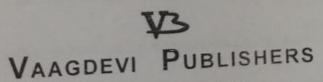
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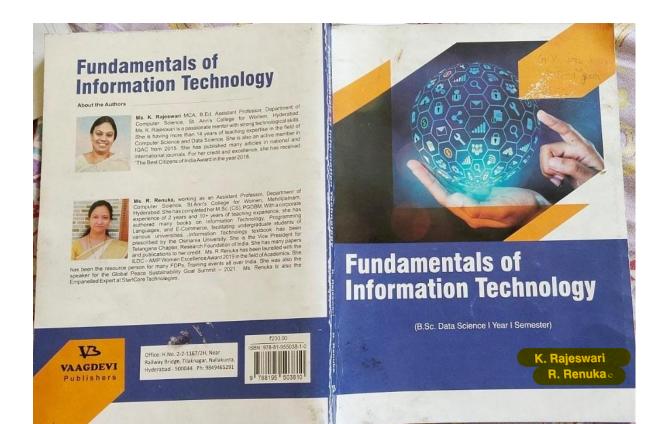
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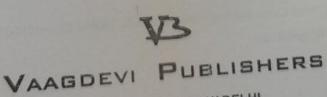
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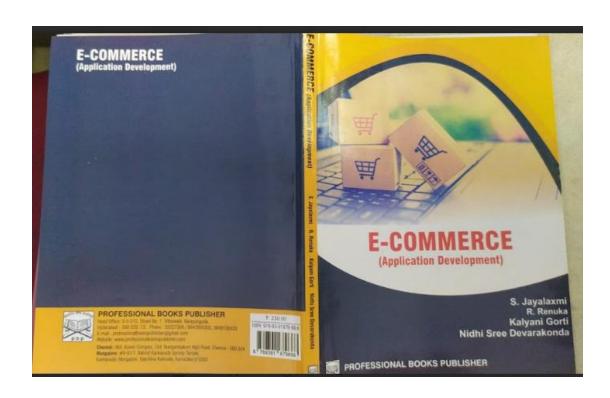
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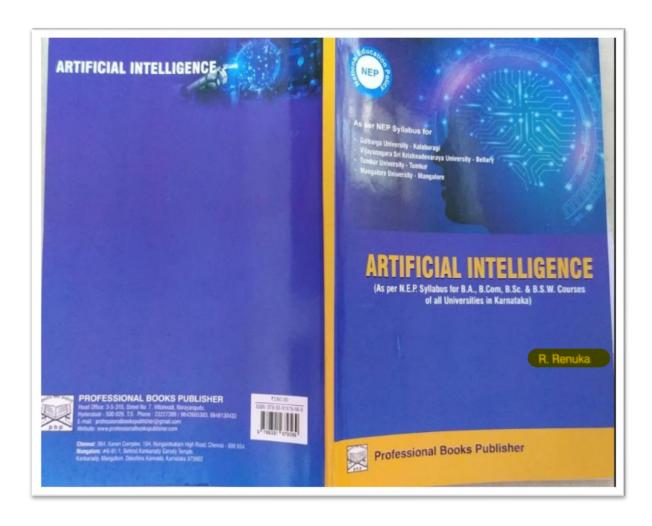


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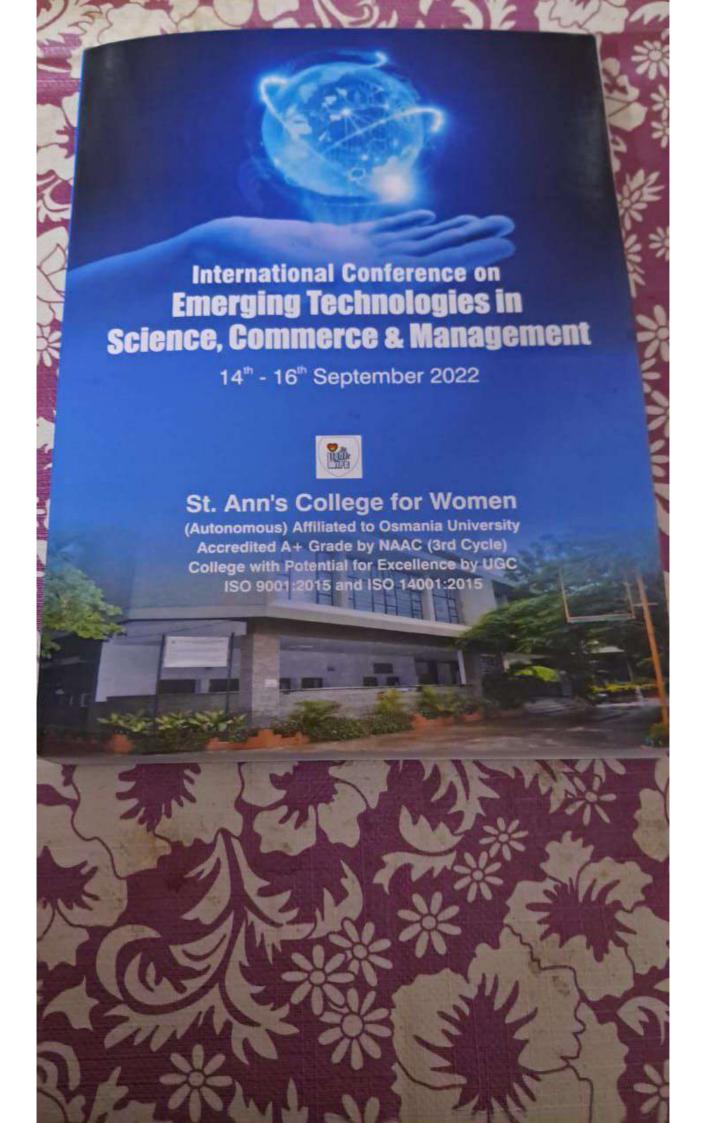


