



St. MARTIN'S ENGINEERING COLLEGE UGG AUTONOMOUS

Dhulapally, Secunderabad , Telangana - 500 100

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ASSERTION NEWS LETTER

Department of
**ARTIFICIAL INTELLIGENCE
AND DATA SCIENCE (AI&DS)**

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ASSERTION NEWSLETTER

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ABOUT THE COLLEGE



St. Martin's Engineering College (SMEG) was established in 2002 by St. Martin's Children's Education Society. SMEG offers 10 B.Tech Courses. Such as B.Tech in GSE (240), Artificial Intelligence and Data Science (180), GSE- AI & ML (180), Computer Science and Design (60), Artificial Intelligence and Machine Learning (60), IT (180), EGE (210), EEE (30), MECHANICAL (30), CIVIL (30) with an intake of 1200 (UG) students per year. SMEG is a prestigious Autonomous (UGC-Govt of India) engineering college and first choice by aspiring students and parents. Since inception, SMEG with a motto of providing Quality Education in a highly disciplined and conducive environment with International Standards. It is a beautiful, unique & ineffable place which exudes positive energy, spiritual epiphany, sense of serendipity and produces intellectual, cultural, social giants & academic leaders.

SMEG is awarded with prestigious grade A+ only 27 colleges in India, awarded A+ grade by NAAC, NIRF ranked, National ranking by ARIIA, 2(f) & 12(B) Recognized by UGC Act of 1956. All courses are NBA accredited, Permanently Affiliated to JNTUH, Approved by AICTE, only young college in Telangana to receive UGC-Paramarsh, ISO certified, DSIR Recognition, J-Hub certified (JNTUH), TASK certified (Govt of Telangana), Part of Institute Innovation Council (MHRD-Govt of India), Remote center of IIT Bombay, Member of GII and MSME certified Institution, Signed more than 108 MoUs with major companies' and institutions, Careers 360 Certified as AAA+, Competition Success Review Ranked in top 3, and Wikipedia Ranked 2nd in Telangana.



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ABOUT THE COLLEGE

SMEG is bestowed with the glorious Governor Award Thrice: The Engineering Educators' Award : NIRDPR Award (Govt. of India): IDF Best Partner Award: Dewang Mehta Award: TGS ION Award: GSI Award (Students Chapter): Best Innovation by Federation of Gujarat Industries. Street Cause-Most Dedicated Division. Best college award from Education Matter. Best College in sports facility and achievement by Stumagz. Telangana. National Leadership Excellence Award by IGGI. Best Engineering College by American College of Dubai. Dubai. Rs. 21.46 Lakhs received from SERB. Government of India. Consultancy project worth of Rs. 594 Crores received from GHMG - Hyderabad. Government of Telangana. Only college to receive Consultancy work worth of 150 Crores from HMWSSB. Hyderabad. Government of Telangana. Recently. Rs.25 lakhs funding was also received from AIGTE. Adding feather in the cap. now SMEG students started receiving international awards and funding (4000 USD) from George Mason University Virginia. USA for our best start up. Rs.13 crores funding received from MSME. Govt. of India.



The remarkable achievement by the faculty members of the college is that they have published 270+ books. 12886+ research papers. 288+ patents. 108+ copyrights and 50,000+ 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. SMEG has a strong vision of offering world class training to the promising engineers and Management professionals. SMEG is situated in an eco-friendly environment. the college has the best infrastructure. 100% ragging free campus.

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ABOUT DEPARTMENT

Artificial Intelligence and Data Science(AI & DS) is one of the most popular and demanded courses in today's era all. It is strongly recommended by AICTE and JNTUH as one of the finest courses for the future. Data is a Precious Thing and will Last Longer than the Systems themselves. In the next 10 years. Data Science and Software will do more for Medicines than all of the Biological Sciences together. Data Science makes use of several statistical procedures. These procedures range from data transformations, data modeling, statistical operations (descriptive and inferential statistics) and machine learning modeling. Statistics is the primary asset of every Data Scientist. This course gives an opportunity to become a Data Scientist.

The current era is an era of Combination of Computer Science and Engineering, Artificial Intelligence and Data Science. Can be widely used across in all the sectors of the human community. Today, India has become a hot destination for the IT industry due to the availability of skilled and talented manpower. Because of increasing demand for AI & Data Science professionals, now Artificial Intelligence & Data Science has become the most preferred career option all over the world. Department AI & Data Science was established in the year 2021 with an intake of 180 Capacity.

Student's chapters of professional societies like TAM, GSI, & ISTE, which aim at tapping the inner abilities and showcase their talents. Various social services through NSS, GLUBS, and ISR for holistic development of our students. We encourage student to improve Self-Learning skills, by providing round the clock on-line Resources from various sources like NPTEL, MOOGS, SWAYAM, OPAC, IEEE, SPRINGER, J-GATE etc. Students will be benefited to update their skills and they become a Global leader with latest technologies. The department has collaboration with various industries offering credit courses, conducting workshops & faculty development programs, offering internships, projects and placements etc. Students are sent on industrial visits to companies and they also undergo in-plant training at top level industries as well.

The department aims at working on consultancy based projects from industry. The department strives to build a highly motivated R&D team in collaboration with some of the top research based organizations. The research could be implemented as fund based projects from government/ private industry. The department has tied up with professional bodies like IEEE, GSI, ISTE and built professional student chapters. Students are eligible to obtain successful placements at leading companies like Infosys, Wipro, Cognizant, TCS, IBM, Microsoft, Oracle, Tech Mahindra etc.





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DEPARTMENT VISSION

- To engender globally competent professionals contributing for the sustainable growth of the industry and society through their innovative ideas in the field of Artificial Intelligence and Data Science.

DEPARTMENT MISSION

- M1: To impart state-of-art value based education to the students and inculcate the creative talents to achieve the excellence.
- M2: To collaborate with industries and research organizations to meet the pressing demands of the nation.
- M3: To empower the students to become leaders and trend setters in their profession



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Message from Group Director



Dr. P. SANTOSH KUMAR PATRA

Dear all,

Greetings from St. Martin's Engineering College !

It is my pleasure to present the newsletter of Artificial Intelligence and Data Science (AI&DS) department for the academic year 2024-2025. It is a matter of great pride and satisfaction for 'ST. MARTIN'S ENGINEERING COLLEGE (AUTONOMOUS)' to bring out the newsletter 'ASSERTION' released from the Department of Artificial Intelligence and Data Science. The college has made a tremendous progress in all areas such as 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. K.Sampath, HOD/AI&DS 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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Message from Principal



Dr. M. SRINIVAS RAO

As we embark on a new year filled with promise and potential, I extend a warm welcome to each of you by our Newsletter - "ASSERTION". The Department of Artificial Intelligence and Data Science(AI&Ds) journey towards excellence in education continues. I am thrilled to witness the dedication and enthusiasm that our students, staff, and parents bring to our learning community. As we navigate the challenges and celebrate the triumphs ahead, let us remain steadfast in our commitment to fostering a nurturing and innovative environment where every individual can thrive. Let's embrace the opportunities for growth, collaboration, and success this year holds. Thank you for your unwavering support, and I look forward to another year of inspiring achievements.

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MESSAGE FROM HOD



Dr. K.Sampath
Professor & HOD

It gives me great pleasure to congratulate students, faculty members of artificial Intelligence and Data Science (AI&DS) department for the first publication of newsletter. Newsletter is believed to be a focus of the inside activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. In the era of engineering and technology this newsletter will motivate the teachers and students of sharing their creativity and new ideas with the world and will help in their overall development. St. Martin's Engineering College is one of the Top autonomous institutions in Secunderabd, helping students to realize their dreams and to become valuable assets to the nation. The Department is committed to academic excellence in the fields of Computer Science, Artificial Intelligence and Data Science, leading to develop students through academia and industry linkages. The Department of AI&DS started its journey of UG program B.Tech (AI&DS) in the year 2021 with an intake of 60 now intake was increased to 180.

The department has a team of well qualified, experienced and motivated faculty members to prepare the young minds of our students for global competition. The Department has a team of good experienced and motivated academicians whose expertise spans the range of disciplines in Computer Science stream. There is a healthy work-culture and the students are eager to coup with the changes and demands of the Industry and Society. Faculty/students take initiative for social causes at individual level and as a team under different banners/clubs of the Institute. Turning a student in to a good and proficient citizen is the prime aim of the department. On behalf of the administration, AI&DS Department welcomes the students and wish them bright journey of learning in the field of Data Science. I wish best of luck for all the team members for publication of newsletter.

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NEWSLETTER

FACULTY MESSAGE



Dr. B. Rajalingam

Associate Professor & HOD
Department of GSE(DS)

I am very glad to inform you that the department of AI&DS is publishing a News Letter for this Academic year. As a part of education, AI&DS dept. always takes the initiative to take forward steps for the improvement of knowledge among the students. The department always gives importance to the practical and hands-on practice of engineering knowledge. Also promote the students for stage performance to display their knowledge from mediums like paper presentations, project competitions, quiz competitions, workshops, exhibitions, etc. We are trying to display this news in this letter. Thank you.

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FACULTY ACHEIVEMENTS



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Certificate of Recognition

awarded to

Dr. B. Rajalingam

Associate Professor & HOD

Department of Artificial Intelligence and Data Science
St. Martin's Engineering College,
Secunderabad.

in recognition of an outstanding contribution as an **Editor** for the edited book titled **Healthcare Applications in Computer Vision and Deep Learning Techniques, IIP Series**
ISBN: 978-93-5747-973-8
Publication Date : 30-March-2024

Nanjesh Benur
Nanjesh Benur
Director, IIP Series



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Prof. Andrew Thangaraj

Chair
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This certificate is awarded to

Dr./Mr./Mrs./Ms. Dr. Rajalingam B

is recognized for valuable contributions as a **Paper Reviewer** for ICRTAC'24, held on 14 & 15 November 2024, organized by the School of Computer Science and Engineering, Vellore Institute of Technology, Chennai. Your dedication has been instrumental in upholding the conference's high academic standards.

