



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. 1, ISSUE -1

JUNE 2022

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.

CONFIGURATION NEWSLETTER

EDITOR IN CHIEF



Dr. P. SANTOSH KUMAR PATRA
Principal

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. M. Narayanan, 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.

Once again, I appreciate the department for the 100% placement in this academic year, 5 students got placed in third year itself, 158 publications by the faculty members, and more than 10 events organized. I also convey my heartfelt congratulations to staff members and students for their fruitful efforts.

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HOD MESSAGE

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.



Dr. M. Narayanan,
Professor & HOD,
Department of CSE,
SMEC

ALUMNI MESSAGE

I remember the Support & Kindness showed to me by the St. Martin's Engineering College when I attended the first day college. There was a true sense of family. I will give back to the support future students so they can have the same experience.

I was a nobody when I first arrived on this magnificent campus St. Martin's Engineering College. In my four years at SMEC, this great college gifts allowed that NOBODY to become a SOMEBODY.

I am happy to give back to my SMEC community and I'm looking forward to help SMEC alumni to stay connected by developing online and on-campus services that meet their needs. I would like to thank you to my teachers for teaching me lot.



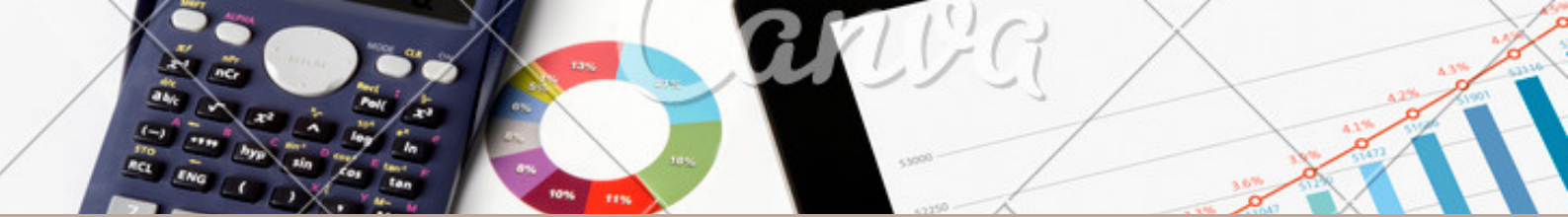
Ms. V. Ramya
17K81K05B4
Batch: 2017-2021
SMEC



HIGHLIGHTS

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

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



RESEARCH AND DEVELOPMENT CENTRE

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



**CONFIGURATION
NEWSLETTER**

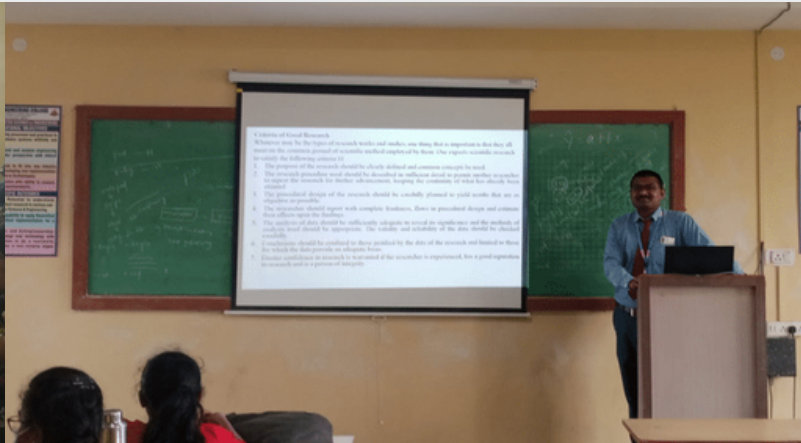
Published by Department of Computer Science and Engineering

Vol.- 1, Issue- 1



HONOR DEGREE

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



**CONFIGURATION
NEWSLETTER**

Published by Department of Computer Science and Engineering

Vol.- 1, Issue- 1

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STAFF'S CORNER

AWARDS & ACHIEVEMENTS

Department of CSE faculty members have received awards from various recognition awarding agencies like IRDP, VIJ Trust, and Novel Research Academy for the academic year 2021-2022 in the following categories.



1. Dr. N. Satheesh received Dr. Sarvepalli Radhakrishnan Life-Time Achievement National Award, organized by IRDP Agencies on December 2021.
2. Dr. N. Satheesh received Global Eminent Teachers Award, organized by VIJ Trust on December 2021.
3. Dr. G. Govinda Rajulu received Award of Excellence in Research organized by Novel Research Academy on November 2021.
4. Dr. B. Rajalingam received Best Young Scientist Award organized by Novel Research Academy on November 2021.
5. Dr. R. Santhoshkumar received Best Young Faculty Award organized by Novel Research Academy on November 2021.

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PUBLICATIONS DETAILS - INTERNATIONAL JOURNALS

Dr. M. Narayanan and Dr. P. Santosh Kumar Patra, 2022. "To improve the chunks delivery of live streaming using an adaptive buffer management algorithm over a video on demand service", AIP Conference Proceedings, vol. 2393, pp. 020117-1-020117-6, <https://doi.org/10.1063/5.0079768>.

Dr. M. Narayanan, 2022. "Genetic based algorithm to improve performance of mobile ad-hoc network", AIP Conference Proceedings, vol. 2393, pp.020028-1-020028-5, <https://doi.org/10.1063/5.0079764>.

Dr. R. Santhoshkumar, 2022. "Robust emotion recognition on hand crafted features in static action sequences", AIP Conference Proceedings, vol. 2393, pp.020215-1-020215-12, <https://doi.org/10.1063/5.0079770>.

Dr. T. Saravanan and Dr. S. Saravanakumar, 2022. "Skin Lesion Detection with a Healthcare Information Classifier using a Unique Lightweight Deep Learning Framework", NeuroQuantology, vol. 20, Issue 5, pp. 4349-4358, <https://doi.org/10.14704/nq.2022.20.5.NQ22719>

Dr. N. Satheesh, 2022. "Design of Automotive Accident-Avoidance System at Speed Limit Zone Using GPS", Innovations in Computer Science and Engineering, Lecture Notes in Networks and Systems, vol. 385, https://doi.org/10.1007/978-981-16-8987-1_28.