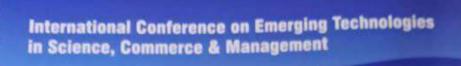
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At present, the college has the strength of over 3200 students and well-qualified staff members belonging to 32 different departments. The college has been re-accredited with 'A+' Grade by NAAC (3rd cycle) in the year 2018 and has been declared as a "College with Potential for Excellence" (CPE) by the U.G.C. it has been approved for DBT Star college scheme from the academic year 2020-21. The college has also established an Institution Innovation Council (IIC) in 2019 and has received 3.5 star rating for the year

About the Department

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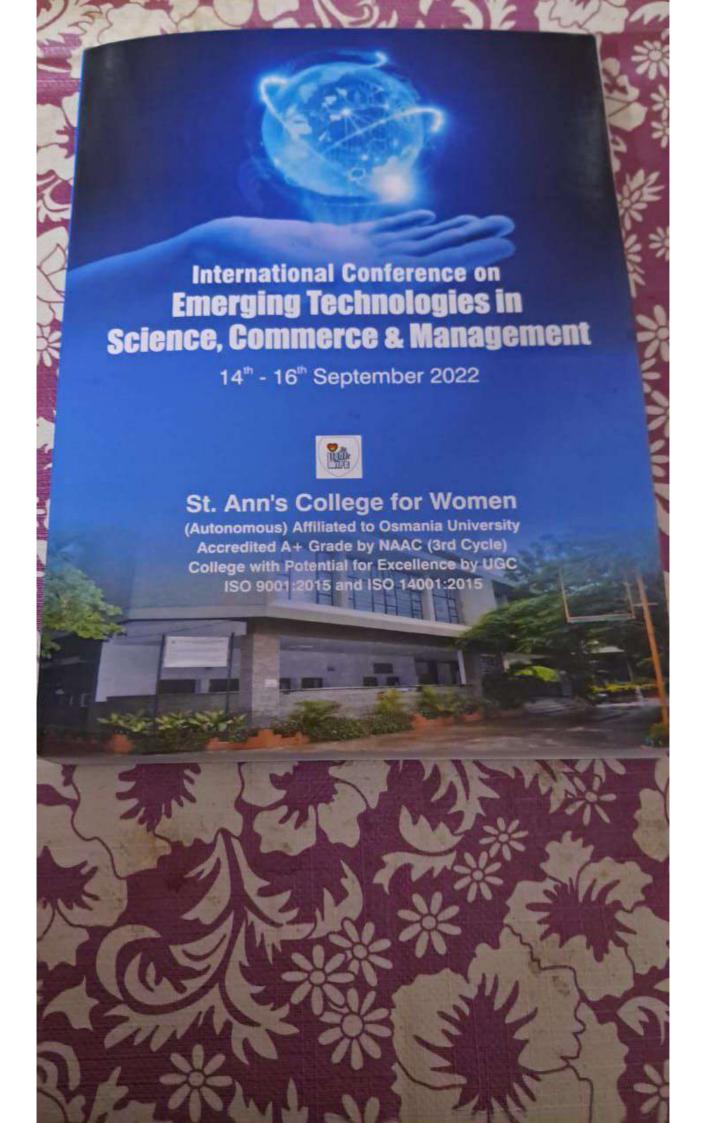


