



St. MARTIN'S Engineering College

UGC AUTONOMOUS

Dhulapally, Near Kompally, Secunderabad - 500 100, T.S. www.smec.ac.in



UGC AUTONOMOUS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONFIGURATION NEWSLETTER

VOL.2, ISSUE-1

JUNE 2023

CONFIGURATION NEWSLETTER

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ABOUT THE COLLEGE

St. Martin's Engineering College, an Autonomous Institution, situated in an eco-friendly environment, with state-of-art infrastructure. College has achieved the prestigious grade A+ from NAAC, UGC Paramarsh mentor, NBA accredited, ISO certified, DSIR Recognition, Remote center of IIT Bombay, Member of CII and MSME certified Institution. Signed more than 82 MoUs with major companies' and institutions.

Careers 360 Certified as AA+; Competition Success Review Ranked 3 out of 20; Career Connect Ranked 13 'Best Engineering Colleges of India and Wikipedia Ranked 8th in Telangana. The college is bestowed with the glorious Governor Award twice; The Engineering Educators' Award 2019; NIRDP Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award(Students Chapter); Best Innovation by Federation of Gujarat Industries and Street Cause-Most Dedicated Division. Best Sports College by Stumagz, Telangana, National Leadership Excellence Award- 2019 by ICCI.

The remarkable achievement by the faculty members of the college is that they have published 148+ books, 8800+ research papers, 161+ patents, 28+ copyrights and 40, 000+ international certification courses. The crowning glory in academic excellence was achieved by bagging gold medals from University every year. 138 innovative products are developed by students and faculties. SMEC has a strong vision of offering world class training to the promising engineers and Management professionals. SMEC is situated in an eco-friendly environment, the college has the best infrastructure. 100% ragging free campus.

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ABOUT THE DEPARTMENT

The department of CSE has commenced right from the inception of this college in 2002 with an intake of 60 and subsequently increased its intake to 240 by 2012. The department has well equipped laboratories with latest configuration systems and updated licensed softwares were installed. The department also provides a R&D lab with an internet connection of 36 systems for staff and students to take up their research work.


The department also has a tie up with various Multi National Companies which offers training in latest technologies, placements and internships. The faculty has authored 30 books, published 74 patents and papers in SPRINGER, IEEE & SCOPUS index journals and conferences.

The department got approval with Honors degree and JNTUH affiliated research and development center.





VISION

To evolve the department of Computer Science and Engineering as a center of academic excellence with latest technologies to transform students into innovative global leaders.

MISSION

-  M1: To produce competitive graduates having creative skills and ethical values to succeed in their fields as well as the foundation for life-long learning.
-  M2: By promoting research and development activities in collaboration with reputed industries and laboratories.
-  M3: To analyze design, and develop high-quality software systems using the appropriate theory, principles, tools and processes.

PROGRAM EDUCATIONAL OBJECTIVES

-  PEO 1: To apply engineering processes and practices to software and hardware systems skillfully and efficiently.
-  PEO 2: Ability to understand and analyze engineering issues in a broader prospective with ethical responsibility.
-  PEO 3: To prepare students to fit into any industry associated with developing and implementation of software products or technologies.
-  PEO 4: To equip the graduates with ability to analyze, design and test the novel products.

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EDITOR IN CHIEF

Dr. P. SANTOSH KUMAR PATRA
Principal & Group Director



Dear all,

Greetings from St. Martin's Engineering College.

It is pleasure to present the newsletter of Computer Science and Engineering department for the academic year 2021-2022. It is a matter of great pride and satisfaction for 'St. MARTIN'S ENGINEERING COLLEGE (AUTONOMOUS)' to bring out the newsletter 'CONFIGURATION' released from the Department of Computer Science and Engineering. The college has made a tremendous progress in all areas academic, non-academics, capacity building relevant to staff and students. The college has achieved another milestone in getting NBA (National Board of Accreditation), NAAC A+, AUTONOMOUS, NIRF, ARIIA. I am confident that this issue of department newsletter will send a positive signal to the staff, students and the people who are interested in the technical education and technology based activities.

A newsletter is like a mirror which reflects the clear picture of all sorts of activities carried out by a department and develops writing skills among students in particular and teaching faculty in general. The ways we teach and the ways our students learn are unique and creative. Many critics would confirm that the college has substantially contributed to the process of national development by providing quality education and thereby enabling the students to become globally competent engineers.

I congratulate the editorial board and designer board of this newsletter who have played wonderful roles in accomplishing the tasks in record time. I express my appreciation to Dr. R. Santhoshkumar, HOD/CSE under whose guidance this technical work has been carried out and completed within the stipulated time. We have excelled in every initiative that we undertook and we have stood together in facing the challenges in realizing the quality education. I also convey my heartfelt congratulations to staff members and students for their fruitful efforts.

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HOD MESSAGE



**Dr. R. Santhoshkumar,
Associate Professor & HOD,
Department of CSE,
SMEC**

I am very pleased to note that our department's newsletter "CONFIGURATION" is appreciated very well. The newsletter invites a wider readership to the institution. My heartfelt congratulations to the designer team and editorial team. The academic year of 2021-22 has been full of exciting activities for the students and faculty members in the department of Computer Science and Engineering at St. Martin's Engineering College (Autonomous).

The name and fame of the department and the institution depend on the calibre and achievements of the students and faculty members. We continued to excel in teaching, research, and service activities. We also published a good number of quality papers in high-impact factor international journals, performed good consultancy work, and were also involved in joint collaborative projects to strengthen research in diverse areas. I wish to record my hearty congratulations to those who have brought laurels to the department, appreciate all of you for working together as a team. Let this newsletter be a forum to exhibit the potential of students and faculty members with their literary skills and innovative ideas.

This newsletter will encompass all important events and activities of our department. Additionally, it also provides a platform to recognize and congratulate our department's achievers. Exploring hidden talents from the students' side and providing remarkable insights into the world of technology has been the main motive behind the newsletter. We feel extremely privileged to provide a platform where our students can present not just their artistic flair but also their technical quotient.

Thereby I encourage all the students to actively participate and contribute to our very own newsletter. I hope this initiative builds teamwork and inspires young minds by providing larger visibility and dimension to our department. I hope this culture of releasing newsletter continues forever.

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FACULTY AND ALUMINI MESSAGE

FACULTY MESSAGE



Mrs. E. Sowmya
Assistant Professor

As the faculty of this vital department, I am inspired by my colleagues and our students. I am proud of the ways that we as a department work individually and collectively to generate research that matters, and to produce and share knowledge that enables our students to effectively engage society as competent and engaged global citizens, as well as successful and fulfilled professionals.

ALUMNI MESSAGE

Ms. Sai Srisha
Batch: 2018-2022
SMEC



I'm Sai Srisha, 2022 CSE alumni, currently working as Business Intelligence Engineer at Microsoft with 60LPA package. I've been interned at AxiomIO (Oct'21 to June'22) where I've learned AWS services, terraform, Jenkins, dockers, workato. I got offered in 8 different companies. To juniors, would like to wish all the very best and always engage in learning.

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HIGHLIGHTS

Honor Degree and Minor Degree was sanctioned for B.Tech CSE department students as an additional degree for overall 7.5 CGPA secured students.

Research and Development Centre approved by JNTUH for pursuing Ph.D. Scholars in the department of CSE.

Ongoing funding project under MSME innovation scheme - Idea Hackathon 1.0 entitled "Development of Horticultural Manned Robot for Ripe Mango Fruit Plucking"

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RESEARCH AND DEVELOPMENT CENTRE

Research and Development Centre approved by JNTUH for pursuing Ph.D. Scholars in the department of CSE.



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HONOR DEGREE

Honor Degree was sanctioned for B.Tech CSE department students as an additional degree for overall 7.5 CGPA secured students.



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COHO CLUB (CODE HOPPER CLUB)

The Department of Computer Science and Engineering was started COHO Club (Code Hoper Club). The aim of this club is to improve the programming knowledge among students. There are 300+ student members are associated with this club.

Domains:-

1. C Language
2. JAVA
3. Python
4. Web Development
5. SQL

Chief: K.V.N. Indu CSE-4B

Chief Coordinator: Aman Jha CSE-2C



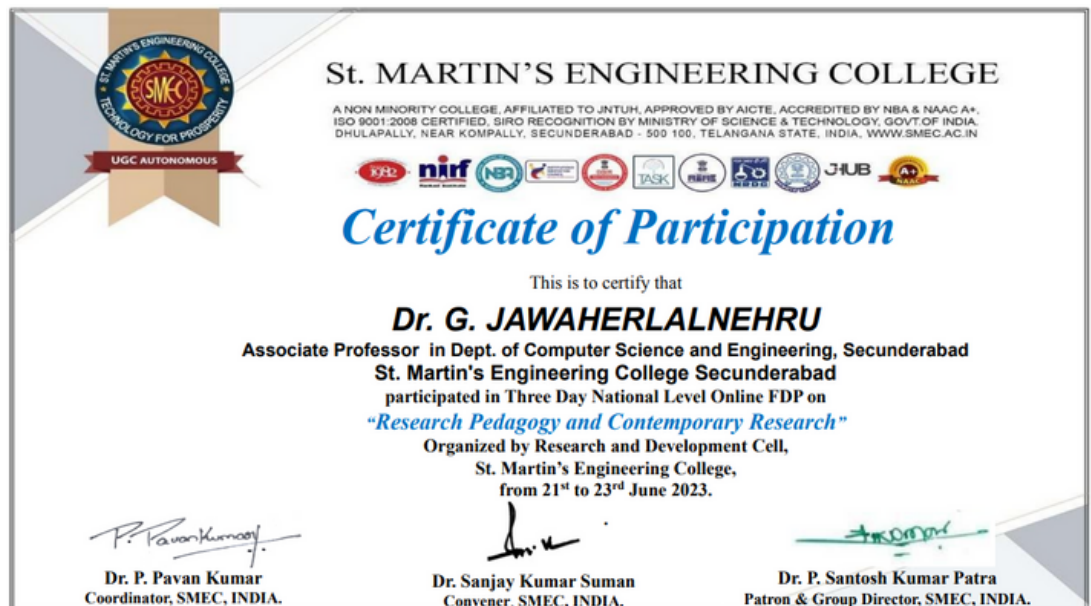
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STAFF'S CORNER FDP & CONFERENCE CERTIFICATES



Department of CSE faculty members are attended/ presented papers on various FDP and International Conferences during January to June 2023.