Dr. T. Saravanan and Dr. S. Saravanakumar, 2021, "Privacy Preserving using Enhanced Shadow Honeypot technique for Data Retrieval in Cloud Computing", 3rd International Conference on Advances in Computing, Communication Control and Networking, <https://doi.org/10.1109/ICA C3N53548. 2021.9725712>.

Dr. T. Saravanan, 2021, "Malicious Attack Alleviation using Improved Time-Based Dimensional Traffic Pattern Generation in UWSN", Journal of Theoretical and Applied Information Technology, vol.100, issue. 3, pp.682-689.

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PATENT PUBLICATIONS

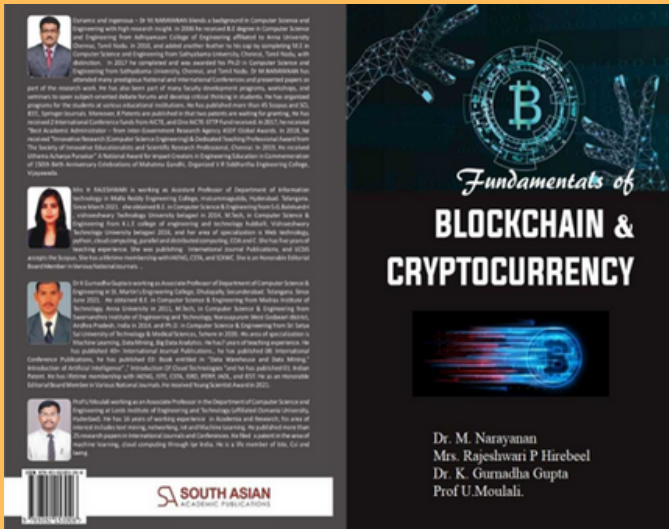
S. No.	Name of Inventors and/or Applicants	Title of the Invention
1.	Dr. M. Narayanan, Dr. P. Santosh Kumar Patra, Dr. B. Rajalingam Dr. R. Santhoshkumar, Dr. T. Poongothai, Mr. J. Sudhakar, Dr. Govinda Rajulu. G, Dr. G. JawaherlalNehru, Dr. Korra Srinivas, Mr. E. Lingappa	Automatic Water Controlling System For Home Gardening
2.	Dr. Govinda Rajulu. G	Network Traffic Flow Predictive, Analytical And Control Model For Cloud Based Networks
3.	Dr. Narayanan Madeshan, Dr. Govinda Rajulu. G	Tomato Crop Smart Irrigation Control and Harvesting System using IoT Intelligence Systems
4.	Dr. Narayanan Madeshan, Dr. Govinda Rajulu. G Mr. Dandu Srinivas	360 Degree Elder Person's Health Monitoring System Using machine Learning
5.	Dr. Narayanan Madeshan, Mr. Avinash Seekoli	Smart Drinking Water System
6.	Dr. K. Gurnadha Gupta	A Data Processing System and Method for Vehicle-End Device with a Cloud Computing
7.	Dr. N. Satheesh, Dr. P. Santosh Kumar Patra, Dr. T. Saravanan, Dr. S. Saravanakumar, Dr. G. JawaherlalNehru	Guesstimate of Energy Feasting for Consistent Wireless Sensor Networks in Smart Homes
8.	Mr. Manohar Manchala	Method For Assessing Value Of A Post In A Social Media Gamification Platform
9.	Dr. Narayanan Madeshan, Dr. G. Govinda Rajulu, Mr. Nagaraj Rathod	Advanced Self-Assessment of Global Pandemics Like SARS-COV-2 for Healthy Race using Machine Learning
10.	Dr. Narayanan Madeshan, Dr. P. Santosh Kumar Patra, Dr. S. Saravanakumar	Smart Drainage Monitoring System using Machine Learning and Deep Learning

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TEXT BOOK PUBLICATIONS

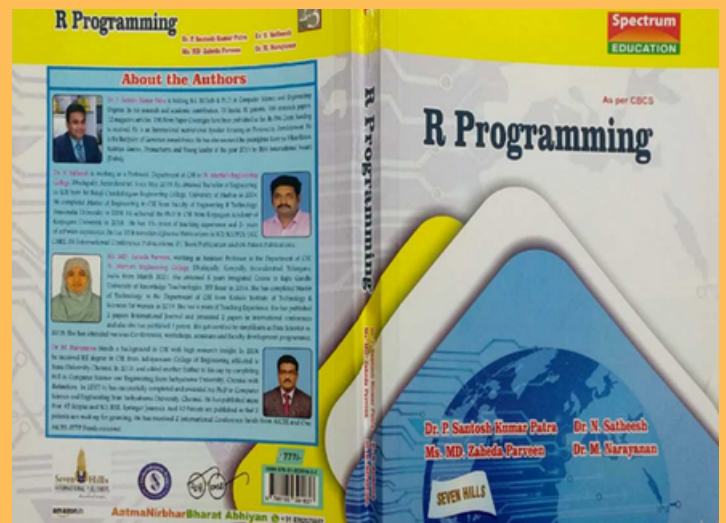
Fundamentals of Blockchain & Cryptocurrency

Authors: Dr. M. Narayanan, Dr. K. Gurnadha Gupta
 Publisher: South Asian Academic Publications, ISBN: 978-93-92153-00-6
 Year: 2021