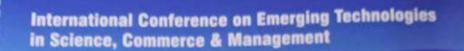
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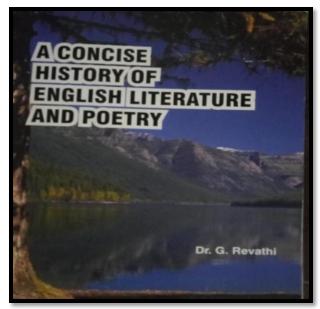
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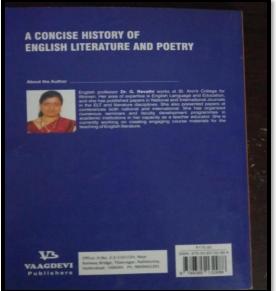
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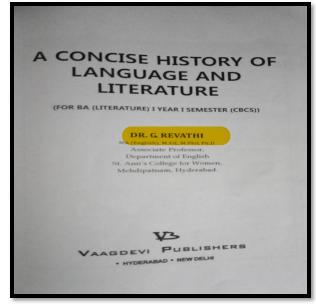


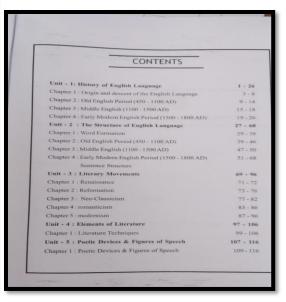


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DATA ANALYTICS MODELLING

- Aparna Bulusu
- Santhi Vedula
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ADVANCED DATA VISUALIZATION

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FORECASTING AND PREDICTIVE ANALYTICS



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- Sandeep Agarwalla
- Tulasi Ram Kandula
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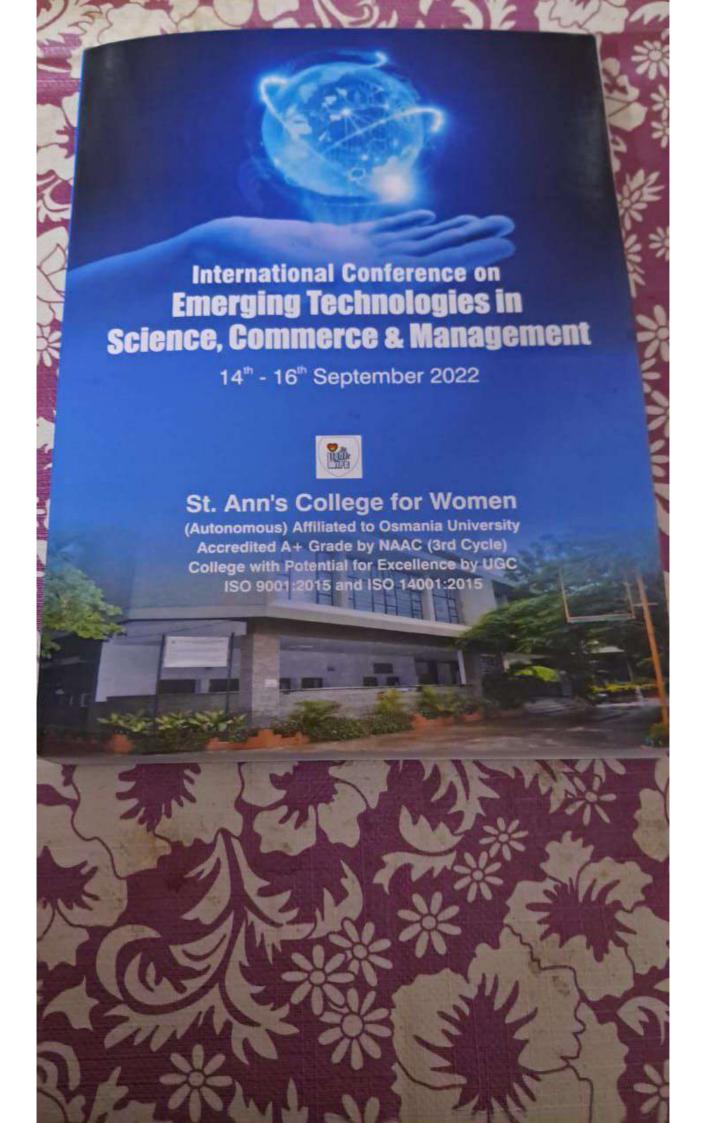
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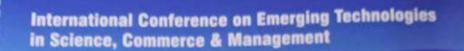
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About the Institution

St. Ann's College for Women, an Autonomous Institution (affiliated to Camania University) was established by the congregation of the Sisters of St. Anne in 1981. St. Ann's is an institution oriented towards the cause of value-based education, aiming at eptimum growth

Ever since its inception, the college has had the distinction of excelling in academics, research, and extracurricular activities. It has, within a short period, acquired a reputation as being one of the best colleges in the state of Telangana. The college envisions empowerment of the girl student through academic excellence, skill enhancement and value enrichment.