**Dr. R. Santhoshkumar, Associate Professor & HOD,
Department of CSE, SMEC**



**Dr. G. JawaharlalNehru, Associate Professor,
Department of CSE, SMEC**

47 faculty members are attended National Level Faculty Development Program on Research Pedagogy and Contemporary Research

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**Mr. V. Neeraja,
Assistant Professor,
Department of CSE,
SMEC**



**Mr. M. Dileep Kumar,
Assistant Professor,
Department of CSE,
SMEC**

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Mr. S. Avinash,
Assistant Professor,
Department of CSE,
SMEC

Dr. P. Sai Prasad,
Associate Professor,
Department of CSE,
SMEC



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Dr. G. JawaharlalNehru,
Associate Professor,
Department of CSE,
SMEC



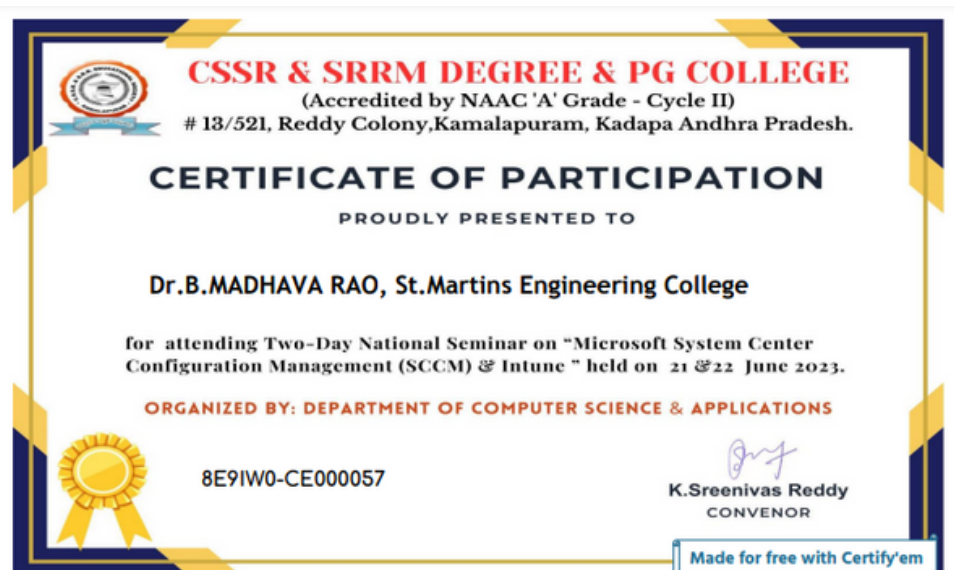
Mr. S. Bavankumar,
Assistant Professor,
Department of CSE,
SMEC

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**Mr. R. Srinivasan,
Assistant Professor,
Department of CSE, SMEC**

**Dr. B. Madhav Rao,
Assistant Professor,
Department of CSE, SMEC**



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PUBLICATIONS DETAILS - INTERNATIONAL JOURNALS

Dr. N. Satheesh, "Routing with Cooperative Nodes Using Improved Learning Approaches", Intelligent Automation & Soft Computing, volume 35, issue.3, DOI: 10.32604/iasc.2023.026153.

Rajalingam, B., Santhoshkumar, R., Deepan, P., & Alexander, P. Canny Edge Detection Algorithm: A Modern Traffic Control System. Journal of Optoelectronics Laser, 41(9), 531-542.

Santhoshkumar, R., Rajalingam, B., Deepan, P., JawaherlalNehru, G., & Bavankumar, S. Plant Leaf Disease Prediction: A PLDD Net-SVM Model Proposed using Internet of Thing (IOT) and Integrated Learning Model. Journal of Optoelectronics Laser, 41(9), 543-551.

R Santhoshkumar, B Rajalingam, Detection of Abnormal Driving Behavior Detection Using ADBD Convolutional Neural Networks, 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE).

B.Rajalingam, R. Santhoshkumar, (2022), A New improved NSST based Multimodal Medical Imaging System based on GWO and Image Enhancement with NLM Algorithm, 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE).

CONFIGURATION NEWSLETTER

PUBLICATIONS DETAILS -BOOK CHAPTERS

The following book chapters are published under reputed publishers and Scopus indexed.

ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS



DR. S. UMA
DR. D. LAKSHMI
DR. M. AMUTHA

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Edition: Large Print, March 1, 2023



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Chapter 2 Importance and Applications of Artificial Intelligence and Deep Learning Techniques in the Field of Medical Health Care

Dr. P. Deepan, St. Peter's Engineering College (Autonomous), Hyderabad, India, deepanp87@gmail.com

Dr. R. Santhoshkumar, St. Martin's Engineering College (Autonomous), Hyderabad, India, santhoshkumaraucese@gmail.com

Dr. B. Rajalingam, St. Martin's Engineering College (Autonomous), Hyderabad, rajalingam35@gmail.com

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PUBLICATIONS DETAILS -BOOK CHAPTERS

The following book chapters are published under reputed publishers and Scopus indexed.



4 Medical Image Fusion

Transforms Techniques-Based Comparative Analysis for Brain Disease

Rajalingam B and Santhoshkumar R
 Department of Computer Science and Engineering, St. Martin's Engineering College, Secunderabad, Telangana, India

Deepan P
 Department of Computer Science and Engineering, St. Peter's Engineering College, Hyderabad, Telangana, India

P. Santosh Kumar Patra
 Department of Computer Science and Engineering, St. Martin's Engineering College, Secunderabad, Telangana, India

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| Proposed Hybrid Algorithm (NSCT-NSST)..... | 58 |
| An Overview of Proposed (NSCT-NSST) Algorithm..... | 58 |

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PUBLICATIONS DETAILS -BOOK CHAPTERS

B. Rajalingam, R. Santhoshkumar, P. Deepan, P. Santosh Kumar Patra
2 An intelligent traffic control system using machine learning techniques

Abstract: The ever-increasing traffic jams in urban areas makes it necessary to make use of cutting-edge technology and equipment in order to advance the state of the art in terms of traffic control. The currently available solutions, such as time visitors or human control, are not adequate to alleviate the severity of this crisis. The findings of this investigation have led to the proposal of a system for the control of traffic that makes use of Canny edge detection and digital image processing to determine, in real time, the number of vehicles present. The above imposing traffic control advanced technologies offer significant advantages over the existing systems in real-time transportation management, robotization, reliability, and efficiency. In addition, the complete process of digital image acquisition, edge recognition, as well as green signal assignment is demonstrated with accurate blueprints, and the final outcomes are stated by hardware. All of this is done with four separate photographs of various traffic scenarios.

Keywords: Intelligent Traffic Control, Density-based Signalization, Edge Enhancement

1 Overview

The ever-increasing number of cars and trucks that are driving around today, combined with the limited resources supplied by the existing infrastructure, is contributing to the worsening of traffic problems. Those making use of a public route for the purpose of travel may include pedestrians, riding or herding animals, automobiles, trolleybuses, or other conveyances. Traffic on roads may move in either direction.

DE GRUYTER

AUGMENTED AND VIRTUAL REALITY IN INDUSTRY 5.0

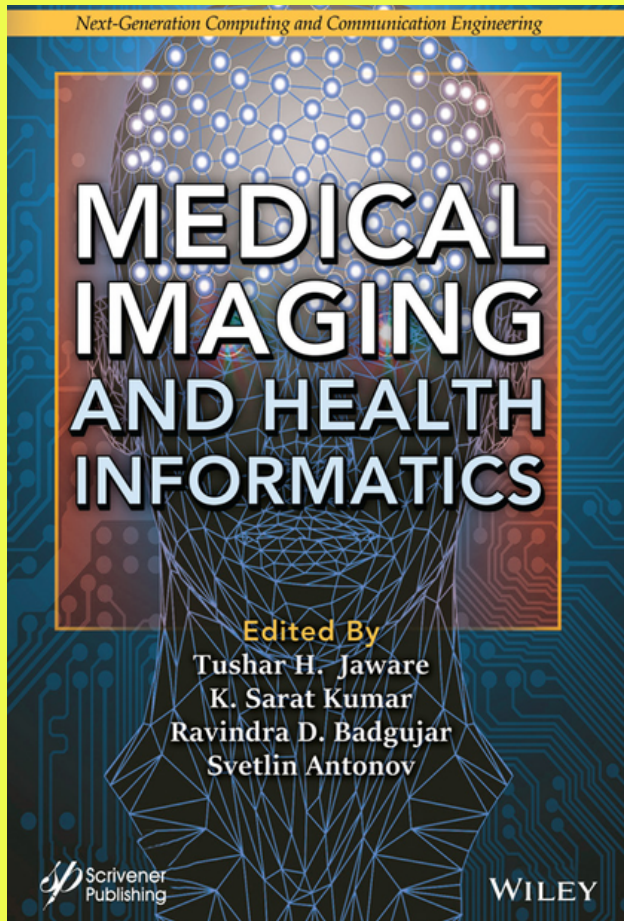
*Edited by Richa Goel, Sukanta Kumar Baral,
Tapas Mishra and Vishal Jain*

AUGMENTED AND VIRTUAL REALITY

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GRUYTER

CONFIGURATION NEWSLETTER

PUBLICATIONS DETAILS -BOOK CHAPTERS



Medical Imaging and Health Informatics

Chapter 12

Multimodality Medical Images for Healthcare Disease Analysis

B. Rajalingam ✉ R. Santhoshkumar ✉ P. Santosh Kumar Patra, M. Narayanan, G. Govinda Rajulu, T. Poongothai

Book Editor(s): Tushar H. Jaware, K. Sarat Kumar, Ravindra D. Badgujar, Svetlin Antonov

<https://doi.org/10.1002/9781119819165.ch12>

Summary

Image fusion has grown as a powerful technique to enhance the aspects of the image, boosting its quality and making it more clear and descriptive, thanks to recent advancements in imaging technology and instrumentation. In medical assessment, using the specific quality of each image and combining them ensures precise diagnosis. The goal of this study is to see if a single domain radiological image can provide information about

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PUBLICATIONS DETAILS - PATENT