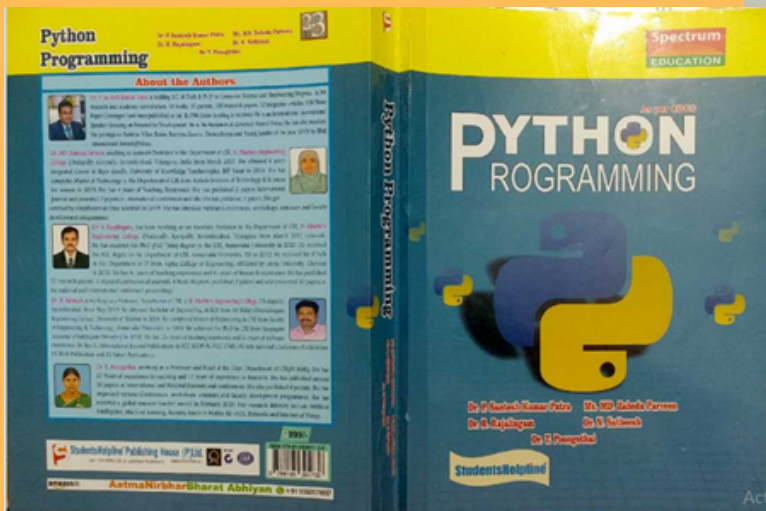
R Programming

Authors: Dr. P. Santosh Kumar Patra, Dr. N. Satheesh, Dr. M. Narayanan
 Publisher: Seven Hills International Publishers, ISBN: 978-81-953918-3-7
 Year 2022



Python Programming

Authors: Dr. P. Santosh Kumar Patra, Dr. B. Rajalingam, Dr. N. Satheesh, Dr. T. Poongothai
 Publisher: Students Helpline Publishing House (P) Ltd., ISBN: 978-81-953917-3-8
 Year: 2022



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PUBLICATIONS SUMMARY



The faculty members of CSE department has actively involved in publication of their research work as a journals consisting of 44 Scopus indexed and 7 UGC cared journals. Also participated and presented their work in many conferences among that 82 are internal and 7 are external conferences. They have published 13 patents, 3 books and 2 book chapters. From this 31% of publication had done in reputed journals. 58% of publication happened in international conferences. 8% of patent publication had done. 3% of publication done through South Asian Academic Publishers, Seven Hill International Publications, and Students Helpline Publishing House (P) Ltd.

FUNDING PROPOSALS

RESEARCH PROPOSALS

Department of CSE faculty members have applied for Science and Engineering Research Board (SERB) funding proposals under the scheme of Core Research Grant.

Dr. N. Satheesh, "Machine Learning Approach IoT Home Care and Supervision system for elder people", on 36 months durations for project completion.

Dr. S. Saravanakumar, "A Smart System for Coconut Plucking using Machine Learning Approach", on 36 months durations for project completion.

KAPILA FUNDING PROPOSALS

Through CSE department 15 project proposal have prepared through faculty members from that five research proposals have been chosen and those are converted as patent and the below mentioned titles which was applied for kapila funding.

1. An IoT Based Health Care System for Elderly People.
2. Field Monitoring and Automation using IoT Agriculture.
3. IoT Based Soldier Health and Position Tracking System.
4. Machine Learning for Plant Disease Detection and Classification.
5. Missing Child Identification System Based Deep Learning using Inferdo API.

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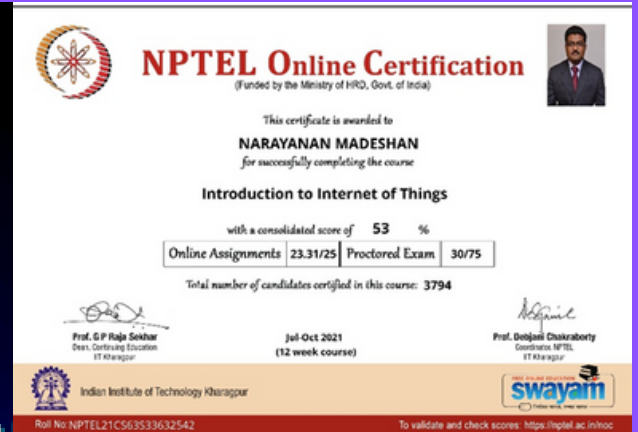
CERTIFICATION COURSES

Dr. M. Narayanan – Introduction to Internet of Things

Dr. M. Narayanan – Introduction to Industry 4.0 and Industry-Internet of Things

Dr. N. Satheesh - Introduction to Internet of Things

Dr. R. Santhoshkumar - Introduction to Internet of Things



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

This certificate is awarded to
NARAYANAN MADESHAN
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of **53 %**

Online Assignments	23.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 3794

Prof. G.P. Raja Sekhar
Deen, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS63533632542 To validate and check scores: <https://nptel.ac.in/hoc>



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

This certificate is awarded to
NARAYANAN MADESHAN
for successfully completing the course
Introduction to Industry 4.0 and Industrial Internet of Things
with a consolidated score of **61 %**

Online Assignments	24.78/25	Proctored Exam	35.87/75
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Total number of candidates certified in this course: 3987

Prof. Jayanta Sankar Dasgupta
Deen, Research
IIT Kharagpur

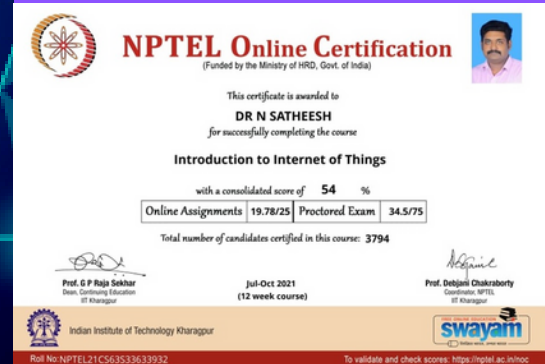
Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS52533530122 To validate and check scores: <https://nptel.ac.in/hoc>



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

This certificate is awarded to
DR N SATHEESH
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of **54 %**

Online Assignments	19.78/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 3794