Sandhya P

Dr. Sandhya P
Conference Chair

Rama Parvathy L

Dr. Rama Parvathy L
Conference Chair

Ganesan R

Dr. Ganesan R
General Chair & Dean

Dr. T. Thyagarajan

Dr. T. Thyagarajan
Pro-Vice Chancellor

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LIST OF PATENTS

S.No.	Name of the Inventor	Patent Number	Title of the Patent
1.	Dr. B. Rajalingam	202441009550 A	Advanced System For Housing Price Predication Using Linear Regression
2.	Dr. B. Rajalingam	202441011986 A	Advanced Model For Prediction Of Emergency Patient Admission Based On Data Mining
3.	Dr. B. Rajalingam	202441011997 A	Advanced Filtering system For Instagram Hash tags Through Crowd Tagging And Hits Algorithm
4.	Dr. C. Krubakaran	202441068329 A	AI Based Automated System for Prediction of Genetic Diseases Using Pupillometry
5.	Dr. C. Krubakaran	202441068335 A	An Innovative System For Enhancing The Performance Of Smart Surveillance Camera Using Improved Cnn Techniques
6.	Mr. P. Krishna Reddy	202441080851 A	Unveiling The Power Of Extreme Learning Machine: Combatting Spam And Identifying Fake Users On Twitter
7.	Mr. P. Krishna Reddy	202441080855 A	Xgboost Model Based Alpha Signal Prediction Using Microblogging Data From Social Media
8.	Mr. Veer Sudheer Goud	202441080860 A	An Advanced System For Real-Time Contactless Vital Sign Estimation
9.	Mr. N.Mahboob Subani	202441080857 A	Detecting and Classifying Malicious Uniform Resource Locations Using Advanced Machine Learning
10.	Ms. Ch. Divya	202441080851 A	Unveiling The Power Of Extreme Learning Machine: Combatting Spam And Identifying Fake Users On Twitter
11.	Ms. Ch. Divya	202441080855 A	Xgboost Model Based Alpha Signal Prediction Using Microblogging Data From Social Media
12.	Mr. R. Rajeswaran	202441080860 A	An Advanced System For Real-Time Contactless Vital Sign Estimation
13.	Mr. R. Rajeswaran	202441068329 A	AI Based Automated System for Prediction of Genetic Diseases Using Pupillometry
14.	Mr. Sesham Yellappa	202441080855 A	Xgboost Model Based Alpha Signal Prediction Using Microblogging Data From Social Media
15.	Mr. Sesham Yellappa	202441068335 A	An Innovative System For Enhancing The Performance Of Smart Surveillance Camera Using Improved Cnn Techniques
16.	Mr. Y. Peer Mohideen	202441080851 A	Unveiling The Power Of Extreme Learning Machine: Combatting Spam And Identifying Fake Users On Twitter
17.	Mr. Y. Peer Mohideen	202441080860 A	An Advanced System For Real-Time Contactless Vital Sign Estimation
18.	Ms. D. Madhuri	202441080851 A	Unveiling The Power Of Extreme Learning Machine: Combatting Spam And Identifying Fake Users On Twitter
19.	Ms. D. Madhuri	202441080860 A	An Advanced System For Real-Time Contactless Vital Sign Estimation
20.	Mr. V.Visnuvardhan	202441080851 A	Unveiling The Power Of Extreme Learning Machine: Combatting Spam And Identifying Fake Users On Twitter
21.	Mr. V.Visnuvardhan	202441080860 A	An Advanced System For Real-Time Contactless Vital Sign Estimation

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PATENTS



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 10/09/2024

(21) Application No. 202441068335 A

(43) Publication Date : 20/09/2024

(54) Title of the invention : AN INNOVATIVE SYSTEM FOR ENHANCING THE PERFORMANCE OF SMART SURVEILLANCE CAMERA USING IMPROVED CNN TECHNIQUES

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(51) International classification :A61K0031411800, A61P0043000000, C07D0403120000,
 A61M0039100000, A61P0090940000
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(57) Abstract :
 Abnormal activity detection is crucial in surveillance. Auto-capture video of abnormal human behavior without system intervention. Human fall detection, sudden jumping down, is important for safety and security. We propose using the Probabilistic Neural Network (PNN) method to classify roadside human activities or behavior between training dataset and testing videos. Multi-PNNs also learned normal activity class partitions. Human activity recognition is a smart surveillance trend that requires effective detection of massive video data streams with low computational complexity. The current convolutional neural network (CNN) model with computationally complex classifiers makes it difficult to detect abnormal activity quickly, so this paper proposes a framework. We first use an effective CNN model to detect abnormal human activity in the surveillance stream. The detected individual is tracked using a fast object tracker called 'minimum output sum of squared error' (MOSSE). Pyramidal convolutional features are extracted from two consecutive frames using the efficient LiteFlowNet CNN. Finally, for activity recognition and detection, a novel deep skip connection gated recurrent unit learns temporal changes in frame sequences. Final results demonstrate the technique's efficacy.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 10/09/2024

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(43) Publication Date : 20/09/2024

(54) Title of the invention : AI BASED AUTOMATED SYSTEM FOR PREDICTION OF GENETIC DISEASES USING PUPILLOMETRY

(51) International classification :A61P0031040000, A61P0009000000, H02K0021240000,
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(57) Abstract :
 Children with inherited retinal diseases have severe vision loss. These outer and inner retina diseases often cause childhood blindness. The wide range of clinical and genetic causes (over 200 genes) makes this illness difficult to diagnose. It uses a complex pattern of clinical tests, including invasive ones, that are not always appropriate for infants and young children. A different approach using Chromatic Pupilometry, a growing technique for outer and inner retina function is needed. This paper introduces a machine learning-based Clinical Decision Support System (CDSS) using Chromatic Pupilometry to diagnose inherited retinal diseases in children. A dedicated medical equipment (pupillometry) is used with a custom machine learning decision support system. Pupilometric data features are classified by two SVMs, one for each eye. Pediatric Retinitis Pigmentosa is diagnosed using the CDSS. Using two SVMs in an ensemble model, the system achieved 0.846 accuracy, 0.937 sensitivity, and 0.786 specificity. This is the first study to diagnose a pediatric genetic disease using machine learning and pupillometric data.

No. of Pages : 12 No. of Claims : 5

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PATENTS



(12) PATENT APPLICATION PUBLICATION		(21) Application No 202441080860 A
(19) INDIA		
(22) Date of filing of Application :24/10/2024		(43) Publication Date : 01/11/2024
(54) Title of the invention : AN ADVANCED SYSTEM FOR REAL-TIME CONTACTLESS VITAL SIGN ESTIMATION		
(71) Name of Applicant :		<p>1)Dr N Krishnaiah Professor, IIOD Dept. of IT, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>2)Dr. B Laxmi Kantha Associate Professor, Dept of IT, SMEC</p> <p>3)Peer Mohammad Assistant Professor, SMEC</p> <p>4)Ch. Siva Subrahmanyam Assistant Professor, SRKR</p> <p>5)D Madhuri Assistant Professor, SMEC</p> <p>6)Rajeshwaran Assistant Professor, SMEC</p> <p>7)Visnu Vardhan Assistant Professor, SMEC</p> <p>8)Y Sudheer Goud Assistant Professor, SMEC</p>
(51) International classification		Name of Applicant : NA Address of Applicant : NA
(86) International Application No		(72) Name of Inventor :
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(61) Patent of Addition to Application Number		
(62) Divisional to Application Number		
(57) Abstract :		
<p>In recent decades, measuring vital signs has been a popular topic for many techniques. The system for monitoring vital signs benefits humans in many aspects, so patient health care and disease prevention for elderly people. As important vital signs, the heart rate and breathing rate, which is also called respiration rate (RR), been attracting increasing attention and many methods for heart rate (HR) and breath rate (BR) detection have been proposed. The methods for measuring the HR and BR can mainly be divided into contact methods and non-contact methods. Contact methods, as the traditional techniques, are the most widely used measurement methods for signs because of their high accuracy. Most contact methods rely on Electrocardiography (ECG) or Photo plethysmo graphy (PPG). As the most popular way, an ECG signal containing a considerable amount of useful information on vital signs is obtained by placing adhesive gel electrodes on a person's chest or limb. PPG is an optical technique that can be used to detect variations in Blood Volume Pulse (BVP) (i.e., changes in the detected light intensity) in the micro vasculature of tissue. Meanwhile, the changes of the BVP contain useful information on the cardiovascular system, which could estimate the HR and BR. A PPG sensor is also placed on the fingertip to effectively monitor the variations of the blood flow, because transmitted light can be easily detected. Therefore, PPG has been one of the most contact-based method in recent years. However, these contact methods may cause discomfort and inconvenience for users because users usually need to wear or touch devices, which require skin-contact. Therefore, this patent proposes a real-time method based on PPG for the contactless estimation of HR and BR.</p>		
No. of Pages : 11 No. of Claims : 4		