The following are the patents published by faculty members



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details

| | |
|----------------------------------|---|
| APPLICATION NUMBER | 202341041216 |
| APPLICATION TYPE | ORDINARY APPLICATION |
| DATE OF FILING | 16/06/2023 |
| APPLICANT NAME | <ol style="list-style-type: none"> 1 . Dr. P. Deepan, St. Peter's Engineering College, Hyderabad 2 . Mrs. R. Vidya, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai 3 . Mr. N. Arul, St. Peter's Engineering College, Hyderabad 4 . Dr. B. Rajalingam, St. Martin's Engineering College 5 . Dr. R. Santhoshkumar, St. Martin's Engineering College 6 . Dr. N. Satheesh, School of Engineering & Technology, Jain Global Campus, Jain (Deemed to be University) 7 . Mrs. A. Sivaranjani, Teaching Fellow, University College of Engineering, Panruti 8 . Mr. D. Vijayakumar, Dhanalakshmi Srinivasan Engineering College 9 . Mr. R. Senthil Babu, St. Peter's Engineering College 10 . Mrs. S. Dhiravidaselvi, Roever Engineering College 11 . Mr. N. Rajadurai, St. Peter's Engineering College |
| TITLE OF INVENTION | An Artificial Intelligence - IoT based Smart Poultry Farm Prototype for Indian Farming Sector |
| FIELD OF INVENTION | MECHANICAL ENGINEERING |
| E-MAIL (As Per Record) | deepanp87@gmail.com |
| ADDITIONAL-EMAIL (As Per Record) | |
| E-MAIL (UPDATED Online) | |
| PRIORITY DATE | |
| REQUEST FOR EXAMINATION DATE | -- |

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TEXT BOOK PUBLICATIONS



Machine Learning

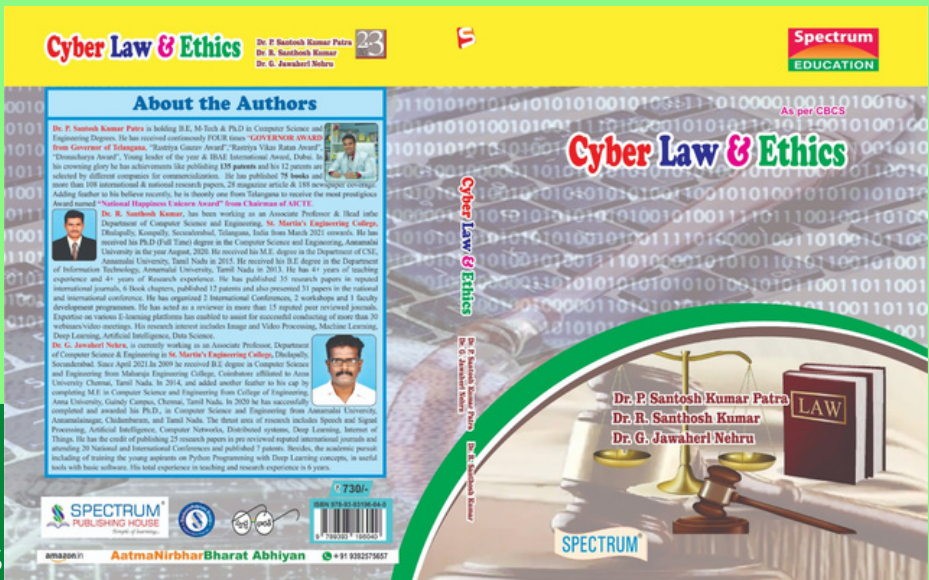
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MACHINE LEARNING

Authors: Dr. P. Santosh Kumar Patra, Dr. R. Santhoshkumar, Mrs. E. Sowmya
 Publisher: SEVEN HILLS
 ISBN: 978-93-92153-00-6
 Year: 2023

CYBER LAW & ETHICS

Authors: Dr. P. Santosh Kumar Patra, Dr. R. Santhoshkumar, Dr. G. JawaharlalNeru
 Publisher: SPECTRUM TECHNO PRESS
 ISBN: 978-93-93162-02-1 Year: 2023



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TEXT BOOK PUBLICATIONS

Data Warehousing and Data Mining

Dr. P. Santosh Kumar Patra
Dr. R. Santhoshkumar



Spectrum
EDUCATION

About the Authors

Dr. P. Santosh Kumar Patra is holding B.E., M-Tech & Ph.D in Computer Science and Engineering Degrees. He has received continuously FOUR times "GOVERNOR AWARD from Governor of Telangana, "Rastriya Gaurav Award", "Rastriya Vikas Ratan Award", "Dronacharya Award", Young leader of the year & IBAE International Award, Dubai. In his crowning glory he has achievements like publishing 135 patents and his 12 patents are selected by different companies for commercialization. He has published 75 books and more than 108 international & national research papers, 28 magazine article & 188 newspaper coverage. Adding feather to his believe recently, he is the only one from Telangana to receive the most prestigious Award named "National Happiness Unicorn Award" from Chairman of AICTE.



Dr. R. Santhoshkumar, has been working as an Associate Professor & Head in the Department of Computer Science and Engineering, St. Martin's Engineering College, Dimplepatly, Komolli, Secunderabad, Telangana, India from March 2021 onwards. He has received his Ph.D (Full Time) degree in the Computer Science and Engineering, Annauniversity in the year August, 2020. He received his M.E. degree in the Department of CSE, Annauniversity, Tamil Nadu in 2015. He received his B.E degree in the Department of Information Technology, Annauniversity, Tamil Nadu in 2013. He has 4+ years of teaching experience and 4+ years of Research experience. He has published 35 research papers in reputed international journals, 6 Book chapters, published 12 patents and also presented 31 papers in the national and international conference. He has organized 2 International Conferences, 2 workshops and 1 faculty development programmes. He has acted as a reviewer in more than 15 reputed peer reviewed journals. Expertise on various E-learning platforms has enabled to assist for successful conducting of more than 30 webinars/video-meetings. His research interest includes Image and Video Processing, Machine Learning, Deep Learning, Artificial Intelligence, Data Science.



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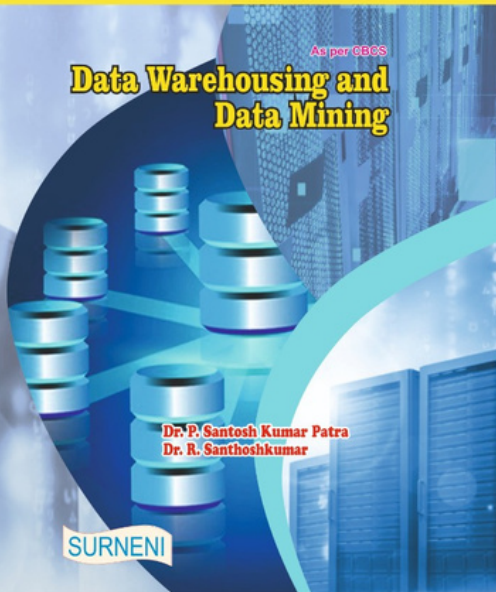
Data Warehousing and Data Mining

Dr. P. Santosh Kumar Patra

Dr. R. Santhoshkumar

Data Warehousing and Data Mining

As per CBSE



Dr. P. Santosh Kumar Patra
Dr. R. Santhoshkumar

SURNENI

DATA WAREHOUSING AND DATA MINING

Authors: Dr. P. Santosh Kumar Patra,
Dr. R. Santhoshkumar
Publisher: SURNENI, ISBN: 978-93-93199-02-7, Year 2023

Advanced Artificial Intelligence

Dr. P. Santosh Kumar Patra
Dr. G. Govinda Rajulu



Spectrum
EDUCATION

About the Authors

Dr. P. Santosh Kumar Patra is holding B.E., M-Tech & Ph.D in Computer Science and Engineering Degrees. He has received continuously FOUR times "GOVERNOR AWARD from Governor of Telangana, "Rastriya Gaurav Award", "Rastriya Vikas Ratan Award", "Dronacharya Award", Young leader of the year & IBAE International Award, Dubai. In his crowning glory he has achievements like publishing 135 patents and his 12 patents are selected by different companies for commercialization. He has published 75 books and more than 108 international & national research papers, 28 magazine article & 188 newspaper coverage. Adding feather to his believe recently, he is the only one from Telangana to receive the most prestigious Award named "National Happiness Unicorn Award" from Chairman of AICTE.



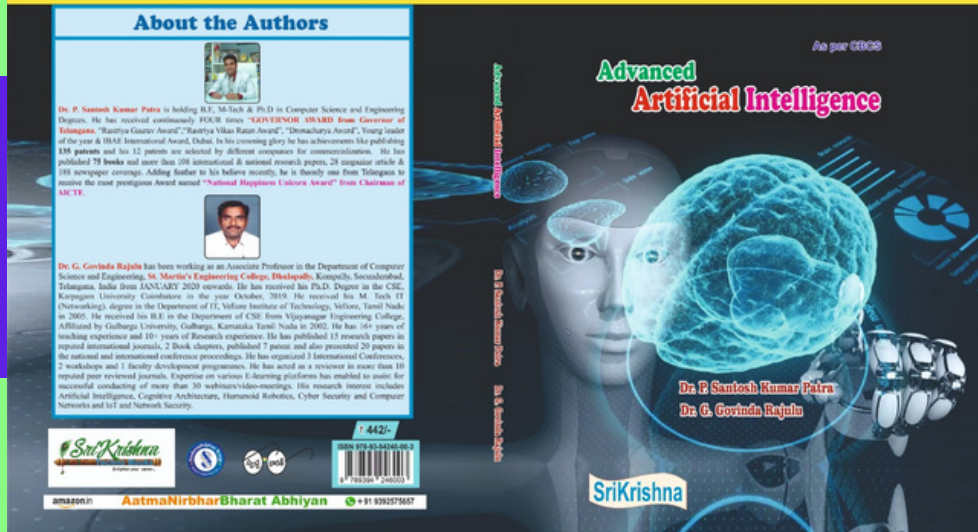
Dr. G. Govinda Rajulu has been working as an Associate Professor in the Department of Computer Science and Engineering, St. Martin's Engineering College, Dimplepatly, Komolli, Secunderabad, Telangana, India from JANUARY 2020 onwards. He has received his Ph.D. Degree in the CSE, Karpagam University, Coimbatore in the year October, 2019. He received his M. Tech IT (Networking), degree in the Department of IT, Vellore Institute of Technology, Vellore, Tamil Nadu in 2005. He received his B.E in the Department of CSE, from Vijayanagar Engineering College, Affiliated by Gulbarga University, Gulbarga, Karnataka Tamil Nadu in 2002. He has 16+ years of teaching experience and 10+ years of Research experience. He has published 15 research papers in reputed international journals, 2 book chapters, published 7 patents and also presented 20 papers in the national and international conference proceedings. He has organized 3 International Conferences, 2 workshops and 1 faculty development programmes. He has acted as a reviewer in more than 10 reputed peer reviewed journals. Expertise on various E-learning platforms has enabled to assist for successful conducting of more than 30 webinars/video-meetings. His research interest includes Artificial Intelligence, Cognitive Architecture, Humanoid Robotics, Cyber Security and Computer Networks and IoT and Network Security.