Prof. G.P. Raja Sekhar
Deen, Continuing Education
IIT Kharagpur

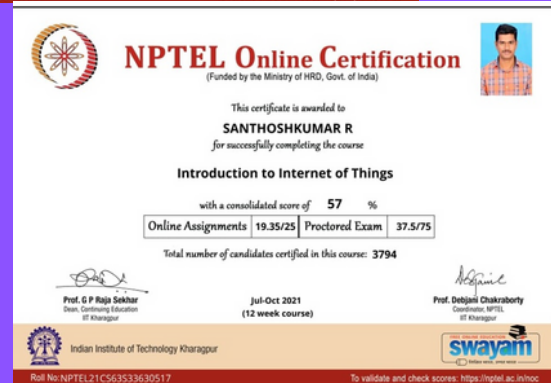
Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS63533633032 To validate and check scores: <https://nptel.ac.in/hoc>



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

This certificate is awarded to
SANTHOSHKUMAR R
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of **57 %**

Online Assignments	19.35/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 3794

Prof. G.P. Raja Sekhar
Deen, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS63533630517 To validate and check scores: <https://nptel.ac.in/hoc>

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CERTIFICATION COURSES

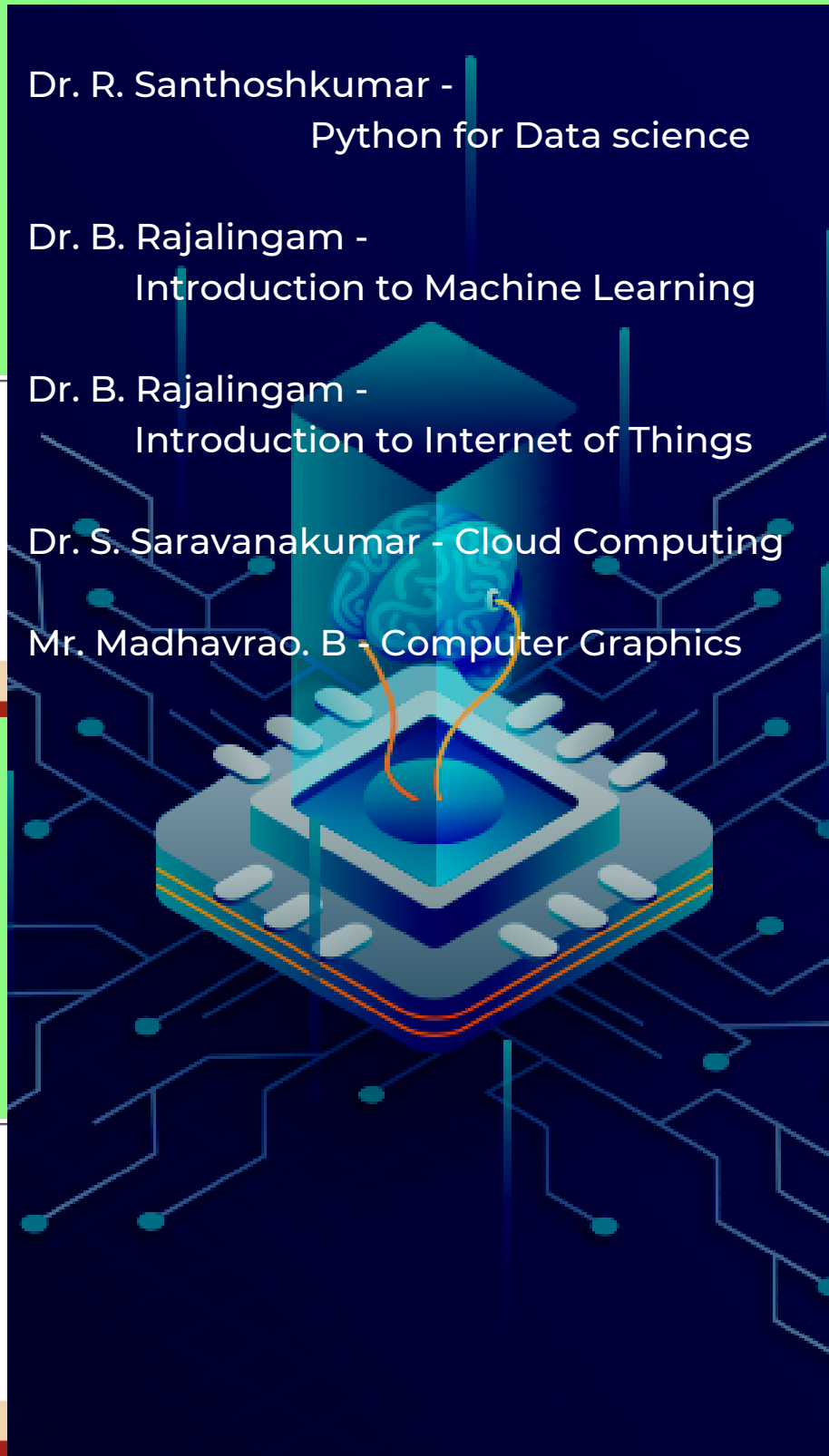
Dr. R. Santhoshkumar - Python for Data science

Dr. B. Rajalingam - Introduction to Machine Learning

Dr. B. Rajalingam - Introduction to Internet of Things

Dr. S. Saravanakumar - Cloud Computing

Mr. Madhavrao. B - Computer Graphics



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

This certificate is awarded to **SANTHOSHKUMAR R** for successfully completing the course **Python for Data Science** with a consolidated score of **69 %**

Online Assignments	22.92/25	Programming Exam	21.75/25	Proctored Exam	23.84/50
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Total number of candidates certified in this course: 3390

Jan-Feb 2022 (4 week course)

Prof. Devendra Jadhav, Chairman, Centre for Continuing Education, IITM

Prof. Andrew Thangaraj, NPTEL, Coordinator, IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL22CS32353580505

To validate and check scores: <https://nptel.ac.in/hoc>

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

This certificate is awarded to **RAJALINGAM B** for successfully completing the course **Introduction to Machine Learning** with a consolidated score of **55 %**

Online Assignments	22.75/25	Proctored Exam	31.88/75
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Total number of candidates certified in this course: 1383

Jul-Sep 2021 (8 week course)