PATENT APPLICATION PUBLICATION		(21) Application No.202441080851 A
INDIA		
Date of filing of Application :24/10/2024		(43) Publication Date : 01/11/2024
(54) Title of the invention : UNVEILING THE POWER OF EXTREME LEARNING MACHINE: COMBATTING SPAM AND IDENTIFYING FAKE USERS ON TWITTER		
(71) Name of Applicant :		<p>1)Ch. Divya Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>2)K Neelima Assistant Professor, SMEC</p> <p>3)D Madhuri Assistant Professor, SMEC</p> <p>4)M Ramesh Assistant Professor, SMEC</p> <p>5)Sonnath Parmeshwar Tandale Assistant Professor, Dept. of CSE, RAIT</p> <p>6)Peer Mohammad Assistant Professor, SMEC</p> <p>7)Visnu Vardhan Assistant Professor, SMEC</p> <p>8)Krishna Reddy Assistant Professor, SMEC</p>
(51) International classification		Name of Applicant : NA Address of Applicant : NA
(86) International Application No		(72) Name of Inventor :
(87) International Publication No		<p>1)Ch. Divya Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>2)K Neelima Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>3)D Madhuri Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>4)M Ramesh Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>5)Sonnath Parmeshwar Tandale Assistant Professor, Dept. of CSE, RAIT Address of Applicant :Ramrao Adik Institute of Technology, Nerul Navi, Mumbai, Maharashtra, 400706 -----</p> <p>6)Peer Mohammad Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>7)Visnu Vardhan Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p> <p>8)Krishna Reddy Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----</p>
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number		
(57) Abstract :		
<p>social networking sites engage millions of users around the world. The users' interactions with these social sites, such as Twitter and Face book have a tremendous impact and occasionally undesirable repercussions for daily life. The prominent social networking sites have turned into a target platform for the spammers to disperse amount of irrelevant and deleterious information. Twitter, for example, has become one of the most extravagantly used platforms of all times and therefore allow unreasonable amount of spam. Fake users send undesired tweets to users to promote services or websites that not only affect legitimate users but also disrupt their consumption. Moreover, the possibility of expanding invalid information to users through fake identities has increased those results in the unravelling of harmful content. Recently, the detection of spammers and identification of fake users on Twitter has become a common area of research in contemporary online social networks. This work proposes the detection of spammers and fake user identification on Twitter data using extreme learning machine (ELM) and compared the obtained results with various machine learning algorithms like random forest, naevi bayes and support vector machine. Moreover, taxonomy of the Twitter spam detection techniques is presented that classifies the techniques based on their ability to detect: (i) fake content, (ii) spam based on URL, (iii) spam in trending topics, and (iv) fake users. The presented techniques are also compared based on various features, such as user features, content features, graph features, structure features, and time features.</p>		
No. of Pages : 11 No. of Claims : 4		

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PATENTS



(2) PATENT APPLICATION PUBLICATION	(21) Application No.202441080857 A
(9) INDIA	
(22) Date of filing of Application :24/10/2024	(43) Publication Date : 01/11/2024
(54) Title of the invention : DETECTING AND CLASSIFYING MALICIOUS UNIFORM RESOURCE LOCATIONS USING ADVANCED MACHINE LEARN	
(51) International classification :H04L0009400000, G06F0021560000, G06F0021570000, G06F002150000, G06N0020000000	(71)Name of Applicant : 1)Vedharumudi Sri Sai Kranthi Nikhil Associate Software Engineer, IT RRIET Address of Applicant :Rajamahendri Institute of Engineering and Technolo Bhoopalapatnam, Pidimgoyi, Rajahmundry-533107 ----- 2)K. Neelima Assistant Professor, SMEC 3)Dr B Giridhar Professor, MRU 4)K. Koteswar Rao Assistant Professor, SMEC 5)Dr. B padma Associate Professor, Dept of CSE(AI & ML), IAE 6)Neelima Pilli Assistant Professor, Dept of CSE, SRKREC 7)Mahaboob Assistant Professor, SMEC 8)Mrs R.Chitra Assistant Professor, VEC Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Vedharumudi Sri Sai Kranthi Nikhil Associate Software Engineer, IT RRIET Address of Applicant :Rajamahendri Institute of Engineering and Technology, Bhoopalapatnam, Pidimgoyi, Rajahmundry-533107 ----- 2)K. Neelima Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secundera Telangana, 500100 ----- 3)Dr B Giridhar Professor, MRU Address of Applicant :Maha Reddy University, Maisammaguda, Dalapally, Hyderabad, Telangana-500043 ----- 4)K. Koteswar Rao Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secundera Telangana, 500100 ----- 5)Dr. B padma Associate Professor, Dept of CSE(AI & ML), IAE Address of Applicant :Institute of Aeronautical Engineering, Dundigal Road, Dundigal, Hyderabad, Telangana, 500043 ----- 6)Neelima Pilli Assistant Professor, Dept of CSE, SRKREC Address of Applicant :Sagi Rama Krishnam Raju Engineering College, Chinnamiram, Bhimavaram, Chinnamiram Rural, Andhra Pradesh 534204 ----- 7)Mahaboob Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secundera Telangana, 500100 ----- 8)Mrs R.Chitra Assistant Professor, VEC Address of Applicant :Velammal Engineering College, Ambattur, Velammal Nagar, Sumpet, Chennai, Tamil Nadu 600066 -----
(86) International Application No :NA Filing Date :NA	
(87) International Publication No :NA Filing Date :NA	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	
(7) Abstract : Today's digital age, the World Wide Web has become the primary platform for sharing knowledge and conducting economic activities. However, with this underpinning comes the ever-growing concern of cyber security. Companies and governments are constantly researching ways to enhance their security measures. Symantec's 2023 Internet Security Report is a comprehensive resource that sheds light on various global threats. These threats range from corporate data breaches to hacks on browsers and websites to spear phishing attempts, ransom ware, and other forms of fraudulent cyber activities. The report also exposes the cunning tactics employed by scammers to carry out their malicious deeds. Among the most common cyber security vulnerabilities is the existence of malicious websites or Unified Resource Locations (URLs). Every year, billions of rupees are lost due to hosting gratuitous material like spam, malware, unsuitable adverts, and spoofing. These sites then target unsuspecting visitors, luring them into falling for scams through emails, ads, web searches, or connections from other websites. It's crucial to have a system in place that can accurately identify and categorize dangerous URLs as incidents of phishing, spamming, and malware continue to rise. However, implementing such a system is no easy task. The sheer volume of data, ever-changing patterns and technologies, complex relationships between characteristics, lack of sufficient training data, non-linearity, and the presence of outliers make classification challenging. In the proposed work, malicious URLs are detected and classified using advanced machine learning i.e., ensemble modeling. The dataset has been categorized into four types i.e., Phishing, Benign, Defacement and Malware. Here, logistic regression, and ensemble modeling are implemented to detect and classify malicious URLs.	
No. of Pages : 11 No. of Claims : 4	

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202441080855 A
(19) INDIA	
(22) Date of filing of Application :24/10/2024	(43) Publication Date : 01/11/2024
(54) Title of the invention : XGBOOST MODEL BASED ALPHA SIGNAL PREDICTION USING MICROBLOGGING DATA FROM SOCIAL MEDIA	
(51) International classification :G06Q0040060000, G06Q0050000000, G06N0020000000, G06Q0040040000, G06N0020100000	(71)Name of Applicant : 1)Dr. B Laxmi Kantha Associate Professor, Dept of IT, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 ----- 2)Dr N Krishnaiah Professor, HOD Dept. of IT, SMEC 3)Krishna Reddy Assistant Professor, SMEC 4)Y. Ramalakshamma Associate Professor, SRKR 5)Shetty Sranvathi Assistant Professor, NNRG 6)Budhi Reddy Satish Kumar Assistant Professor, MREWC 7)Ch. Divya Assistant Professor, SMEC 8)Yellappa Assistant Professor, SMEC Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. B Laxmi Kantha Associate Professor, Dept of IT, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 ----- 2)Dr N Krishnaiah Professor, HOD Dept. of IT, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 ----- 3)Krishna Reddy Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 ----- 4)Y. Ramalakshamma Associate Professor, SRKR Address of Applicant :Sagi Ramakrishnam Raju Engineering College, Chinnamiram, Bhimavaram, Chinnamiram Rural, Andhra Pradesh, 534204 ----- 5)Shetty Sranvathi Assistant Professor, NNRG Address of Applicant :Nalla Narasimha Reddy Education Society's Group of Institutions, Narapally, Ghatkesar, Korremula Rd, Peerzadiguda, Hyderabad, Telangana, 500088 ----- 6)Budhi Reddy Satish Kumar Assistant Professor, MREWC Address of Applicant :Malla Reddy Engineering College For Women, Maisammaguda, Dhalapally Kompally, Medchal Rd, Secunderabad, Telangana, 500100 ----- 7)Ch. Divya Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 ----- 8)Yellappa Assistant Professor, SMEC Address of Applicant :St. Martin's Engineering College, Dulapally, Secunderabad, Telangana, 500100 -----
(86) International Application No :NA Filing Date :NA	
(87) International Publication No :NA Filing Date :NA	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	
(57) Abstract : Alpha signals, also referred to as excess returns, play a crucial role in assessing the performance of a financial asset compared to the overall market benchmark. The ability to predict alpha signals holds immense value accurately and promptly for investors and financial analysts, as it can greatly influence portfolio optimization and risk management decisions. However, traditional methods of alpha signal prediction, which heavily rely on historical financial data, have their limitations in capturing real-time market sentiments and changes. To overcome these limitations, researchers have started exploring alternative data sources, particularly social media data, to gain deeper insights into market sentiments and enhance alpha signal prediction. The integration of social media data into financial analysis presents an innovative approach to understanding investor sentiment, market perceptions, and collective behavior. Micro blogging platforms such as Twitter and Stock Twits serve as rich sources of real-time information, reflecting opinions and reactions to financial events as they happen. Leveraging such data for alpha signal prediction has the potential to complement and strengthen traditional financial analysis methods, leading to more precise and robust predictions. In light of this, the focus of this study is to utilize micro blogging data from social media platforms to predict alpha signals in financial markets. The chosen approach employs the XG Boost model, a powerful machine learning algorithm renowned for its capability to handle complex and unstructured data with high dimensions. The model is trained using historical data and then tested on out-of-sample data to evaluate its predictive performance and accuracy. By harnessing the real-time and sentiment-rich information from social media, this proposed work aims to contribute to the advancement of alpha signal.	
No. of Pages : 11 No. of Claims : 4	