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Advanced Artificial Intelligence

As per CBSE



Dr. P. Santosh Kumar Patra
Dr. G. Govinda Rajulu

SriKrishna

Authors: Dr. P. Santosh Kumar Patra,
Dr. G. Govinda Rajulu
Publisher: Sri Krishna Publishers.,
ISBN: 978-93-92311-00-0 Year: 2023

ADVANCED ARTIFICIAL INTELLIGENCE

CONFIGURATION NEWSLETTER

TEXT BOOK PUBLICATIONS

Introduction to Artificial Intelligence

Dr. P. Santosh Kumar Patra
Dr. G. Govinda Rajulu

About the Authors

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Dr. G. Govinda Rajulu has been working as an Associate Professor in the Department of Computer Science and Engineering, St. Martin's Engineering College, Dhulapally, Komapally, Secunderabad, Telangana, India from JANUARY 2020 onwards. He has received his Ph.D. Degree in the CSE, Karpagam University Coimbatore in the year October, 2019. He received his M. Tech IT(Networking), degree in the Department of IT, Vellore Institute of Technology, Vellore, Tamil Nadu in 2005. He received his B.E in the Department of CSE from Vijayanagar Engineering College, Affiliated by Gulbarga University, Gulbarga, Karnataka Tamil Nadu in 2002. He has 16+ years of teaching experience and 10+ years of Research experience. He has published 15 research papers in reputed international journals, 2 Book chapters, published 7 patent and also presented 20 papers in the national and international conference proceedings. He has organized 3 International Conferences, 2 workshops and 1 faculty development programmes. He has acted as a reviewer in more than 10 reputed peer reviewed journals. Expertise on various E-learning platforms has enabled to assist for successful conducting of more than 30 webinars/video-meetings. His research interest includes Artificial Intelligence, Cognitive Architecture, Humanoid Robotics, Cyber Security and Computer Networks and IoT and Network Security.

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AMARAVATHI PUBLISHERS

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INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Authors: Dr. P. Santosh Kumar Patra,
Dr. G. Govinda Rajulu
Publisher: AMARAVATHI Publishers.,
ISBN: 978-93-92311-00-0 Year: 2023

Compiler Design

Dr. P. Santosh Kumar Patra
Dr. P. Sai Prasad
Dr. R. Santhosh Kumar

About the Authors

Dr. P. Santosh Kumar Patra is holding B.E., M-Tech & Ph.D in Computer Science and Engineering Degrees. He has received continuously FOUR times "GOVERNOR AWARD from Governor of Telangana, "Rastriya Gaurav Award", "Rastriya Vikas Ratan Award", "Dronacharya Award", Young leader of the year & IBAE International Award, Dubai. In his growing glory he has achievements like publishing 135 patents and his 12 patents are selected by different companies for commercialization. He has published 78 books and more than 108 international & national research papers, 28 magazine article & 188 newspaper coverage. He has maintained the highest amount of consultancy and industry sponsored projects in Telangana state amount of Rs. 444 crores from GHMC, Hyderabad & Rs.150 crores from HMWSSB, Hyderabad, Govt of Telangana. He has received Rs. 1.8 Crores funds from DST, IIT Bombay and AICTE. He is bestowed with Rs. 28 lakhs from UGC as a PARAMARSHI(Advisor). He believes Life is a memorable journey that is meant to be experienced to the fullest every day by making every moment an opportunity to learn and spread love and happiness. Adding feather to his believe recently, he is the only one from Telangana to receive the most prestigious Award named "National Happiness Uniscora Award" from Chairman of AICTE.

Dr. P. Sai Prasad, is currently working as an Associate Professor in the department of Computer Science and Engineering in St. Martin's Engineering College (Autonomous), Dhulapally, Secunderabad since January 2022. He obtained B.Tech., in Information Technology from Kinnairt Ladies College of Engineering, Yaddanapeta, Acharya Nageswara University in 2006, M.Tech., in Computer Science and Engineering from RVV & Engineering in Big Data Analytics, Artificial Intelligence and Internet of Things. He has published more than 20 International Journal Publications in SCISOPUS, UGC CARE. He has acted as a reviewer in various Conferences organized by IEEE and Selected for AICTE LITE Course on Web Development, August 2021. He has acted as BOS Chairman, R20 Regulation Course Structure, Department of CSE (AI&ML) in his previous institute. His total experience in teaching and research is 16 Years.

Dr. R. Santhosh Kumar, has been working as an Associate Professor & Head in the Department of Computer Science and Engineering, St. Martin's Engineering College, Dhulapally, Komapally, Secunderabad, Telangana, India from March 2021 onwards. He has received his Ph.D (Full Time) degree in the Computer Science and Engineering, Anna Maria University in the year August, 2020. He received his M.E. degree in the Department of CSE, Anna Maria University, Tamil Nadu in 2015. He received his B.E. degree in the Department of Information Technology, Anna Maria University, Tamil Nadu in 2011. He has 4+ years of teaching experience and 4+ years of Research experience. He has published 15 research papers in reputed international journals, 5 Book chapters, published 12 patents and also presented 21 papers in the national and international conference. He has organized 2 International Conferences, 2 workshops and 1 faculty development programmes. He has acted as a reviewer in more than 15 reputed peer reviewed journals. Expertise on various E-learning platforms has enabled to assist for successful conducting of more than 30 webinars/video-meetings. His research interest includes Image and Video Processing, Machine Learning, Deep Learning, Artificial Intelligence, Data Science.

As per CBCS

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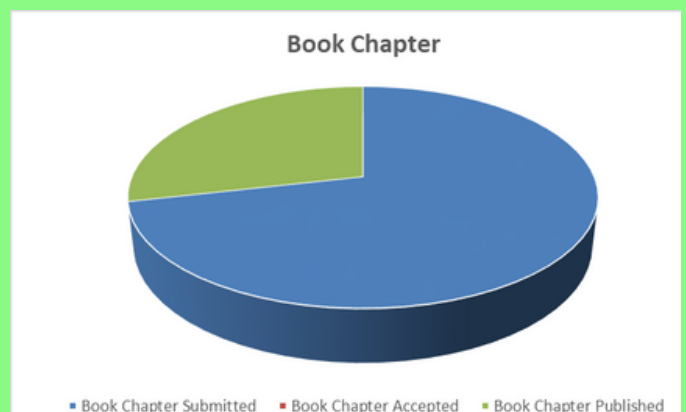
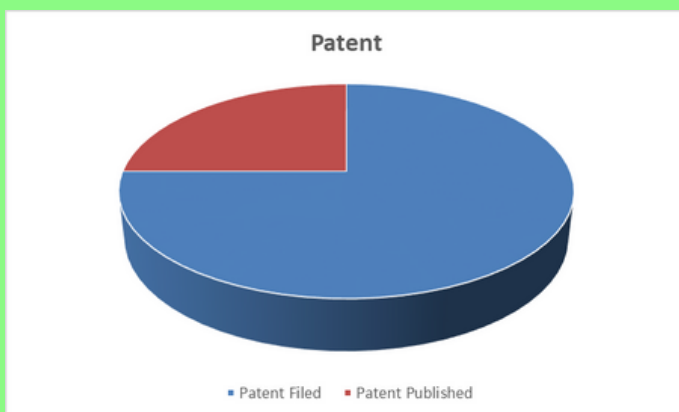
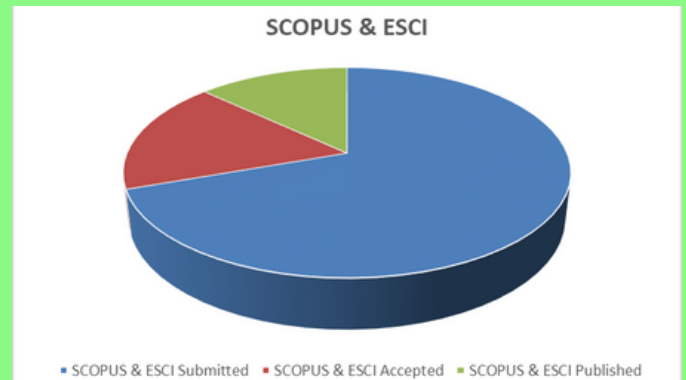
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COMPILER DESIGN

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Dr. R. Santhoshkumar,
Dr. P. Sai Prasad
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ISBN: 978-93-91420-09-3, Year: 2023

CONFIGURATION NEWSLETTER

PUBLICATIONS SUMMARY



The faculty members of CSE department have actively involved in publication of their research work as a journal consisting of 6 Scopus indexed and 1 SCI journal. They have published 10 patents, filed 20 patents, 8 books and 4 book chapter are published. From this 25% of publication had done in reputed journals. 30% of patent publication had done. 45% of publication done through Amaravathi Publishers, Seven Hill International Publications, and Students Helpline Publishing House (P) Ltd.

CONFIGURATION NEWSLETTER

SPONSER RESEARCH

RESEARCH PROPOSALS

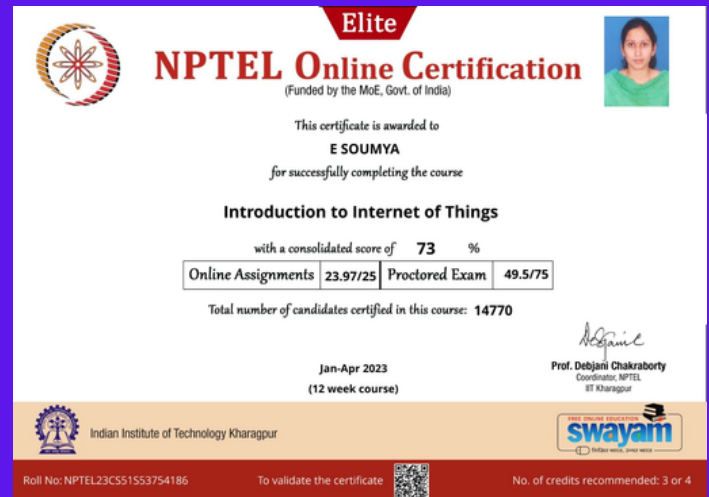
Department of CSE faculty members have applied for MSME 2.0 funding projects.