At present, the college has the strength of over 3200 students and well-qualified staff members belonging to 32 different departments. The college has been re-accredited with 'A+' Grade by NAAC (3rd cycle) in the year 2018 and has been declared as a "College with Potential for Excellence" (CPE) by the U.G.C. it has been approved for DBT Star college scheme from the academic year 2020-21. The college has also established an Institution Innovation Council (IIC) in 2019 and has received 3.5 star rating for the year

About the Department

St. Ann's College for Women was one of the first institutions in Hyderabad to start an undergraduate program, B.Sc. in Computer Science in the year 1986. The UG Department currently offers 4 UG Programmes (MECs, MPCs, MSCs & MSDs). The PG Department offers MCA Programme. The Computer Science department in collaboration with the Department of Statistics started a Post Graduate Diploma Programme in Data Analytics (PGDDA) in the year 2020. The programmes offered by the department have been structured to provide students with exposure to current technological advances and ample scope for placements with over 70% of students getting placed in the IT industry.



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Business Statistics

(As per New Restructured CBCS syllabus for BBA 1st year 2nd Semester Common Core Syllabus for all the Universities in Telangana w.e.f. 2021-2022)

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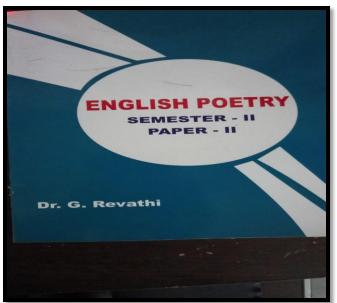
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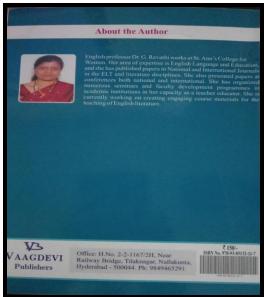
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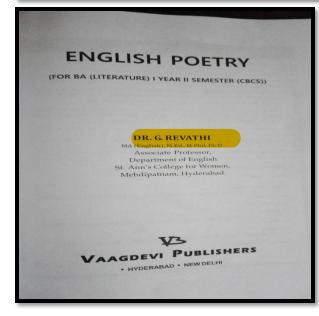
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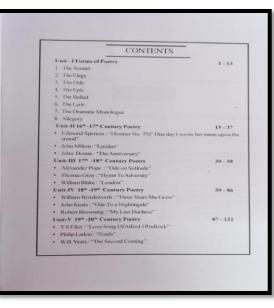
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DATA STRUCTURES AND ALGORITHMS

DATA STRUCTURES AND ALGORITHMS

(For B.Sc. Data Science III Year V Semester (CBCS))

P. Naga Kavitha R. Renuka

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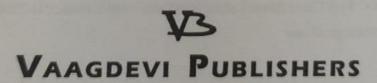
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MUGRUE MANUAL-1

SEMESTERI&II

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S Publishers



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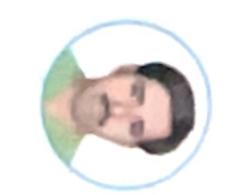


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CHAPTER 1

FUNDAMENTALS OF ORGANIZATIONAL BEHAVIOUR

1.1 Fundamental Basics of Organizational behaviour

Individual Differences

Each & Every person on the planet is distinct from the others

This viewpoint is backed up by science. Each person differs from the others in a million ways, just as each person's DNA profile differs.

Individual differences are a psychological idea that has been around for a long time. Each person is unique from the moment they are born, and personal events after that tend to make people even more so.

Perception

When people observe an object, their perceptions differ as well. The identical object can be presented in a variety of ways by two persons. And it's happening because of their experiences.

A person's lifetime of experience and collected value always organises and interprets what he sees.

Employees also have various perspectives on work due to differences in their personalities, requirements, demographics, prior experiences, and social environments.

A Whole Person

- The personal life of an employee is intertwined with his professional life.
- A woman who goes to work at 9:00 a.m., for example, is always looking forward to her children's school time (if her kids can participate in the school or not).
- As a result, it has an adverse effect on her concentration, which has a negative impact on her professional life.