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LIST OF BOOKS

Sl. No.	Name of the Faculty	Title of the book/chapters published	ISBN/ISSN number of the proceeding	Name of the publisher
1.	Dr. B.Rajalingam	Big Data Analytics	978-93-92184-69-7	Spectrum University Press
2.	Dr. B.Rajalingam	Introduction to Data Science	978-93-92311-68-0	SunRaise International Publishers
3.	Dr. B.Rajalingam	Software Testing Methodologies	978-93-93162-71-7	Spectrum Techno Press
4.	Dr. B.Rajalingam	Speech and Video Processing	978-93-54248-66-3	Sri Krishna Publishers
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6.	Mr. N.Mahboob Subani	Big Data Analytics	978-93-92184-69-7	Spectrum University Press
7.	Mrs. M.Swathi	Big Data Analytics	978-93-92184-69-7	Spectrum University Press
8.	Mr. S.Yellappa	Introduction to Data Science	978-93-92311-68-0	SunRaise International Publishers
9.	Mr. R.Rajeswaran	Introduction to Data Science	978-93-92311-68-0	M/s Amaravathi Publishers
10	Mr. P.Krishna Reddy	Scripting Languages	978-93-94122-48-1	M/s Spectrum Techno Press
11	Dr. C.Krubakaran	Software Process and Project Management	978-93-93199-99-7	Amaravathi Publishers
12	Mr. N.Mahboob Subani	Deep Learning	978-93-92184-64-2	Spectrum University Press
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Big Data Analytics

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Software Testing Methodologies

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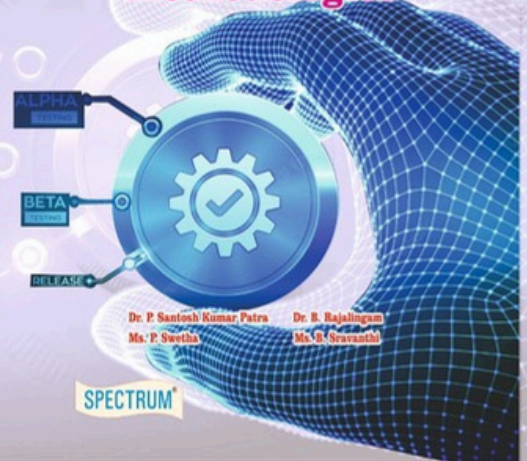
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Introduction to
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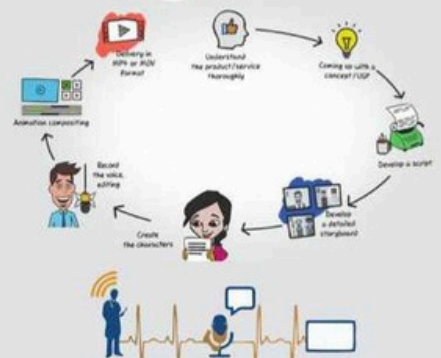


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Dr. P. Santosh Kumar Patra is holding B.E., M.Tech & Ph.D in Computer Science and Engineering Degree. He has received continuously FICOR letter 'COVENANT AWARDS' from Government of Telangana "Rajanya Gaurava Award", "RajanyaVikas Ratan Award", "Dramacharya Award", Young leader of the year & BRAB International Award, Dehra. In his remaining glory he has achievements like publishing 135 papers and his 12 papers are selected by different organizations for communication. He has published 7 books and more than 100 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. 144 crores from GITAMC, Hyderabad & Rs.150 crores from IIMWSSRI, Hyderabad, Govt of Telangana.

Dr. R. Santosh Kumar presently working as Associate Professor and HOD in the Department of Computer Science and Engineering, St. Martin's Engineering College, Dhulapally, Secunderabad, Orained B.E. (IT) and M.E. (CS) degree from Anna Maria University in 2011 and 2013 respectively. He has received his Ph.D (Full Time) degree in the CSE, Anna Maria University in 2020. The broad area of research includes Image and Video Processing, Artificial Intelligence, Internet of Things. He has credit of publishing 23 research papers and attending 30 National and International Conferences, 5 books and 15 patents. He has organized 2 International Conferences, 2 workshops and 1 faculty development programmes.

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Software Process and Project Management



Dr. P. Santosh Kumar Patra
Dr. R. Santosh Kumar
Dr. C. Krubakaran
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AMARAVATHI

Deep Learning

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Scripting Languages
Dr. P. Santosh Kumar Patra
Dr. R. Santosh Kumar
Mr. M. Dileep Kumar
Mr. P. Krishna Reddy



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Scripting Languages



Dr. P. Santosh Kumar Patra
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Sl. No.	Name of the Author	Title of the paper	ISBN/ISSN number of the proceeding	Name of the publisher
1.	Dr. B. Rajalingam	Advanced deep learning techniques for disease hypothesis system	978-93-94246-83-6	St. Martin's Engineering College
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Paper ID: ICIRAIML-24-002

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in the International Conference
on
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Organized by
Departments of AI&DS, AI&ML and CSD, St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India
on
17th & 18th December 2024.

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Assistant Professor, St.Martin's Engineering College
has participated and presented paper on
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Paper ID: ICIRAIML-24-013

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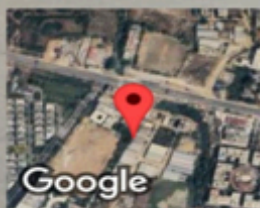
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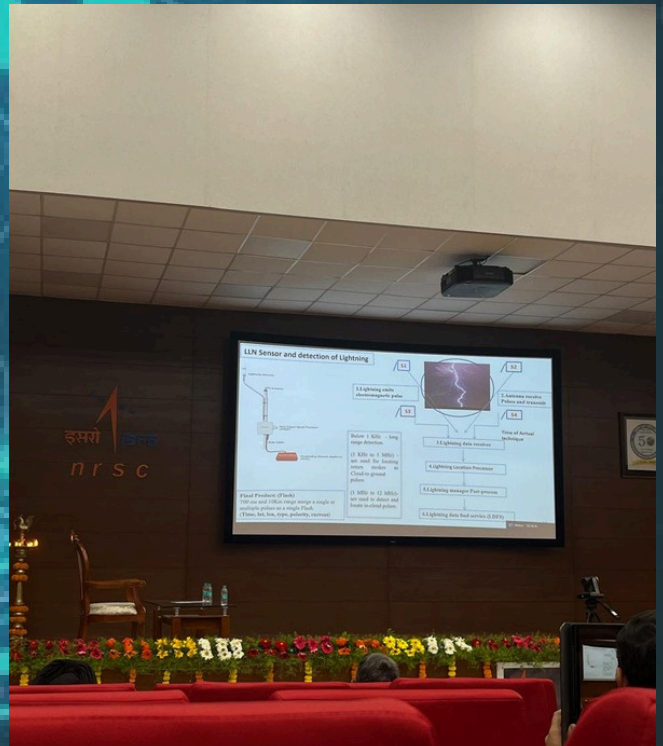
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International Conference on "Recent trends in AI-driven Data Analysis, Machine Learning and Computational Design" (ICRAIML-2024) will be organized by Department of AI&DS, AI&ML and CSD, St. Martin's Engineering College, Secunderabad, Telangana, India on 17th & 18th December, 2024. ICRAIML-2024 will serve as a colloquy for sharing the proficiency among academicians, researchers, scientist and industrial personnel from all over the world in the areas of engineering and technology.



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Department of Artificial Intelligence and Data Science (AI&DS), Department of Artificial Intelligence and Machine Learning (AI&ML) and Department of Computer Science and Design (CSD) all the three departments were established in the year 2021 with an intake of 60 Capacity and subsequently it increased AI&DS Dept. intake to 180 in A.Y 2023-2024. All the three departments (AI&DS, AI&ML and CSD) has well qualified and trained faculty members from various reputed Universities and Institutions. All the three department faculties published more than 100 research papers in various peer reviewed journals and conferences, published 20 books, filed and filed 45 patents. Three Department Students are also participated in various events and bagged awards in all events which includes Sports and other activities.

Advisor

St. Ch. Malla Reddy, MLA
Medchal Constituency, Telangana State.

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International Conference on "Recent trends in AI-driven Data Analysis, Machine Learning and Computational Design" (ICRAIML-2024) will be organized by Department of AI&DS, AI&ML and CSD, St. Martin's Engineering College, Secunderabad, Telangana, India on 08th & 09th November, 2024. ICRAIML-2024 will serve as a colloquy for sharing the proficiency among academicians, researchers, scientist and industrial personnel from all over the world in the areas of engineering and technology.

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➤ MACHINE LEARNING & DEEP LEARNING
➤ DATA ANALYTICS & DATA MINING
➤ NATURAL LANGUAGE PROCESSING & IOT
➤ BLOCK CHAIN TECHNOLOGY
➤ NETWORK SECURITY & CYBER SECURITY
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Foreign Delegates : \$ 150/-

Important Dates

Paper submission deadline : 25th October, 2024.
Notification of acceptance : Within 5 days after submission.
Last date of Registration : 2nd November, 2024.

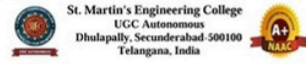
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International Conference on Recent Trends in AI-driven Data Analysis, Machine Learning and Computational Design



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Reach Us

Dr. B. Chandrashekar, Professor, Dept. of CSD, E-mail: drbchandrashchkar@smec.ac.in, Phone No: 9490666612.
Mr. N. Mahboob Subani, Assistant Professor, Dept. of AI&DS, E-mail: mahboobsubanis@smec.ac.in, Phone No: 90300 43554.
Mr. D. Krishna Kishore, Assistant Professor, Dept. of AI&ML, E-mail: dkrishnakishore@smec.ac.in, Phone No: 9246415884.



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Dr. P.Sai Prasad, Professor & HoD, Dept. of CSD.
Mr. D. Krishna Kishore, Professor & HoD, Dept. of AI&ML.

Coordinators

Dr. B. Chandrashekar, Professor, Dept. of CSD.
Mr. N. Mahboob Subani, Assistant Professor, Dept. of AI&DS.
Mr. B. Ramesh, Assistant Professor, Dept. of AI&ML.