Prof. G P Raja Sekhar, Dean, Continuing Education, IIT Kharagpur

Prof. Debjani Chakraborty, NPTEL, Coordinator, IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS85513582304

To validate and check scores: <https://nptel.ac.in/hoc>

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

This certificate is awarded to **DR S SARAVANAKUMAR** for successfully completing the course **Cloud Computing** with a consolidated score of **47 %**

Online Assignments	10.21/25	Proctored Exam	37.08/75
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Total number of candidates certified in this course: 3189

Aug-Oct 2021 (8 week course)

Prof. G P Raja Sekhar, Dean, Continuing Education, IIT Kharagpur

Prof. Debjani Chakraborty, NPTEL, Coordinator, IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21CS62323634014

To validate and check scores: <https://nptel.ac.in/hoc>

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

This certificate is awarded to **MADHAVRAO BOMMINENI** for successfully completing the course **Computer Graphics** with a consolidated score of **60 %**

Online Assignments	22.92/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 176

Jul-Sep 2021 (8 week course)

Prof. Hemant B Kaushik, Head, Center for Educational Technology, NPTEL, Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL21CS97523581747

To validate and check scores: <https://nptel.ac.in/hoc>

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CERTIFICATION COURSES

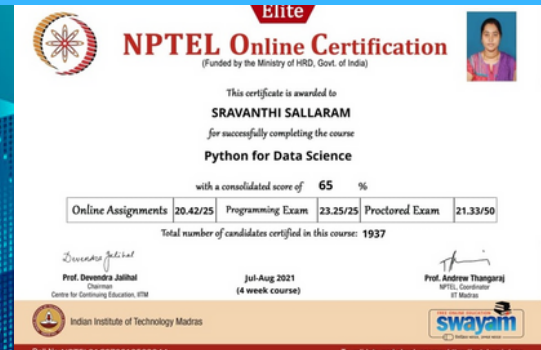
Mrs. Sravanthi Sallaram -
Python for Data Science

Mrs. P. Devasudha - Data Analytics with
Python

Mrs. E. Soumya - Cloud Computing

Mr. Vishnuvardhan Reddy. M -
Cloud Computing

Mr. Vishnuvardhan Reddy. M -
Programming in Java



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

This certificate is awarded to
SRAVANTHI SALLARAM
for successfully completing the course
Python for Data Science

with a consolidated score of **65 %**

Online Assignments	20.42/25	Programming Exam	23.25/25	Proctored Exam	21.33/50
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Total number of candidates certified in this course: 1937

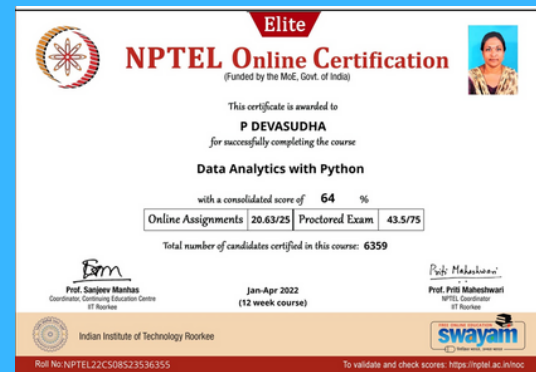
Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Aug 2021
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam



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

This certificate is awarded to
P DEVASUDHA
for successfully completing the course
Data Analytics with Python

with a consolidated score of **64 %**

Online Assignments	20.63/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 6359

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

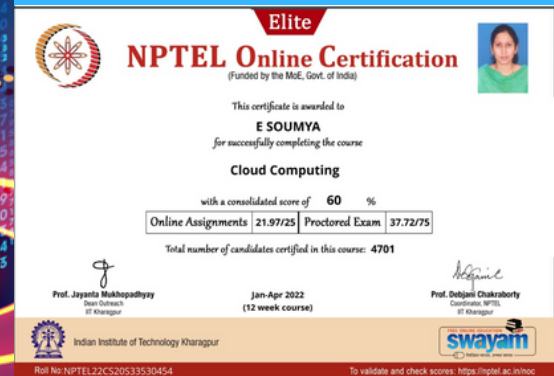
Prof. Priya Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL22CS08523536355

To validate and check scores: <https://nptel.ac.in/hoc>



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

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

with a consolidated score of **60 %**

Online Assignments	21.97/25	Proctored Exam	37.72/75
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Total number of candidates certified in this course: 4701

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS20533530454

To validate and check scores: <https://nptel.ac.in/hoc>



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

This certificate is awarded to
VISHNUVARDHAN REDDY. M
for successfully completing the course
Programming in Java

with a consolidated score of **65 %**

Online Assignments	14.2/20	Proctored Exam	30.8/47.5
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Total number of candidates certified in this course: 1937

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL22CS20533530454

To validate and check scores: <https://nptel.ac.in/hoc>

STUDENT'S CORNER

STUDENT'S ACHIEVEMENTS

CONGRATULATIONS
TO PRE-FINAL YEAR STUDENTS PLACED
WITH CTC: 6.0 L.P.A IN



Axiom
SOFTWARE SOLUTIONS



ABHIJEET VARMA
9K81A0501



M RAVINDRA REDDY
19K81A0538



TAPISH BALODI
19K81A0555



M. AMAAN SUBHANI
19K81A0592



DHAIRYA KOSHTA
19K81A05D5

Date: 29-06

Vol. - 1, Issue - 1

**CONFIGURATION
NEWSLETTER**

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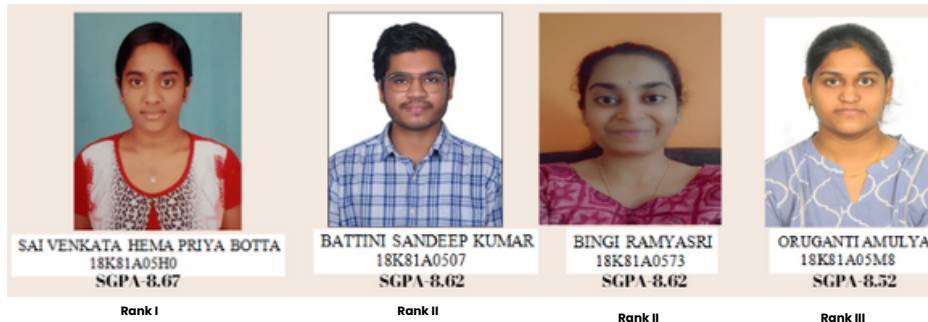
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DEPARTMENT TOPPERS