- Dr. N. Satheesh, "Indoor Vertical Farming using Digital Techniques"
- Dr. R. Santhoshkumar, "Low-Cost Intelligent Health Care Application for Human Fall Detection"
- Dr. M. Vadivukarassi, "Knowledge Hub Based Representation in Digital Agriculture for Crop Monitoring"
- Dr. G. Govindarajulu, "IOT based Waste Management Improvement in Cities"
- Dr. B. Rajalingam, "GSM and GPS Based Vehicle Accident Detection System"

CONFIGURATION NEWSLETTER

CERTIFICATION COURSES

E. Soumya – Introduction to Internet of Things



Elite
NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
E SOUMYA
 for successfully completing the course

Introduction to Internet of Things
 with a consolidated score of **73** %

| | | | |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.97/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
 (12 week course)

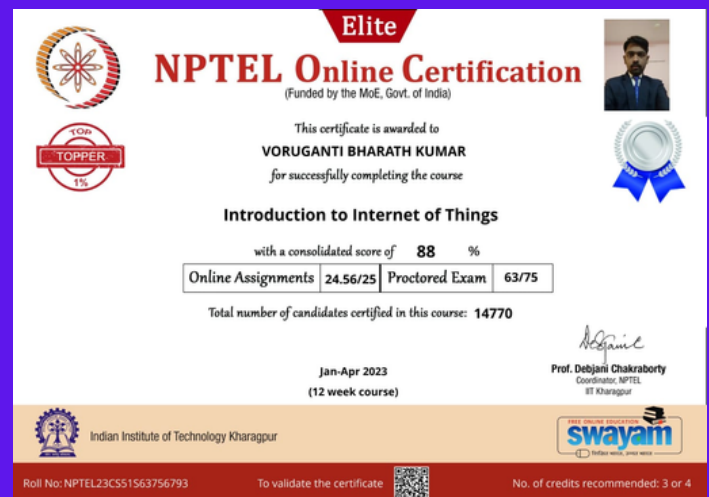
Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS51553754186 To validate the certificate No. of credits recommended: 3 or 4

V. Bharath Kumar – Introduction to Internet of Things



Elite
NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
VORUGANTI BHARATH KUMAR
 for successfully completing the course

Introduction to Internet of Things
 with a consolidated score of **88** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.56/25 | Proctored Exam | 63/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
 (12 week course)

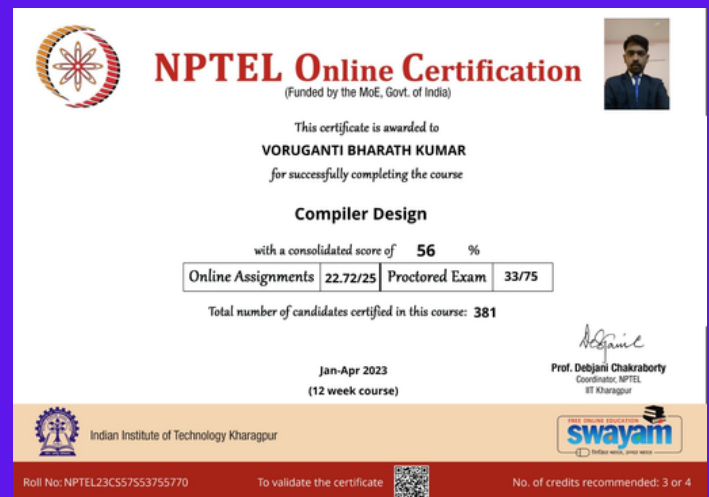
Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS51563756793 To validate the certificate No. of credits recommended: 3 or 4

V. Bharath Kumar – Compiler Design



NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
VORUGANTI BHARATH KUMAR
 for successfully completing the course

Compiler Design
 with a consolidated score of **56** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.72/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **381**

Jan-Apr 2023
 (12 week course)

Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL23CS57553755770 To validate the certificate No. of credits recommended: 3 or 4

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STUDENT'S CORNER STUDENT'S ACHIVEMENTS

Congratulations!

To the 2023 batch of
B.Tech
students selected in



With **58** LAKHS
Dream Package Offer



PATHI ROHAN REDDY (19K81A05G6)
IV C
CSE SMEC

SELECTED FOR PLACEMENT IN PALOALTO NETWORKS.,
WITH YEARLY STIPEND OF INR 58 LAKHS.

CONFIGURATION NEWSLETTER

STUDENT'S CORNER STUDENT'S ACHIVEMENTS

Congratulations!



PANAPANA SHRUTI (20K81A05G5)

III C
CSE SMEC

SELECTED FOR INTERNSHIP IN MICROSOFT INDIA (R&D) PVT.
LTD., WITH MONTHLY STIPEND OF INR 125000

CONFIGURATION NEWSLETTER

STUDENT'S CORNER STUDENT'S ACHIVEMENTS

Congratulations!



CSE

CHITUMALLA SUPRADEEP
with
7 Lakhs Package

Placed in
DeltaX



CSE | **CSE** | **CSE** | **CSE**

ETIKYALA SREENIDHI REDDY | **SAHITHI DEVARASHETTY** | **K SUMEDA REDDY** | **SAMBA VAISHNAVI**

Placed in Movate with **2.12 Lakhs Package**




CSE | **CSE** | **CSE** | **CSE**

SURESH SWETHA | **SYEDA FARZANA BEGUM** | **GOURISETTY SATHVIKA** | **TUMMURI POOJITHA**

Placed in Movate with **3.2 Lakhs Package**



CSE

GUJJE AISHWARYA

Placed in **ProLifics**
Global Technology Solutions Provider
with **4.0 Lakhs Package**



CSE

KUKUTLA SANDEEP

Placed in **SMBXL**
with **4.60 Lakhs Package**



CSE | **CSE** | **CSE**

GADDAM PRANAV REDDY | **GANGULA HEMANTH REDDY** | **KALLEPELLI MEGHASHANK**

Placed in **VEP**
with **5.50 Lakhs Package**



CSE

SUMAN BISWAS

Placed in **CEASE FIRE**
with **5.16 Lakhs Package**



CSE | **CSE** | **CSE** | **CSE**

GANTYALA VISHAL KUMAR | **KAKUNOOR HARSHAVARDHAN** | **METHRILA STEVEN** | **SAGAR SHARMA**

Placed in **Talent pace**
with **3.0 Lakhs Package**



CSE | **CSE** | **CSE**

GADDAM PRANAV REDDY | **GANGULA HEMANTH REDDY** | **KALLEPELLI MEGHASHANK**

Placed in **Vitality & Engagement**
Developing Communities
with **5.50 Lakhs Package**

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The following are the placed students name list and Company:

ABHIJEET VARMA
MUTHUMULA RAVINDRA REDDY
TAPISH BALODI
MOHAMMED AMAAN SUBHANI
DHAIRYA KOSHT

AXIOM IO

SHRIYA KAIRA
ONTELA SATHVIKA
BHARATH PABBU
BHARATHI KONGA
SANDEEP KUKUTLA
MUTHE NAGA RAJA SRI
NARENDAR REDDY POREDDY
PRANITHA BUJIGIRI
BHAVANA REDDY CHENNAM
LOKESH CHETLA
SUPRADEEP CHITUMALLA
DHAIRYA KOSHTA
AISHWARYA GUJJE
SHIVANI MADIREDDY
NADIPALLI SRAVYA
ROHAN REDDY PATHI
SIRI VEMULA
JAYAKETH DASARI
GADDAM NIKHITHA REDDY
VARUN GODAVARTHI
NITHIN NAYAK MUDAVATH
RECHINTALA SAMHITHA
CHITYALA YASHASWI
SHIVA KUMAR

VIRTUSA

CHITUMALLA SUPRADEEP

DELTAX

AISHWARYA GUJJE

NSL HUB

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GODE KUNAL
GADHARI APARNA REDDY
KONGA BHARATHI
SAMBARU NITHISH
TUMMURI POOJITHA
BUJIGIRI PRANITHA
MADIREDDY SHIVANI
CHANDRAGIRI AJAY KUMAR REDDY
R SAMHITHA

AIZEN ALGO

COGNIZANT

ANSHITHA ADEPU
PAVANKUMAR AMBALLA
SREENIDHI REDDY ETIKYALA
GUNDA SUJITH
KOKKIRALA VAISHNAVI
SOWMYA BHAVANI KOMMU
MOHAMMED AAQIB KHAN
ONTELA SATHVIKA
SRUTHILAYA SALVER
SERLA VAMSHI KRISHNA
SHAIK SANA FATHIMA
A SUPRAJA
BHOOMPALLY JAICHANDRA
GUJJULA SHIVA RAM
SHIVAANI KOTI
KARAN SINGH
NARENDAR REDDY POREDDY
NITHISH SAMBARU
PAPPULLA LAXMIPATHY THANAI
SHIVANI POHAR
SAHITHI DEVARASHETTY

TUMMURI POOJITHA
PRANITHA BUJIGIRI
GOLLAPALLY AISWARYA
CHITTI SRIJA KOMATI
KOTAGIRI AKASH
SHIVANI MADIREDDY
SAMA AKSHITHA
RANJITH SEEMALA
VANGALA KIRAN
SAI MANISH REDDY AMBATI
CHANDRAGIRI AJAY KUMAR REDDY
DADI SAI SATHVIK
GADDDAM NIKHITHA REDDY
KALLEPELLI MEGHASHANK
MAVURAM SATVIK REDDY
NAKKALA PRIYANKA
R SAMHITHA
RUPA BANDA
DASARI SAITEJA

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SAMA AKSHITHA
MAVURAM SATWIK REDDY

DHRUVSOFT

DHARAVATH PAVAN KUMAR

BLAZE AUTOMATION

A SUPRAJA
PAGADAKULA MANEESH
D MADHURI
KOMATI CHITTI SRIJA
KONDADI SATHWIKA

EVOKE TECHNOLOGIES

METHRILA STEVEN
SAGAR SHARMA
GANTYALA VISHAL KUMAR
KAKUNOOR HARSHAVARDHAN

TALENT PACE PVT LTD

ETIKYALA SREENIDHI REDDY
GOURISETTY SATHVIKA
SAHITHI DEVARASHETTY
SAMBA VAISHNAVI
SURESH SWETHA
TUMMURI POOJITHA
K SUMEDA REDDY
SYEDA FARZANA BEGUM

MOVATE

KAMMARI SAIKIRAN CHARY
POTAKARI SWAPNA
BHUKYA JANARDHAN
CHETLA LOKESH
GARLAPATI SAI MANASA
KULAKARNI SRIPAD RAO
MANTHAPURI SPOORTHI
UMMADI SIRI CHANDHANA
SINDHUJA GOLLA
VAJEER KRISHNA PRASANNA BAI
KATTLA MADHUVAN
CHANUGOMULA MANIKYAM