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International Conference on Recent Trends in AI-driven Data Analysis, Machine Learning and Computational Design



Organized by
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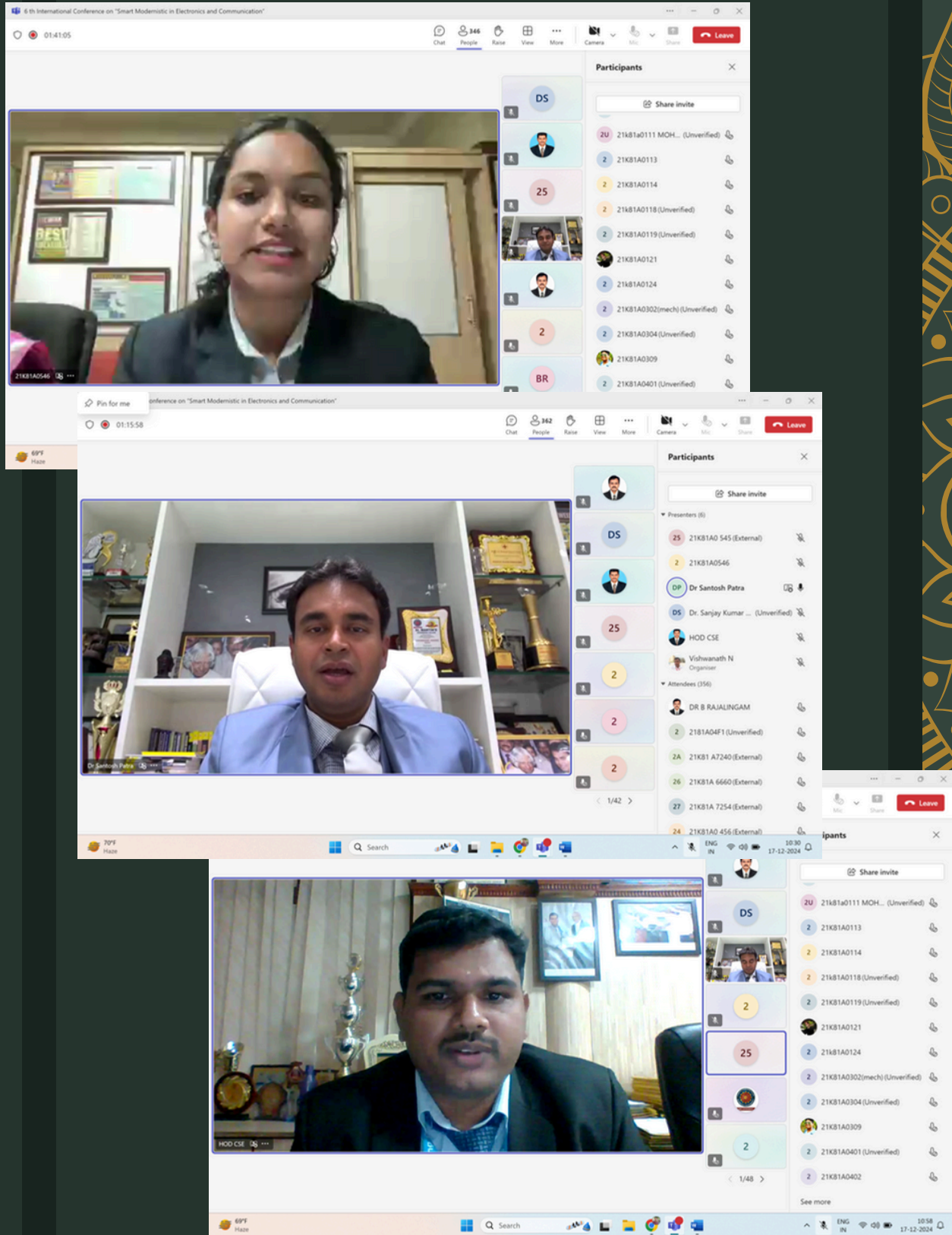
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Department of Artificial Intelligence and Data Science (AI & DS)

INVITATION

We cordially invite you to the keynote speaker
on
"International conference on Recent Trends in AI-driven Data Analysis,
Machine Learning and Computational Design"
on
17th December 2024 at 11:00 AM (Tues day)

Presidential Address



Dr. P. SANTOSH KUMAR PATRA
Professor & Group Director,
St. Martin's Engineering College

Keynote speaker



Dr. Chandrashekar Jatoth
Assistant Professor,
Department of Information Technology
National Institute of Technology Raipur

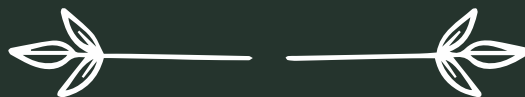
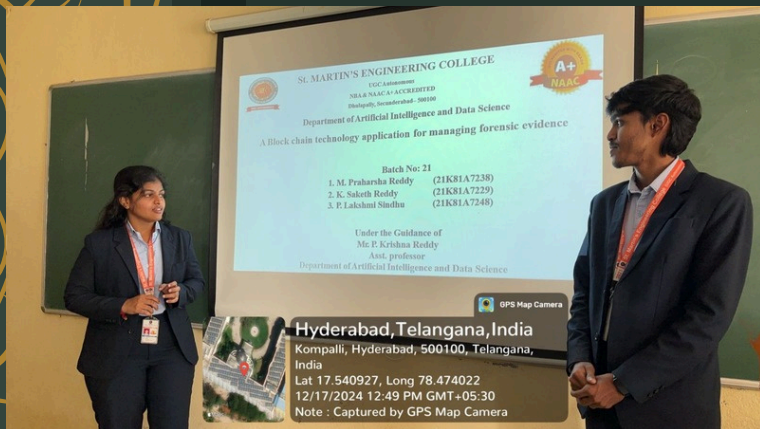
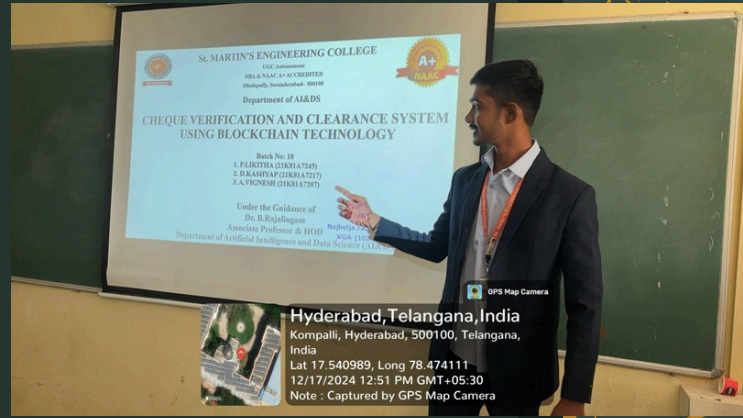
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Professor & HOD
Department of AI & DS