ACADEMIC YEAR 2021-2022

CSE - IV Year



CSE - III Year



CSE - II Year



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CREATIVE CORNER

అమ్మ ఋణం

నవ మాసాలు మోసి ఈ లోకానికి నన్ను పరిచయం చేసి

నా జన్మకు ప్రతిరూపం..... నిలువెత్తు అపురూపం
ప్రతిక్షణం ప్రేమిస్తూ..... అనుక్షణం దీవిస్తూ....
అభివృద్ధిని కాంక్షిస్తూ..... నా గెలుపుకు పరితపిస్తూ.....
ప్రతిక్షణం నా తపన అనుక్షణం నా మననం
ఎల్లప్పుడూ నాక్షేమం..... అదే కదా తన ధ్యానం
ఆప్యాయతల ఆలయానికి ఆదర్శం అమ్మ
ప్రేమానురాగాల నిలయానికి నిదర్శనం అమ్మ
అందుకే

అమ్మ ఋణం తీర్చుకోవాలనుంది!
అమ్మ మనసు గెలుచుకోవాలనుంది !.....



A. KIRAN KUMAR
20K81A0562
CSE - II B



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“God in the beginning formed matter in solid, massy, hard, impenetrable, movable particles, of such sizes and figures, and with such other properties, and in such proportion to space, as most conduced to the end for which he formed them.”



KOPPULA GEETIKA REDDY
20K81A05L4
CSE II D



Nature, time and patience are the three great physicians Adopt the pace of nature. Her secret is patience.



K. GANGADEVI
20K81A05E6
CSE II C

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CREATIVE CORNER

EDUCATION QUOTES

"THE OBJECTIVE OF EDUCATION IS TO PREPARE THE YOUNG TO EDUCATE THEMSELVES THROUGHOUT LIVES".
ROBERT M. HUTCHINS

"THE CAPACITY OF LEARN IS A GIFT;
THE ABILITY TO LEARN IS A SKILL;
THE WILLINGNESS TO LEARN IS A CHOICE."

D = DEDICATION
R = RESPONSIBILITY
E = EDUCATION
A = ATTITUDE
M = MOTIVATION



MS. N. MEGHANA
CSE III A

"THE GREAT AIM OF EDUCATION IS NOT KNOWLEDGE BUT ACTION." - HERBERT SPENCER.

ALL EDUCATION IS SELF-DISCOVERY. RAY
BRADBURY

"NEVER STOP LEARNING, BECAUSE LIFE NEVER STOPS TEACHING."

List of Activities

Guest Lecture

Workshop

International Conference

National Level Seminar

Webinar

Club Activity

Guest Lecture

Guest Lecturer on Introduction to AWS



The Guest Lecture on "Introduction to AWS" was hosted by the Department of Computer Science and Engineering on 28/11/2021 which aims to provide a platform to all the leading academic scientists, researchers, professors and students to exchange and share their experiences and innovative ideas in the latest technologies in the areas of Amazon Web Services, Cloud Based Network Services, Cloud Security. This Guest Lecture provided an inter-disciplinary platform for academicians, researchers and other experts from various fields to present their novel ideas, through discussing their thoughts as well as the challenges encountered and suggesting solutions to be adopted in the emerging areas of Engineering and Technology.

- Around 40+ faculty and 223 students from our engineering college were participated.

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Workshop

Workshop on Machine Learning with Python Programming



The one-day Hands-on training in “Machine Learning with Python Programming” was hosted by the Department of Computer Science and Engineering on 14 December, 2021 which aims to provide a Common platform to all provided an inter disciplinary platform for students to present their novel ideas.

- Discuss their thoughts as well as the challenges encountered and suggesting solutions to be adopted in the emerging areas of Engineering and Technology.
- Around 150 students from our CSE and CSE (AI & ML) have participated in the program.

International Conference

Online International Conference on "Innovations and Recent Trends in Computer Science (ICIRTCS-2022)"



Online International Conference on "International Conference on "Innovations and Recent Trends in Computer Science" (ICIRTCS-22) was hosted by the Department of Computer Science and Engineering on 25 March, 2022 which aims to provide a common platform to all the leading academic scientist, researchers, professors, and students to share their expertise in the field of engineering and technology with academicians, researchers, scientist, and industrial personnel from around the world.