RINEX

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GUNDA SUJITH

TECHMAHINDRA

PRADYUMN KUMAR YADAV
SAMA AKSHITHA

QSPIDERS

KALLAGUNTA VENKAT VENKAT

SUTHERLAND

GUJJE AISHWARYA

PROLIFICS

GAJJE RAVITEJA GOUD
LANKA RAJESH

SMARTIMS

KUKUTLA SANDEEP

SMBXL

JETTI YASHWANATH KUMAR

NETENRICH

CONFIGURATION NEWSLETTER

DEPARTMENT TOPPERS

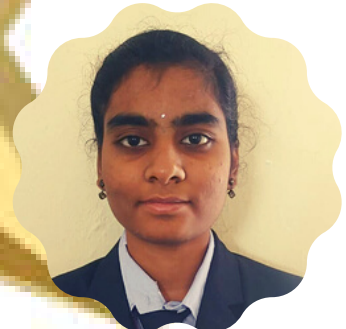
THIRD YEAR TOPPERS



G. PAVITHRA
(20K81A0577)



P. SHRUTI
(20K81A0565)



M. SUJITHA
(20K81A05L8)

FOURTH YEAR TOPPERS



NITHISH
(19K81A0596)



S. AKSHITHA
(19K85A05068)



K. SRUJANA
(19K85A05031)



K. SHRIYA
(19K85A05023)

CONFIGURATION NEWSLETTER

STUDENT ACHIVEMENTS

Vivekananda Institute of Languages
 Ramakrishna Math, Domalguda, Hyderabad - 500 029, Telangana, India
 Tel: 040-27635545; Mob: 9603578545; E-mail: languages@rkmath.org; Website: www.rkmath.org

29 May 2023

PROFICIENCY CERTIFICATE

This is to certify that **Repaka Jyothi Nandhan** (son of Repaka Venkata Satya Narayana) bearing the Reg.No. OL21C1548, has successfully completed the following levels of the **French** language course. The period, duration and performance in the final examination at each level are given below.

| Level of Course | Period | Duration | Grade |
|-----------------|----------------------------|----------|-------|
| First Junior | September to December 2021 | 80 Hours | A+ |
| Second Junior | January to March 2022 | 80 Hours | A |
| First Senior | June to August 2022 | 80 Hours | A |
| Second Senior | September to December 2022 | 80 Hours | A |

The Institute issues a Diploma Certificate only on successful completion of the whole course, which consists of six levels. The total duration of the course is 480 hours.

(Swami Shitikanthananda)
Director

Grades: A+ = Above 80%, A = 70 - 79%, B+ = 60 - 69%, B = 50 - 59%

"Education is the manifestation of perfection already in man"
-Swami Vivekananda



REPAKA JYOTHI NANDHAN
21K81A05
CSE-II A

Completed French Language course in vivekananda Institute Languages

CONFIGURATION NEWSLETTER

STUDENT ACHIVEMENTS



Vol. XVI & Issue No. 3 March - 2023

INDUSTRIAL ENGINEERING JOURNAL

PREDICTIVE ANALYTICS RESEARCH ON CLASSIFICATION TECHNIQUES

M. Swapna Kumari¹, Dr. R. Nagaraju², Nalamari Shashidhar Reddy³, Prazwal Jugal⁴, PathaSai Shiva⁵, N.

V. Ramkishore⁶

Assistant Professor, Department of CSE, CMRCET.

¹Professor, Department of IT, St. Martin's Engineering College, Dhulapally, Secunderabad, Telangana, India.

^{3,4,5,6} UG Students, Department of AI & ML, RayalaGirija, Department of CSE St. Martin's Engineering College, Dhulapally, Secunderabad, Telangana, India.

Abstract– The process of obtaining useful information from enormous amounts of data is referred to as "data mining." Approaches to data mining include things like classification, association rules, and clustering, among other things. The process of data mining typically consists of four stages: locating data sources, extrapolating or accumulating data, modelling, and delivering module solutions. The purpose of the classification process in data mining is to make predictions about the groups to which individual data instances belong. It's a technique that can be helpful in data mining, and it has a wide range of applications for categorising the many kinds of data that are utilised in practically every field. The act of assigning a class label to a predetermined group of cases is what we mean when we talk about classification. The Bayesian classification, rules-based classification, decision trees, and neural networks are the two types of classification systems that we would like to discuss in this survey.

Keywords: Data Mining, Classification, Bayesian, Decision Trees, Neural Network.



R.GIRIJA
21K81A05P2
CSE-II D

Published industrial Engineering Journal
Title of "PREDICTIVE ANALYTIC RESEARCH ON
CLASSIFICATION TECHNIQUE "

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STUDENT ACHIVEMENTS



K.MANIDEEP
20K81A0527
CSE-III A

National Level Student Technical Symposium at CMR College of Engineering & Technology



MASOOM IMRAN
21K81A0539
CSE-II A

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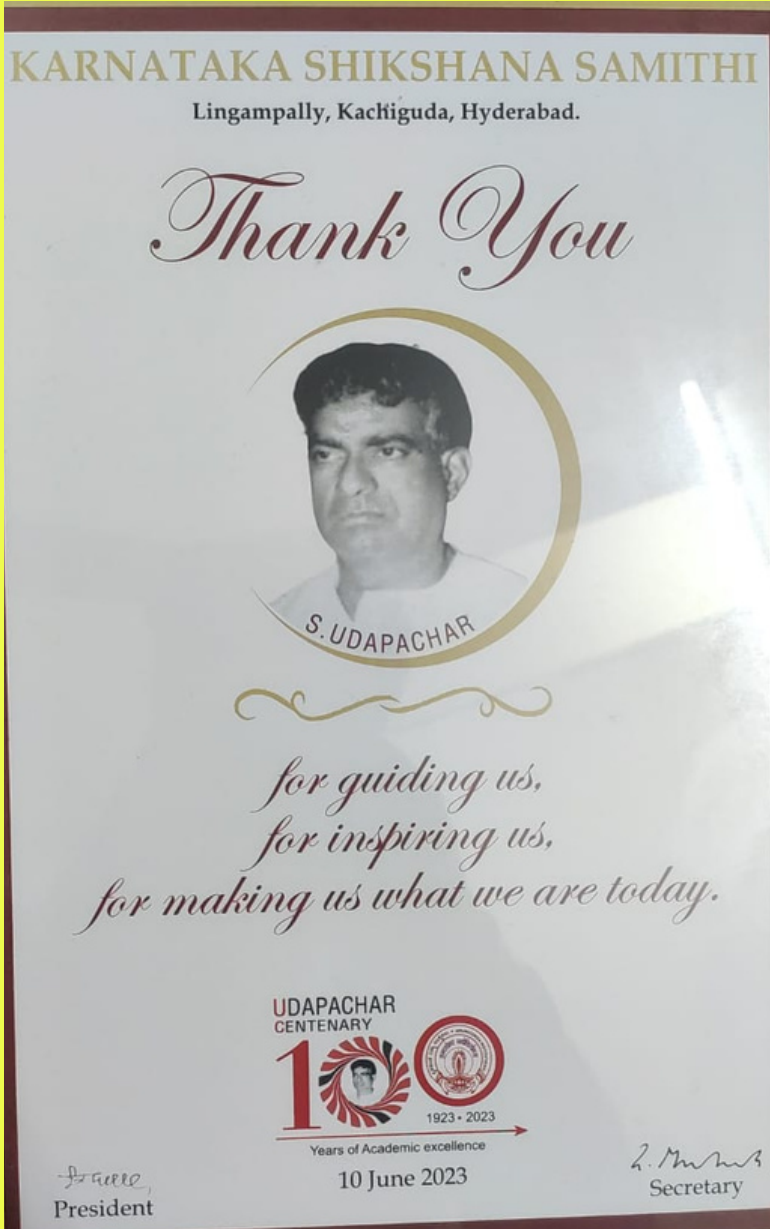
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M.KUSHULU
20K81A05G0
CSE-III C

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STUDENT ACHIVEMENTS



A. GIRIDHAR RAO
21K81A05K9
CSE - II D



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CREATIVE CORNER

The Transformation of Student Mindset

~ G.Tagore Monish

I strongly believe The following verse of Bhagavad Gita : Chapter 6- Verse 15

thus, constantly keeping the mind absorbed in Me, the yogi of disciplined mind attains nirvān, and abides in Me in supreme peace."

Here the verse states that- A disciplined mind is the key for connecting to the supreme one and finding liberation from materialistic bondage, so one must utilize its full potential for achieving anything in life.

Modernization has brought us to such an extent where humans are just not thinking rationally but just being manipulated by the necessity of money. This enslavement is acting like a mousetrap and killing the desire to be independent and also draining your creativity. We ourselves are closing the doors for our freedom by trading time for chunks of money, while we possess the capability to outshine others in some or the other way. With the increased inventions in daily life which are making our lives easier we humans are forgetting the authenticity of hard work and its oriented result which can only be achieved if you're determined enough to put in all the effort constantly, which creates your discipline and this cycle of not giving up each day will eventually add up to a bigger result

The intent of writing this article is to spark the mind of the reader with the essence of traditional discipline and cultural values

Ultimately, its your mindset coupled with the attitude you have towards life and most importantly the amount of resistance you can withstand while being in action that decides the overall linearity of your success.