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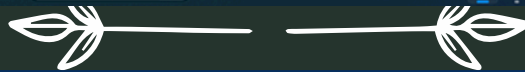
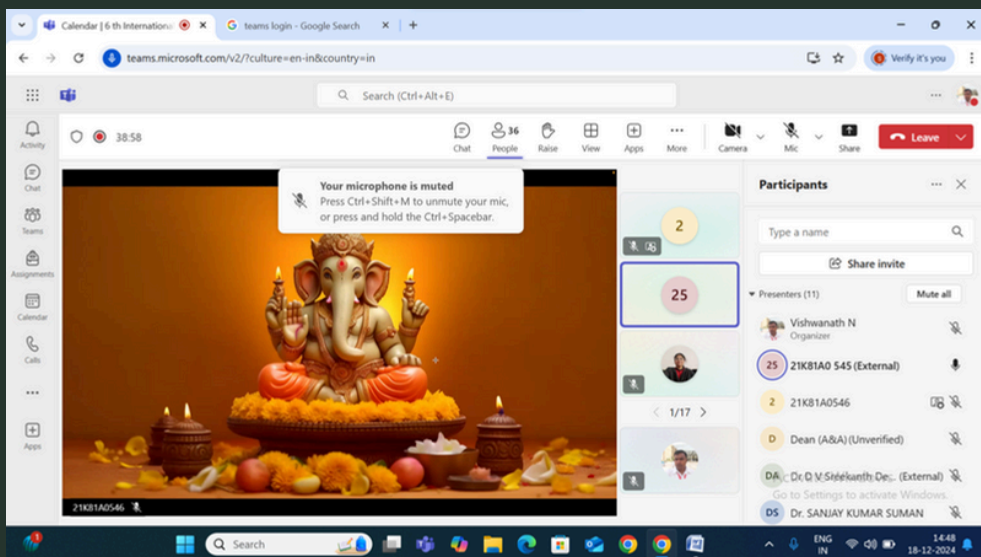
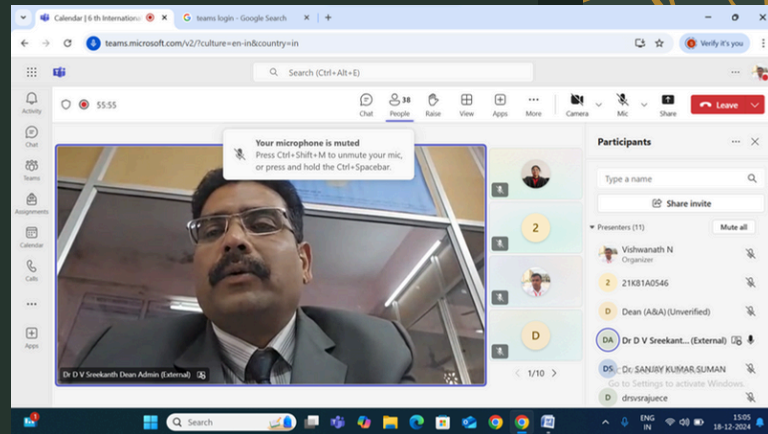
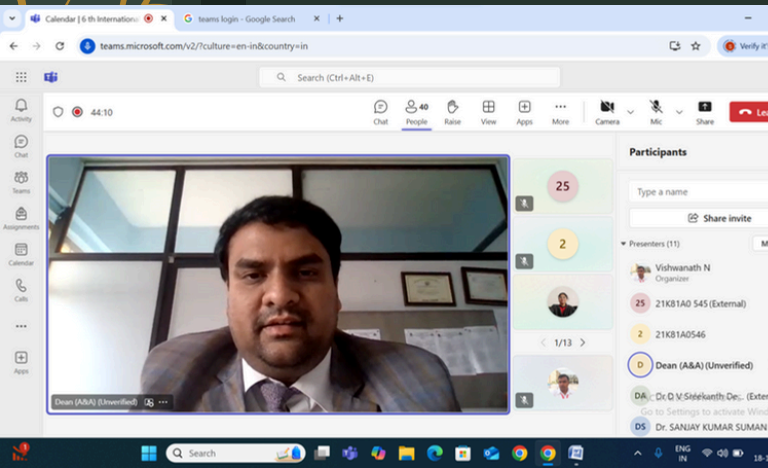
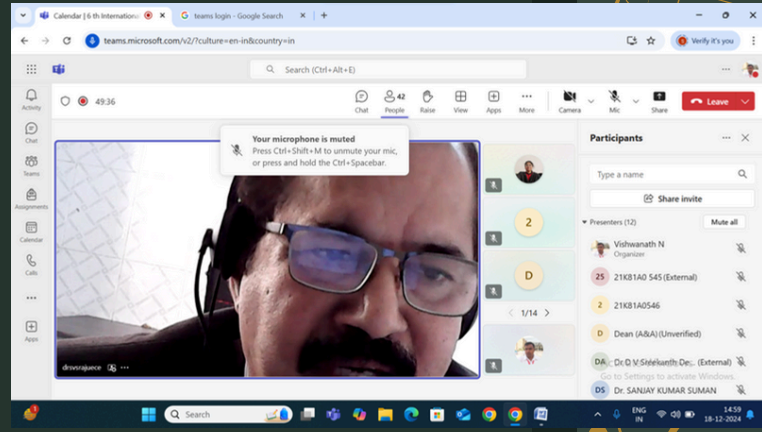
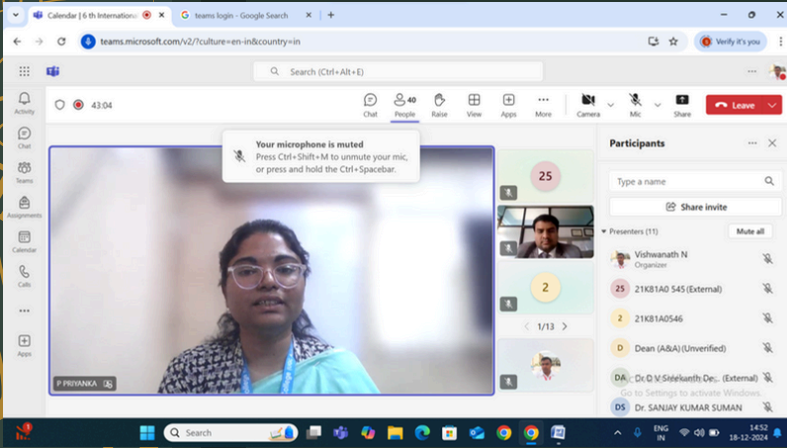
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Department of Artificial Intelligence and Data Science (AI & DS)

INVITATION


We cordially invite you to the Guest Lecture
on
"DATA EXPLORATION AND VISUALIZATION"
on
07th November 2024 at 10:00 AM (Thursday)

Presidential Address



Dr. P. SANTOSH KUMAR PATRA
Professor & Group Director,
St. Martin's Engineering College

Chief Guest



Mr. Patri Jaisimha Aditya
Senior Sales Operations Analyst, Milestone Technologies,
Hyderabad, Telangana

Convenor
Dr. B. Rajalingam,
Associate Professor & HOD
Department of AI & DS

ASSERTION NEWSLETTER GUEST LECTURES



RISE OF DATA SCIENCE

- ❑ **1970s – 2000:** Data in expensive databases
- ❑ "Small" data: millions of data points = large
Programmers write code to process data
- ❑ **Jobs:** software engineers & database administrators
- ❑ Expensive, took a long time to run, limited to companies with expertise and resources
- ❑ **2006 – current:** Data in a variety of places
- ❑ "Big data": billions of data points. Per day.
- ❑ {Various job titles} write code to process data
- ❑ **Jobs:** data analysts, data scientists, data engineers (software engineers, DB admins)
- ❑ Variety of inexpensive (and expensive), user-friendly systems to analyze data



ASSERTION NEWSLETTER GUEST LECTURES



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Department of Artificial Intelligence and Data Science (AI & DS)

INVITATION


We cordially invite you to the Guest Lecture
 on
"RECENT TRENDS IN INTERNET OF THINGS (IOT)"
 on
 05th December 2024 at 10:00 AM (Thursday)

Presidential Address



Dr. P. SANTOSH KUMAR PATRA
 Professor & Group Director,
 St. Martin's Engineering College

Chief Guest



Mr. Patri Jaisimha Aditya
 Senior Sales Operations Analyst, Milestone Technologies,
 Hyderabad, Telangana

Convener
Dr. K.Sampath,
 Professor & HOD
 Department of AI &DS

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MOU Guest Lecture



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Department of Artificial Intelligence and Data Science (AI&DS)
Special Guest Lecture on MoU Activity
Recent Trends on "IoT"

Speaker: Mr. Patri Jaisimha Aditya, Milestone Technologies
Venue: Swami Vivekananda Seminar Hall
Date: 05.12.2024
Time: 09:20 AM - 12:40 PM




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MOU Guest Lecture



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Department of Artificial Intelligence and Data Science (AI & DS)

INVITATION


We cordially invite you to the Seminar
 on
“Deep Learning and Version Control System's”
 on
 30th November 2024 at 09:30 AM (Saturday)

Presidential Address





Dr. P. SANTOSH KUMAR PATRA
 Professor & Group Director,
 St.Martin's Engineering College

Chief Guest



Mr. G. CHAITHANYA,
 SENIOR ASSOCIATE CONSULTANT, INFOSYS,
 Hyderabad, Telangana

Convenor
Dr. B. Rajalingam
 Associate Professor & HOD
 Department of AI & DS

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Department of Artificial Intelligence and Data Science (AI&DS)

A Seminar

On

Deep Learning and Version Control System's

Venue: Vivekananda
Seminar Hall

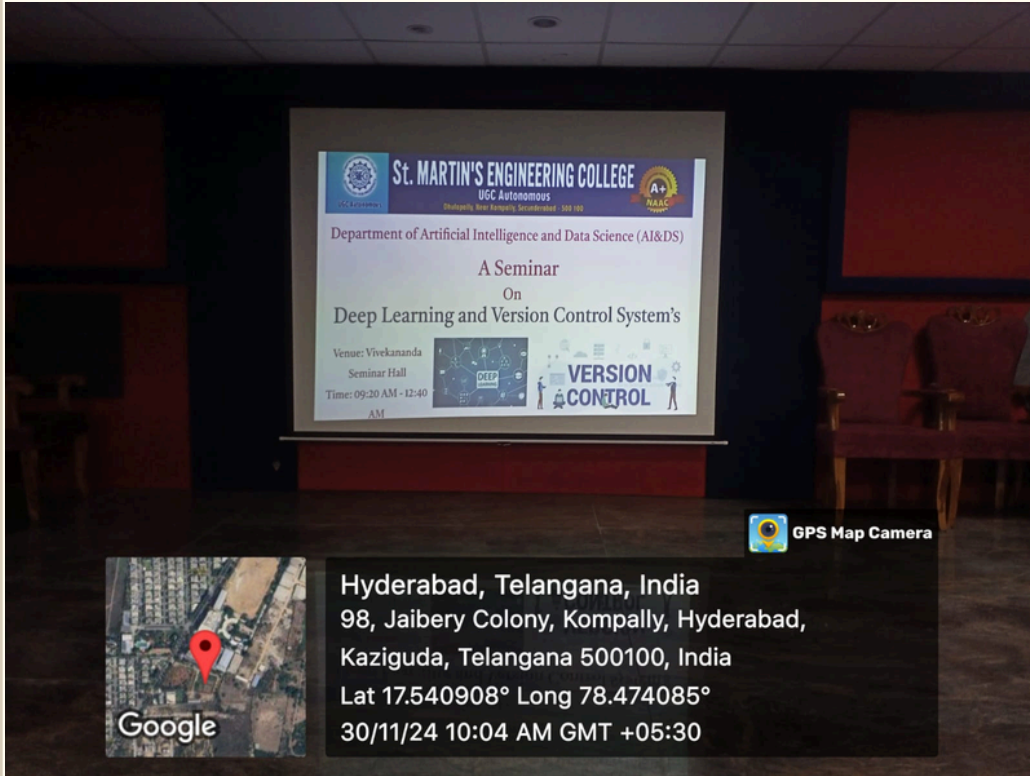
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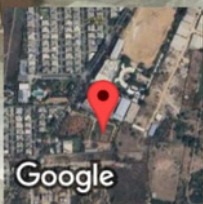
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Department of Artificial Intelligence and Data Science (AI & DS)

INVITATION


We cordially invite you to the Webinar
 on
"Essential Mathematics for Data Science"
 on
 12th December 2024 at 06:30 PM (Thursday)

Presidential Address



Dr. P. SANTOSH KUMAR PATRA
 Professor & Group Director,
 St. Martin's Engineering College