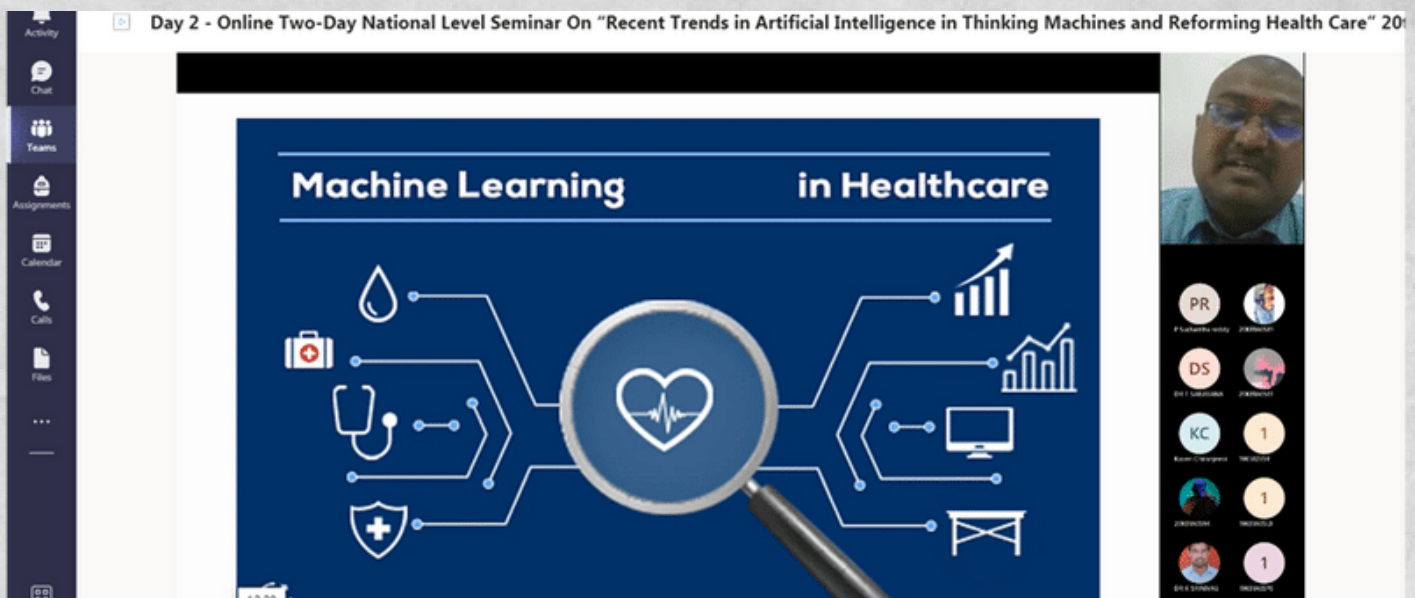
- This International Conference provided an inter-disciplinary platform for academicians, researchers, and other experts from various fields to present their novel ideas, discuss their thoughts, as well as the challenges they faced and the solutions they adopted in the emerging field of Engineering and Technology.
- Around 228 papers were received from faculty, research scholars and students from various engineering college /Universities. Out of which 130 papers were selected and registered for the conference.

Seminar

Two-Day online National Level Seminar on “Recent Trends in Artificial Intelligence in Thinking Machines and Reforming Health care”

A National Level Two-Days Online Seminar on “Artificial Intelligence in Thinking Machines and Reforming Health Care” was hosted by the Department of Computer Science and Engineering on 20 May, 2022 which aims to provide a common platform to all the leading Academic Scientist, Researchers, Professors and Students to exchange ideas and share their innovative views in the latest technologies in different areas like Artificial Intelligence, 3D Deep learning, Machine learning in Health care, Block chain in Health care.

- This Seminar provided an inter disciplinary platform for Academicians, Researchers and other experts from various fields to present their novel ideas, discussed their thoughts and challenges encountered, solutions to be adopted in the emerging areas of Engineering and Technology.
- Around 208 faculty members, Research scholars and Students from various Engineering colleges / Universities were participated in the program from all over the country.



Webinar

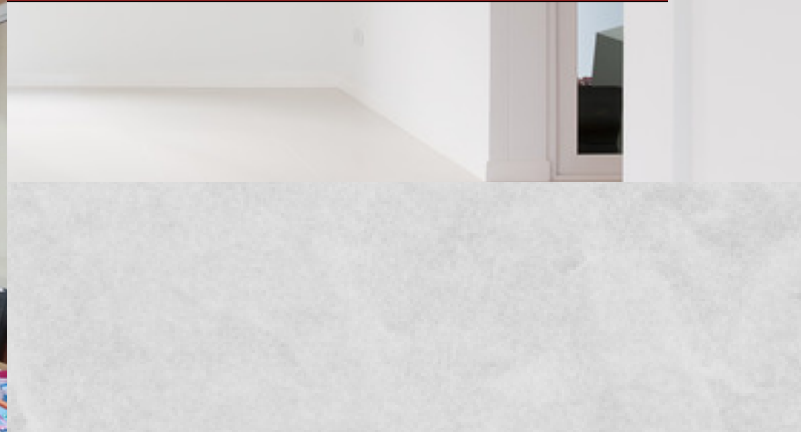
One Day Webinar on “Introduction to Machine Learning and their Applications”

An online webinar on “Introduction to Machine Learning and its Applications” was hosted by Department of Computer Science and Engineering on 6 June, 2022 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 Machine Learning, Deep Learning, Artificial Intelligence.



- This webinar 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.
- Around 120 faculty members, and students from St.Martin's Engineering College participated in the program.

MoUs Agreements



- Department of CSE have signed MoUs with few companies for the benefit of career development, training programs like guest lecture, seminar, workshop, and faculty development program for the students and faculties.
- On 25-10-2021, Indian Servers–A Premier Software Development Company, Andhra Pradesh, had memorandum.
- On 25-10-2021, MSR Edusoft Pvt. Ltd, Hyderabad, had memorandum.
- On 26-10-2021, Pantech E-Learning Pvt Ltd, Hyderabad, had memorandum.

Industrial Visits



- The department of Computer Science and Engineering has organized an industrial visit on 18 December, 2021 to the Hindustan Aeronautics Limited (HAL) at Balanagar for the III year B.Tech. students. Defense minister Rajnath Singh on Monday virtually inaugurated week-long exhibitions by two defense public sector undertakings - Bharat Electronics Ltd (BEL) and Hindustan Aeronautics Ltd (HAL)- as part of the Centre's 'India@75' initiative.
- HAL has showcased its 80 years of heritage, current and futuristic products. HAL-products such as aircraft, helicopters, aero-engines, avionics systems, components and LRUs are displayed at the exhibition.

Club Activities



- **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.**
- **In this sense, 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**



CONFIGURATION NEWSLETTER

CELEBRATIONS

REPUBLIC DAY



The 73rd Republic Day was celebrated with lots of patriotism and happiness by the Management and Staff 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 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. The chairman urged everyone to contribute to Nation building by maintain good health so that we can build a strong Nation.

INDEPENDENCE DAY

The 75th Independence 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 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.