G. TAGORE MONISH
21K81A0526
CSE - II A



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CREATIVE CORNER



MUNUKUTLA V R ANUSHA
21K81A05H4
CSE - II C



your father is the only person ,who wants to be more successful than him.

wish you happy fathetr's day

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CREATIVE CORNER

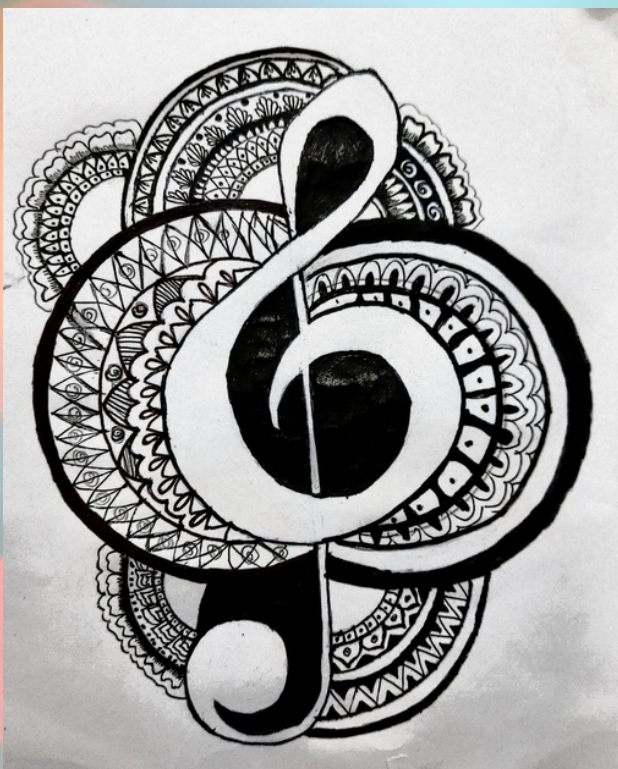
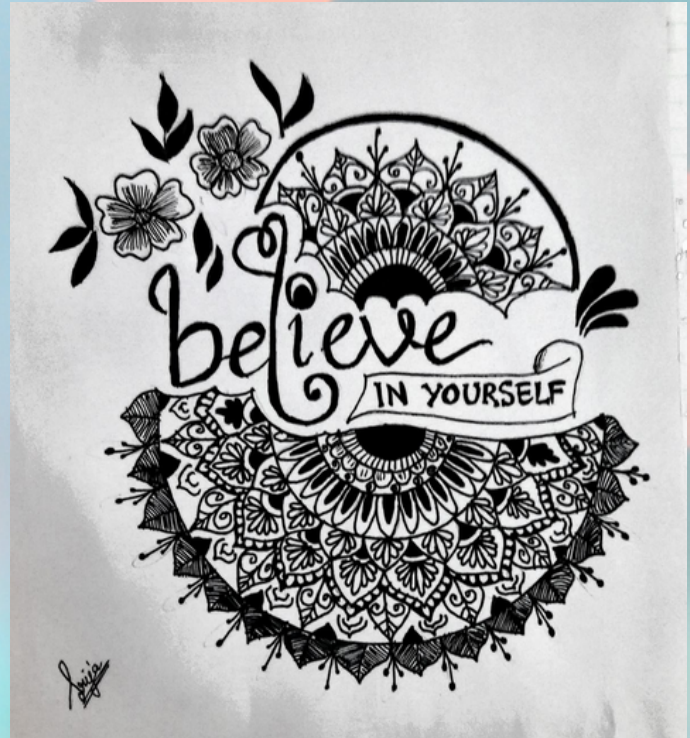


SRIJA NALLAPATI
21K81A05H5
CSE-II C



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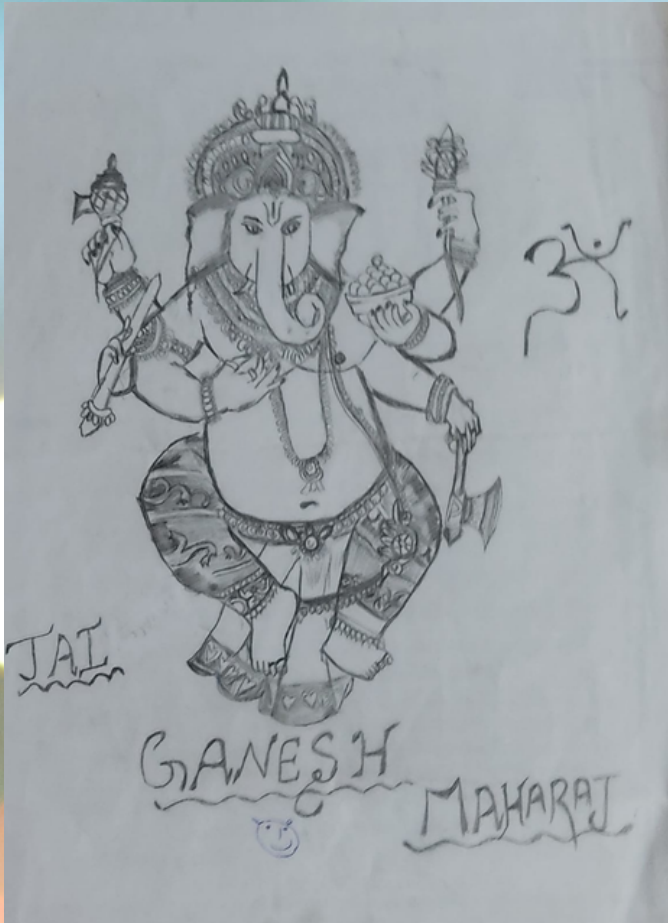
CREATIVE CORNER



SRIJA NALLAPATI
21K81A05H5
CSE-II C

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CREATIVE CORNER



REPAKA JYOTHI NANDHAN
21KB1A05
CSE-II A

CONFIGURATION NEWSLETTER

CREATIVE CORNER

స్నేహ బంధం

ప్రపంచాన్ని ఒకటిగా చేసి
 ప్రతి ఒక్కరిని పలకరించేది
 పేద, ధనిక బీదలు లేని పెద్ద బంధం.....
 కులమత తేడాలు లేని బంధుత్వం.....
 మనసులో మృత్యు.....
 మట్టిలో కలిసి వరకు
 కాలాలు మారినా కష్టాలు పలకరించినా
 కలకాలం కలిసుండిలా చేసేది స్నేహం
 అనుక్షణం నీ ఆనందం కోరేది స్నేహం
 ప్రతిక్షణం నీ తోడుండేది నేనెం
 పరులు బంధం..... ప్రేమ నిండేనా హృదయం
 వరగాని చిరు శ్లోచుకాల మజ్జాహం
 నిన్ను గలిపేవే ఒ చిరునవ్వు
 చక్కటి నేనెం ఒకటంటే విజయం నీది అవ్వు
 అన్ని బంధాల కన్నా స్నేహ బంధం చాలా గొప్పది
 మరిచే స్నేహం చేయకు - చేసిన స్నేహం మరువకు

-కిరణ్



A . KIRAN KUMAR,
 20K81A0562
 CSE-3B

CONFIGURATION NEWSLETTER

ACTIVITIES CORNER

LIST OF ACTIVITIES

**INTERNATIONAL
CONFERENCE- ICIRTC5-23**

INDUSTRIAL VISITS

CLUB ACTIVITY

CONFIGURATION NEWSLETTER

INTERNATIONAL CONFERENCE- ICIRTCS-23

Two-Day online National Level Seminar on “Recent Trends in Artificial Intelligence and its Applications ”
An online seminar on “Recent Trends in Computer Science” was hosted by the Department of Computer Science and Engineering aiming to provide a common platform to all the leading Academic Scientists, Researchers, Professors and Students to exchange ideas and share their innovative views in the latest technologies in different areas like Artificial Intelligence, Machine Learning, Block Chain Technology. This seminar extended an inter disciplinary platform for Academicians, Researchers and other experts from various fields to discuss their novel ideas, thoughts and challenges encountered, solutions to be adopted in the emerging areas of Engineering and Technology.



CONFIGURATION NEWSLETTER

INTERNATIONAL CONFERENCE- ICIRTCS-23



UGC AUTONOMOUS

St. MARTIN'S Engineering College

UGC AUTONOMOUS



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ACCREDITED BY NBA & NAAC A+, ISO 9001:2008 CERTIFIED
SIRO RECOGNITION BY MINISTRY OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA.
Dhulapally, Near Kompally, Secunderabad - 500 100, T.S. www.smec.ac.in



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National
ranking
by
ARIIA

10608
Research
papers

594
crores
funding
received

Ranked
2nd
by
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Success Review

108
MOUs

228
patents

Department of *Computer Science Engineering* Presents
International conference on

**"Innovations and Recent Trends in
Computer Science"** on 24th & 25th February 2023

ISBN:
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Dr.P.Santosh Kumar Patra

(ICIRTCS-23)

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ESTABLISHED 2002

International Conference on "Innovations and Recent Trends in Computer Science"

CONFIGURATION NEWSLETTER

INTERNATIONAL CONFERENCE- ICIRTCS-23

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A Non-Minority College | Approved by AICTE | Affiliated to JNTUH, Hyderabad | NAAC- Accredited 'A+' Grade | 2(F) & 12(B) status (UGC) ISO 9001:2008 Certified | NBA Accredited | SIRO (DSIR) | UGC-Paramarsh | Recognized Remote Center of IIT, Bombay | Dhulapally, Secunderabad - 500100

INVITATION

We cordially invite you to the Inauguration of
"INTERNATIONAL CONFERENCE OF SIX DEPARTMENTS"
 On 24th February 2023 at 10:00 AM (Friday).

Patron & Program Chair
 Dr. P. Santosh Kumar Patra, Principal

Convener
 Dr. Sanjay Kumar Suman
 Professor & Dean R&D

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INVITATION

We cordially invite you to the Valedictory of
"INTERNATIONAL CONFERENCE OF SIX DEPARTMENTS"
"-ICIRTCS", "-ICRICEIT", "-ICSMEC", "-ICAEET", "-ICFRAME", "-ICRTCE"
 On 25th February 2023 at 02:30 PM (Saturday).

Patron & Program Chair
 Dr. P. Santosh Kumar Patra, Principal and Group Director

Valedictory Delegates

Convener

TEAM HDC



CONFIGURATION NEWSLETTER

INDUSTRIAL VISITS

The Department of Computer Science and Engineering has organized an industrial visit on 12th & 13th June 2023 to National Remote Sensing Centre (NRSC), Jedimetla Campus, Hyderabad for the II-year B.Tech students. The visit was organized with prior permission and guidance of our beloved principal, Dr. P. Santosh Kumar Patra Sir and The HOD, Dr. R. Santhosh Kumar. Dr. G. JawaharlalNehru is the coordinator and Dr. G. JawaharlalNehru, Mr.G. Kishore, Mr. N. Balaraman, Mrs. K. Sucharitha, Mrs. P. Swetha were Co-organizers of this industrial visit. Students have attended the training sessions. Students have gained the knowledge about machine learning and deep learning models, NLP, embedded systems, cloud computing, IOT related topics are discussed in the training sessions.



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INDUSTRIAL VISITS



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INDUSTRIAL VISITS



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INDUSTRIAL VISITS



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CLUB ACTIVITY

Club activities assist students in developing leadership and team-building abilities. Students are connected to a platform where they may exchange information, raise awareness, and get recognition through SMEC. The goal of Club activities is to quench the corporate thirst by upgrading students' knowledge on current trends and technology. The department of Computer Science and Engineering offers a variety of groups that go beyond academic pursuits are

- **Programming Club**
- **IoT Club**
- **Cyber Security Club**
- **Web Designing Club**
- **Innovative Club**



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TAM V.9.0

TAM abbreviated as “Technology Awareness Month” is the staple of the students of St. Martin’s Engineering College. A month delineated to enlighten the encephalons, the overall development trait and the enhancement of the students.