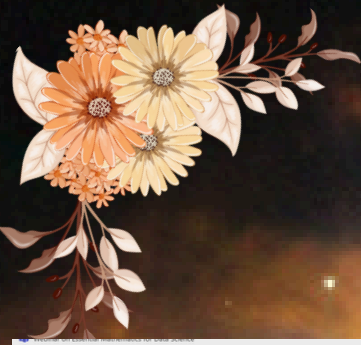
Chief Guest



Dr. Dr. Ramakrishna Kolikipogu,
 Professor of IT, Head, CHNMS,
 Chaitanya Bharathi Institute of Technology, Hyderabad

Convenor
Dr. K.Sampath,
 Professor & HOD
 Department of AI & DS

ASSERTION NEWSLETTER WEBINAR



ST. MARTIN'S ENGINEERING COLLEGE
 DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (AI & DS)
WEBINAR
 ON
"ESSENTIAL MATHEMATICS FOR DATA SCIENCE"
 Speaker: **Dr. Ramakrishna Kolikipogu**
 Professor of IT, Head, CHNMS,
 Chaitanya Bharathi Institute of Technology,
 Hyderabad.
 Date: 12.12.2024 @ 06:00 PM

ST. MARTIN'S ENGINEERING COLLEGE
 DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (AI & DS)
WEBINAR
 ON
"ESSENTIAL MATHEMATICS FOR DATA SCIENCE"
 Speaker: **Dr. Ramakrishna Kolikipogu**
 Professor of IT, Head, CHNMS,
 Chaitanya Bharathi Institute of Technology,
 Hyderabad.
 Date: 12.12.2024 @ 06:00 PM

Data Science Life Cycle

Business Understanding, Data Understanding, Model Evaluation, Model Deployment, Data Preparation, Data Cleaning, Data Exploration, Data Transformation, Data Modeling, Model Interpretation.

- Problem Definition
- Hypothesis Generation
- Data Extraction / Collection
- Data Exploration and Transformation
- Predictive Modeling
- Model Deployment and Evaluation

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Webinar on Essential Mathematics for Data Science

36:55

Take control Pop out Chat People Raise React View Apps More Camera Mic Share Leave

Participants

Type a name

Share invite

Presenters (4)

- MS MAHBOOB SUBANI
- DH Dr.K.Sampath Ho... (Unverified)
- HA HOD AIDS Organiser
- PR Prof K Ramakrish... (Unverified)

Attendees (91)

- 27 21K81A 7221 (External)
- 2 21K81A7203
- 2 21K81A7204
- 2 21K81A7205 (Unverified)

Data Science Life Cycle

- Problem Definition**
 - Clearly defining the problem and understanding business objectives.
- Data Collection**
 - Gathering raw data from various sources like databases, APIs, or web scraping.
- Data Preparation (Cleaning and Preprocessing)**
 - Handling missing values, removing duplicates, and transforming data for analysis.
- Exploratory Data Analysis (EDA)**
 - Using statistical methods and visualization to uncover insights and patterns.

Prof K Ramakrishna (Unverified) [linkedin.com/in/kolikipogu/](https://www.linkedin.com/in/kolikipogu/)

Webinar on Essential Mathematics for Data Science

35:15

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Data Science Life Cycle

Business Understanding
Model Deployment
Data Understanding
Data Preparation
Data Modeling
Exploratory Data Analysis

DATA SCIENCE LIFECYCLE

- Problem Definition
- Hypothesis Generation
- Data Extraction / Collection
- Data Exploration and Transformation
- Predictive Modeling
- Deployment / Evaluation

Prof K Ramakrishna (Unverified) [linkedin.com/in/kolikipogu/](https://www.linkedin.com/in/kolikipogu/)

Webinar on Essential Mathematics for Data Science

02:09:29

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Participants

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- MS MAHBOOB SUBANI
- PR Prof K Ramakrishna (Unverified)

Attendees (52)

- 2 21K81A7204
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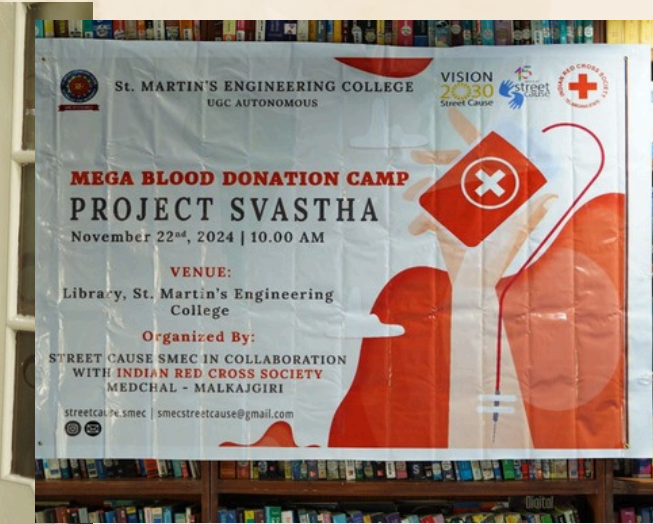
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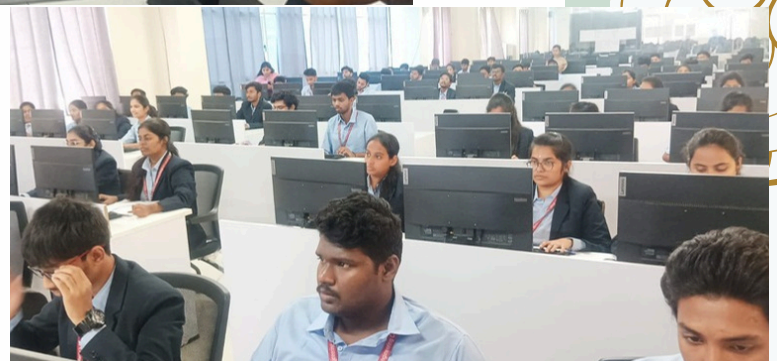
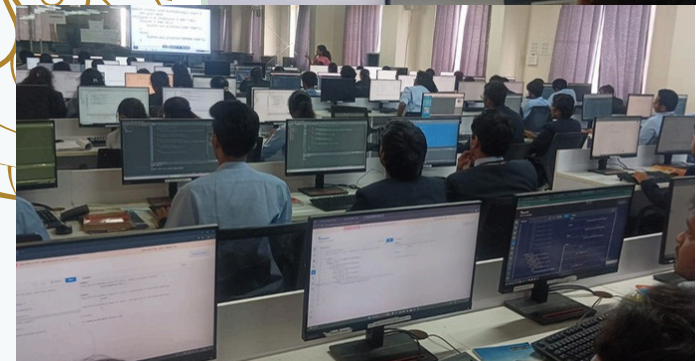
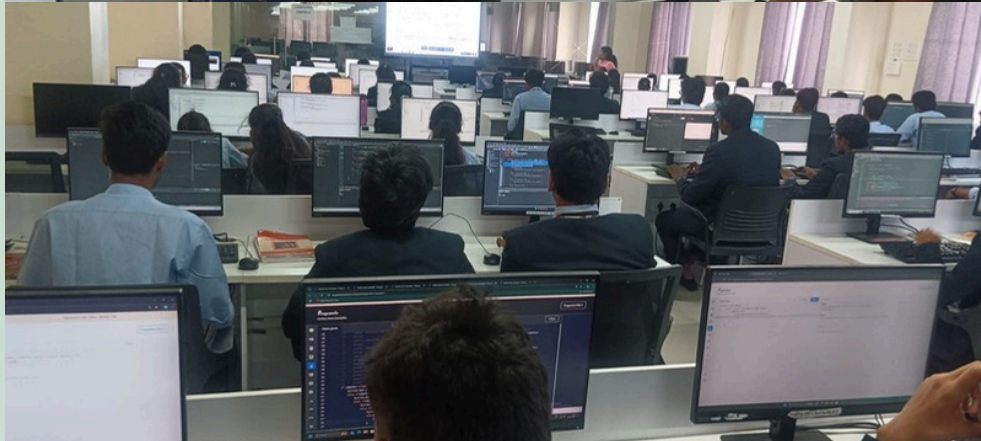
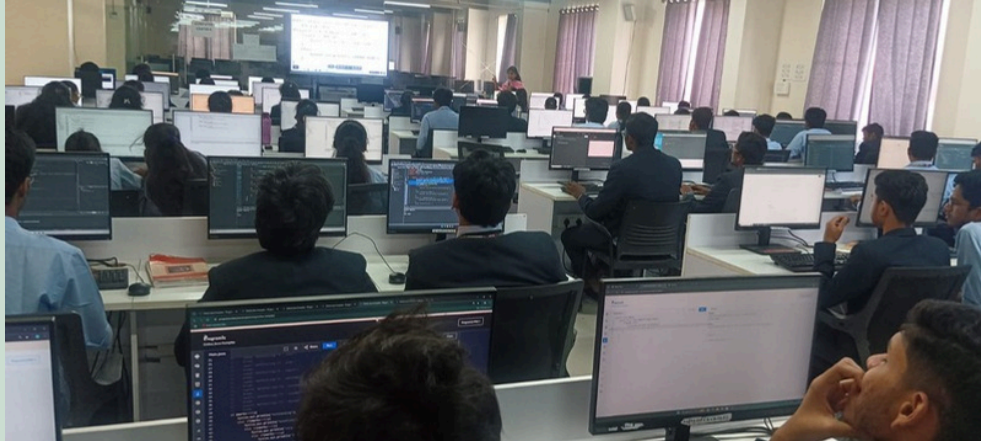
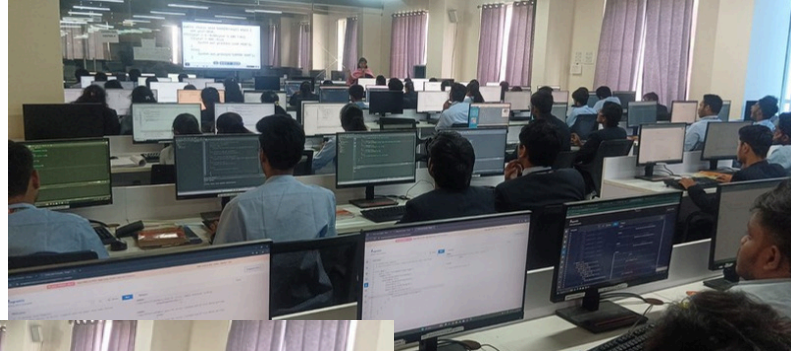
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Internships 2024



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CELEBRATIONS

INDEPENDENCE DAY

Independence Day is a significant occasion in India, celebrated every year on August 15th, marking the nation's freedom from British rule in 1947. It is a day of national pride, commemorating the sacrifices made by countless freedom fighters. At St. Martin's Engineering College, the spirit of this day is celebrated with enthusiasm, as students and faculty come together to honor the country's rich heritage and the values of independence. The event includes flag hoisting, cultural programs, and speeches, fostering a sense of unity and patriotism within the college community.