CONFIGURATION NEWSLETTER

CELEBRATIONS

ORIENTATION DAY

Orientation Day 2022 for B.Tech first year students at St. Martin's Engineering College was conducted in a very grand manner. The program was attended by the Chairman, Sri Marri Laxman Reddy Garu, Executive Director Sri G. Chandra Shekhar Yadav Garu, Director Sri Jaikishan Yadav Garu, Principal, Dr. P. Santosh Kumar Patra, HODs, faculty, students and parents. The Principal Sir, in his speech motivated all the students to do hard work for reaching their goals and requested all the parents to take responsibility for their wards' development.



YOGA DAY

St. Martin's Engineering College observed June 21st as International Yoga Day. The staff and students performed yoga exercises under the guidance of yoga guru Sri Ramesh, Miss Sirisha a student accompanied the guru in doing the yoga asanaas. Yoga guru Ramesh emphasized the importance of yoga for the overall well being of a person. It has several health benefits and keeps a person fit and healthy.

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CELEBRATIONS

PLACEMENT DAY



Placement Day” is the most awaited in a graduate’s life. It becomes a day of celebration in a parent’s life by seeing his/her ward as a young professional it remains as a victorious day in a teachers life by beholding his /her student as a nurturing seed St. Martin’s Engineering College an autonomous Institute celebrated a festival of Placements on 3rd June 2022 for the academic year 2021-22, there have been 1158+ offers made and the student achievers are placed in 60+ MNCS being the Principal of St. Martin’s Engineering College. By appreciating Principal they also told behind every great achievement is adreamer of great dreams.

St.Martin’s Engineering College Womens Day Celebrations was hosted on 8th March2022. 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.

WOMEN'S DAY



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CELEBRATIONS

TAM EVENTS

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



BLOOD DONATION CAMP



St Martin's Engineering College took a great initiative for donating blood through "Blood Donation Camp". More than 600 Students Donated blood. Honorable Chairman Sri M. Marri Laxam Reddy, Executive Director Sri G. Chandrashekar Yadav, Principal Dr. P. Santosh Kumar Patra, Red cross Society Chairman Ajay Mishra, General Secretary K. Madan Mohan Rao, and Department of CSE Students joined together to turned out this program into a huge success.

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CELEBRATIONS

FRESHER'S DAY CELEBRATION

Fresher's day was celebrated at St. Martin's Engineering College on 11.03.2022. The seniors of all branches hosted a party for their respective branch Juniors. The event was well organized by seniors with lots of fun games and foot-tapping music. A common DJ was arranged where the juniors and seniors danced to the latest songs. All in all, it was a day to be cherished by the freshers. Chairman Sri M. Laxman Reddy, Executive Director Sri G. Chandrasekhar Yadav, Principal Dr. P. Santosh Kumar Patra, HOD Dr. M. Narayanan, and Faculty Members have participated in the event.



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CELEBRATIONS

TRADITIONAL DAY CELEBRATION



St. Martins Engineering College Celebrated Traditional day on 26.03.2022 with lots of fun and frolic. Branches were allotted different states of India like RAJASTHAN. 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 Principal Dr. P. Santosh Kumar Patra.



CONFIGURATION NEWSLETTER CELEBRATIONS



ANNUAL DAY CELEBRATION

20th Annual Day was celebrated at St. Martin's Engineering College on 4th June 2022, for the historic event Sri Ch. Malla Reddy Garu, Hon'ble Minister, Govt. of Telangana was invited as the Chief Guest. At first the college Chairman Sri M Laxman Reddy Garu, Executive Director, Sri G. Chandrasekhar Yadav Garu, Principal Dr. P. Santosh Kumar Patra, Director Sri G. Rajsekhar Yadav Garu, Director Sri G. JaiKisan Yadav garu, Guestsof honour Smt. Ramadevi ,Principal Unicent High school and Mr. Mohan Naidu, Chairman, Spectrum Publications, Hyderabad were warmly invited on to the stage. The programme was begun with the recitation of prayer song followed by the felicitation to guest, Annual report by the Principal, speeches by Chairman and Executive Director

The Guests congratulated all the winners of various events which included Academic Excellence, Co-Curricular, Extracurricular and Street cause services. All the achievers were bestowed with prizes and certificates. The programme was continued with vote of thanks followed by the most awaited cultural performances and Mr. Nakashaziz mesmerizing special show.

Principal Dr. P. Santosh Kumar Patra sir presented the detailed report on the notable and outstanding achievements of students, staff members and college level mile stones. He expressed his utmost happiness for receiving many laurels to college. He conveyed special appreciations for the placement department on resulting the 100 % placements with a number of 1158+ offer letters in 60+ reputed MNCs; it's his desire to see every student must leave the campus with two documents namely B.Tech Degree and the offer letter. For that they have been implementing many outcome based practices.

Chief Sri Ch Malla Reddy Garu in his speech motivated the student community to perform hard work regularly and achieve success in life. The Chairman sir inspired all the students with his Sports achievements he said that a "A sound body has sound mind" and it is his success mantra the Executive Director sir appreciated all the achievers in various activities congratulated principal and staff for bringing glory to the institution. He also expected the same success story to be repeated.

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NCC

SMEC has NATIONAL CADET CORPS (NCC) girls and boys wing to foster the spirit of team work and management, which leads to the development of student personality. Our department students Ms. V. Uditha, Ms. Akshaya, t v sai chaitanya and Ms. athira are in the team of 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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HELPING HANDS

SMEC has a strong association called Helping Hands. Today, Helping Hands Foundation is a 100+ strong volunteer driven community working in different social domains ranging from education, health, women empowerment to environmental conservation through three mediums: financial donations, on-field activities and social media. Ms. M. Vaishnavi, A. Poojith, B. Tarun, Shiva Yadav and Pavan kumar are the students of CSE department, who are in the team of Helping Hands, they have been a part of various social activities conducted by Helping Hands association.



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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 student Mr. Vedant Rajput has participated in the National Football competition. The following are some achievements of the students from various sport events.



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DEPARTMENT GALLERY



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DEPARTMENT GALLERY



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