TAM EVENTS

- Cyber Security Workshop
- Non Technical Talk Show
- React JS workshop
- Entertainment Quiz
- Youth Parliament
- Group Discussion
- Technical Talk Show
- Codevita Quiz



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NCC GIRLS WING

SMEC has NATIONAL CADET CORPS (NCC) girls wing to foster the spirit of teamwork and management, which leads to the development of student personality. Our department students cadets are Ms.Pragati Prashant, Mr.S. Rakshitha, Mr. C. Shravya, Ms. V. Sai Chaitanya, Ms. V. Uditha, Ms.Athira krishna kumar in the team of the NCC girl wing. The students have participated in different parades and trained in foot drill command, weapon training, field craft,civil defense, map reading etc.



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NCC BOYS WING

SMEC has NATIONAL CADET CORPS (NCC) boys wing to foster the spirit of teamwork and management, which leads to the development of student personality. The gathering was addressed by Deputy Director General, Air Commander P Maheshwar, VM(G).Mrs. Madhavi Jalasuthram, a motivational speaker and an Alumni, addressed the gathering and shared her experiences as an NCC cadet. Most of the Ex- Cadets have been separated from NCC by their professions and decisions but re-connected with each other due to this event.



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SPORTS

Sports are the integral part of student life in SMEC. Our department have participated in many sports events like Football, Cricket and Athletics all over nation. Our students Mr. Vedant Rajput, Mr. Abdul sami and Mr.Rasul has participated in the National Football competition in October 2022. The following are some achievements of the students from various sport events.



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CELEBRATIONS REPUBLIC DAY

The 74th Republic Day was celebrated with lots of patriotism and happiness by the Management, Staff and Students of SMEC. The national flag was hoisted by the Chairman Sri M Laxman Reddy Garu, The Executive Director Sri G. Chandra Sekhar Yadav Garu and Group Director and Principal Dr. P. Santosh Kumar Patra were also present during the flag hoisting. All the staff attended the flag hoisting with a deep sense of respect and national feeling.



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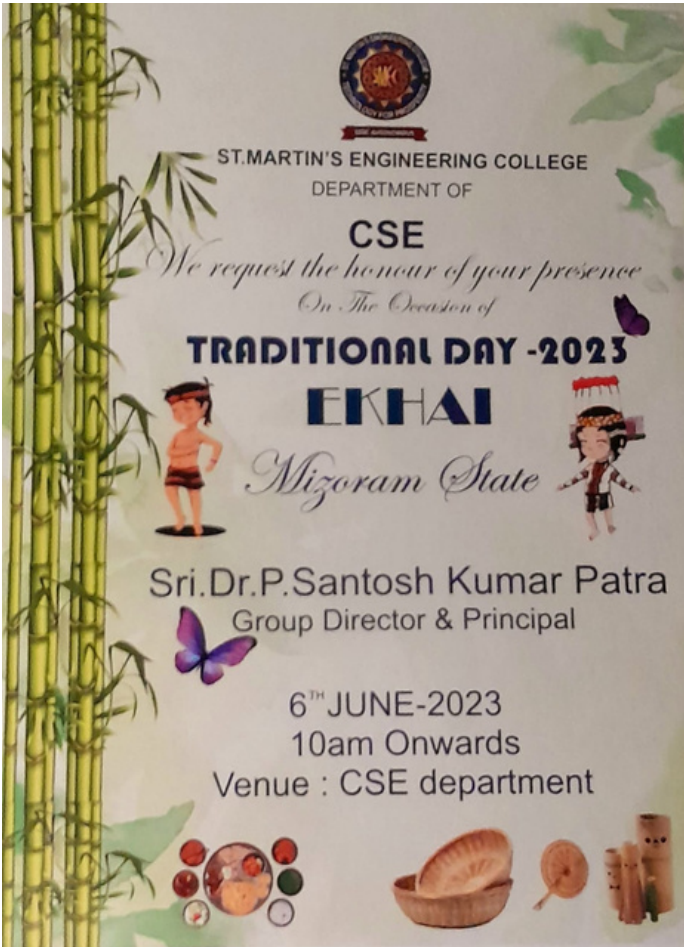
CELEBRATIONS TRADITIONAL DAY

St. Martin's Engineering College Celebrated Traditional Day on 06.06.2023 with lot of fun and frolic. Branches were allotted different states of India like Mizoram. The students came dressed in colorful traditional attire. They displayed the traditional dress and dances of the states allotted to them. All in all the students and staff enthusiastically participated in the event and enjoyed thoroughly. All the branches were visited and well appreciated by chairman Sri M. Laxman Reddy, Executive Director Sri G. Chandrasekhar Yadav and Group Director Dr. P. Santhosh Kumar Patra



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CELEBRATIONS TRADITIONAL DAY




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CELEBRATIONS TRADITIONAL DAY




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CELEBRATIONS YOGA DAY




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9th INTERNATIONAL DAY OF YOGA
Vasudhaiv Kutumbakam
Organized by : NSS UNIT, St.MARTIN'S

 21st June 2023 |  7:00 AM onwards

 Open Auditorium

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CELEBRATIONS YOGA DAY



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CELEBRATIONS WOMEN'S DAY

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IN ASSOCIATION WITH IIC 5.0
Organising

International Women's Day Celebrations - 10th March 2023

10th MAR, 2023
Time: 2:00 - 4:00 PM
Venue: APJ Abdul Kalam Block Auditorium

Women's Day
CELEBRATIONS

St.Martin's Engineering College Womens Day Celebrations was hosted on 10th March 2023. On this occasion Sri.M.Laxman Reddy (Chairman), wished and praised all the women for all the responsibilities they handle. Sri. G. Chandrasekhar Yadav (Executive Director), wished everyone on this very special day of Women. Dr. P.Santosh Kumar Patra (Principal, SMEC) addressed the gathering by wishing Everyone on this Occasion, expressed his joy and asked all the women staff to overcome all the challenges and difficulties, balance life, groom up, be self motivative and flourish in society. In this event Sri G.Jai Kisan Yadav Garu, (Director) and Sri G.Rajsekhar Yadav Garu, (Director) also participated.

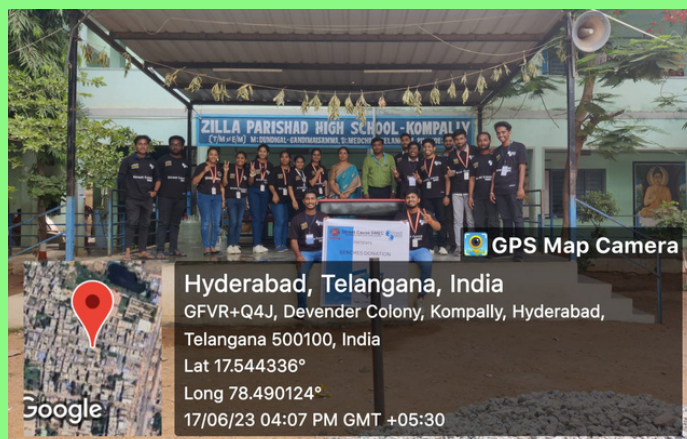
After the program gifts were distributed to all women Teaching, Non Teaching and House Keeping staff members. To entertain the participants Interesting, exciting activities, Dance performances and recreational games were conducted for staff. Throughout the games the participants held on to their seats and enjoyed the joys and pleasures. It was a pleasurable party. The prizes were given to the winners of various games.

Faculty members expressed their happiness, fulfillment and gratitude to the Management and Principal for organizing such a wonderful event.

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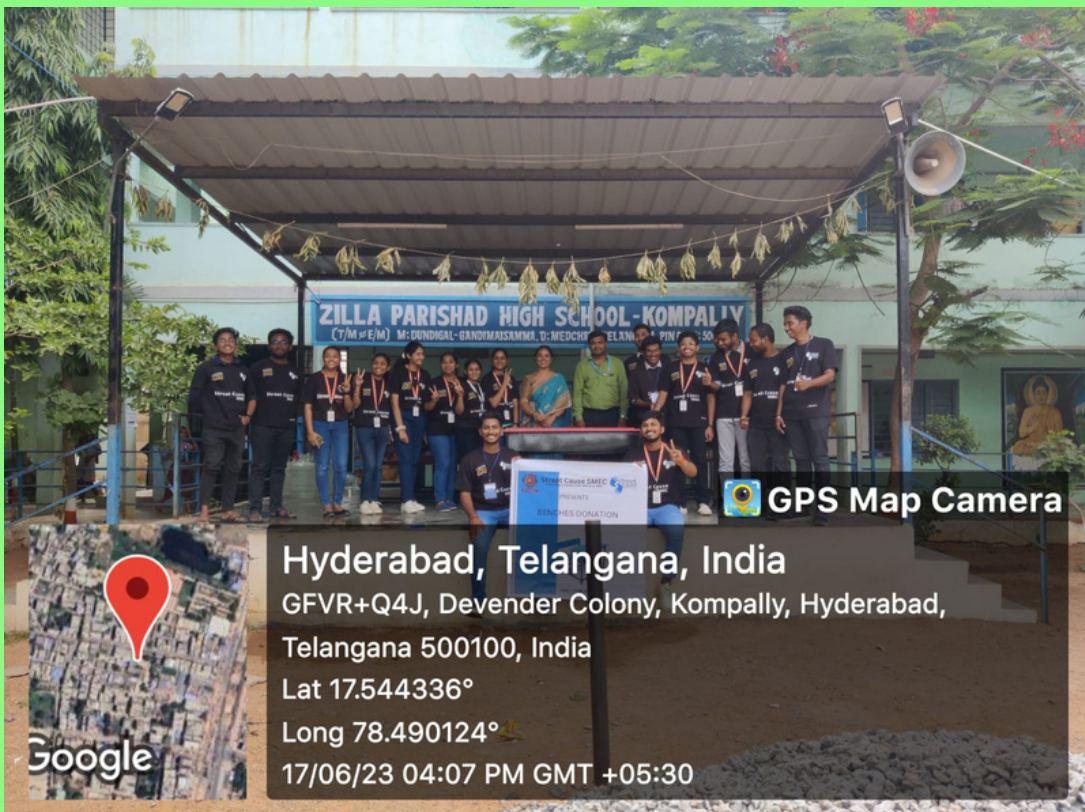
STREET CAUSE

STREET CAUSE SMEC has conducted an amazing various activity which was happend never before in the college premises. It was a huge success where all the members of street cause SMEC had put all their huge efforts to make the all event successful. **MEGHANA - PRESIDENT** of street cause smec from CSE dept and **KRISHNA TEJA - associate Vice President** has taken a main role from CSE deparment. Every cordinator from CSE department have explored their talents in every aspect.



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STREET CAUSE



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DEPARTMENT GALLERY



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DEPARTMENT GALLERY



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NEWSLETTER

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