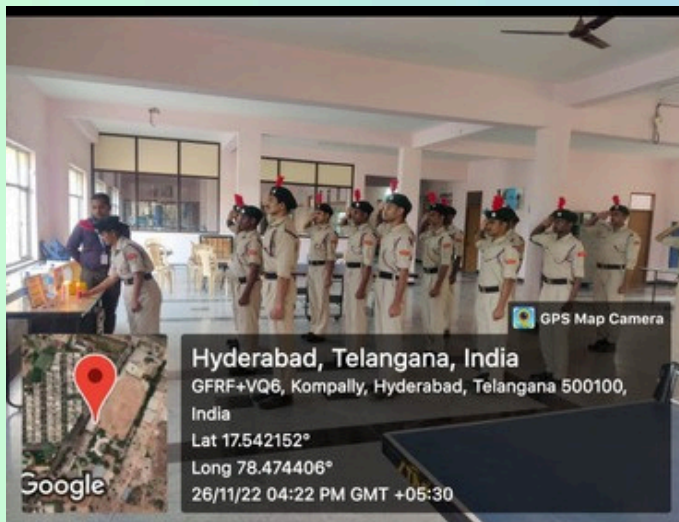


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NCC BOYS WING

- SMEG 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.



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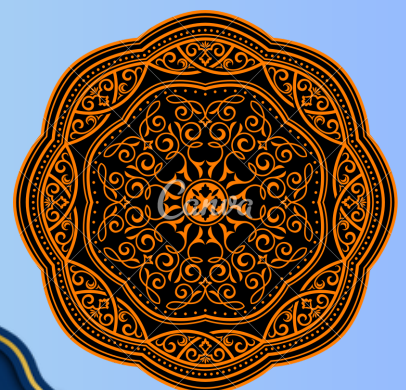
Here the NGG cadets where both (SD's and SW's) of 1(T) ARTY BTY NGG HYD GP unit was made a rally throughout the college of St. Martins Engineering College under the guidance of beloved Dr. P.Santosh Kumar Patra sir, Sandeep and Trainer Musavir sir.



HERE THE CADETS FROM OUR

[A I & DS] BRANCH

- SRAHUL KIRAN
- B.GHANDRAKANTH
- P.LAKSHMI SINDHU
- PRAHARSHA
- SUSHMITHA
- NITYA



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NCC GIRLS WING



SMEG has NATIONAL CADET CORPS (NGC) girls wing to foster the spirit of teamwork and management, which leads to the development of student personality. Our department students cadets are Ms. Likitha of the NGC girl wing from our (AI & DS) Branch. The students have participated in different parades and trained in foot drill command, weapon training, field craft, civil defense, map reading etc.



**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND
DATA SCIENCE (AI&DS)**

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NCC GIRLS WING



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NCC GIRLS WING



ASSERTION NEWS LETTER



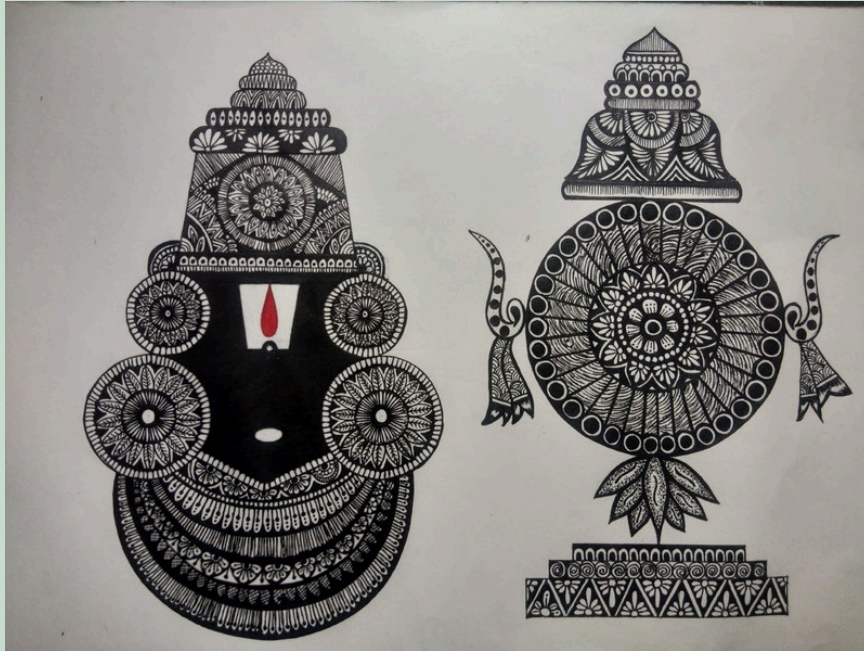
NCC GIRLS WING



ASSERTION

NEWSLETTER

STUDENT CREATIVE CORNER



G. Sindhu
23k85A7212
[II year-B Sec]




ASSERTION NEWSLETTER STUDENT ACHIEVEMENTS




**Sai Chaitanya
22K81A7264
[II Year]**




ASSERTION NEWSLETTER COLLEGE GALLERY




St. MARTIN'S
Engineering College



Strength does not come from physical capacity. It comes from an indomitable will.
- MAHATMA GANDHI



Dr. P. Santosh Kumar Patra
PROFESSOR & GROUP DIRECTOR




St. MARTIN'S
Engineering College

Your dedication and hard work turn dreams into reality, and the world is a better place because of it. Happy Engineer's Day



Dr. P. Santosh Kumar Patra
PROFESSOR & GROUP DIRECTOR





ASSERTION NEWSLETTER COLLEGE GALLERY



St. MARTIN'S
Engineering College

"A teacher is a person who helps others to acquire knowledge, competence, or virtue."

- Dr. Sarvepalli Radhakrishnan



Dr. P. Santosh Kumar Patra
PROFESSOR & GROUP DIRECTOR



St. MARTIN'S
Engineering College



*May Lord Ganesh
shower you with
his divine
blessings and
grace today.
Happy Vinayaka
Chaturthi to
you and
your family!*

Dr. P. Santosh Kumar Patra
PROFESSOR & GROUP DIRECTOR

ASSERTION NEWSLETTER COLLEGE GALLERY



St. MARTIN'S
Engineering College

Raksha Bandhan is a wonderful time to celebrate the bond of protection and affection shared between siblings and loved ones. May the spirit of togetherness bring peace and joy into your lives.

- Happy Raksha Bandhan



Dr. P. Santosh Kumar Patra
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St. MARTIN'S
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SBC AUTONOMOUS



HAPPY INDEPENDENCE DAY

"Ask not what your country can do for you. Ask what you can do for your country." - Jawaharlal Nehru.

Happy Independence Day

Dr. P. Santosh Kumar Patra
PROFESSOR & GROUP DIRECTOR

ASSERTION NEWSLETTER PLACEMENT ACTIVITIES

ST. MARTIN'S ENGINEERING COLLEGE
 UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of

On-Campus Drive @ SMEC

Drive Date: 12-12-2024
 Pay Package: 27 LPA

- Best Wishes from Management, Group Director and T&P Dept.

ST. MARTIN'S ENGINEERING COLLEGE
 UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of

On-Campus Drive @ SMEC

Drive Date: 12-12-2024

- Best Wishes from Management, Group Director and T&P Dept.



ASSERTION NEWSLETTER PLACEMENT ACTIVITIES

ST. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of
SAVANTIS
On-Campus Drive @ SMEC

Drive Date: 11-12-2024

- Best Wishes from Management, Group Director and T&P Dept.

ST. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of
accenture
On-Campus Drive @ SMEC

Drive Dates: 21st, 22nd and 23rd November 2024

- Best Wishes from Management, Group Director and T&P Dept.

ST. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of
Spiders
On-Campus Drive @ SMEC

Drive Date: 01-10-2024

- Best Wishes from Management, Group Director and T&P Dept.

ST. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of
SOTI
On-Campus Drive @ SMEC

Drive Date: 27-07-2024
Pay Package: 7.50 LPA
(2025 Batch)

- Best Wishes from Management, Group Director and T&P Dept.



ST. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS

Extends Warm Welcome to
The Recruitment Team of
cognizant
On-Campus Drive @ SMEC

Drive Date: 12-09-2024
Pay Package: 6.50 LPA
(2025 Batch)

-Best Wishes from Management, Group Director and T&P Dept.

ASSERTION NEWSLETTER

CLASS TOPPERS

III- YEAR TOPPERS



ALLURI SHARANYA
(A21K81A7203)
8.9



SINGARAPU GAYATHRI
(21K81A7259)
8.79



JAVIDI TRIVENI
(21K81A7228)
8.68

II- YEAR TOPPERS



RUGHIKA NARANG
22K81A72A9
9.29



R.HARSHAVARDHAN
(22K81A7246)
9.26



BADDAM SANDHYA
22K81A7204
9.18



MOMULA SHASHANK
22K81A7254
9.18



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Dr. P. Santosh Kumar Patra
Professor & Group Director

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