

DEPARTMENT OF CS – DATA SCIENCE
NEWS LETTER
FOR THE MONTH OF
JUNE – NOVEMBER 2024



06-06-2024

STUDENT INDUCTION PROGRAMME ON EVOLUTION OF DATA SCIENCE

The Department of Data Science has organized student induction programme entitled on evaluation of data science through this program 46 students gain the knowledge about the recent trends and technology of data science.

4 QUALITY EDUCATION

KS Rangasamy
College of Arts and Science
Autonomous Tiruchengode

17 PARTNERSHIPS FOR THE SKILLS

DEPARTMENT OF DATA SCIENCE
Student Induction Program

Special Talk on
Evolution of Data Science

RESOURCES PERSON
Ms.R.VAITHEESWARI

Founder and CEO
VEE'S TECH
Namakkal

26.06.2024 9:15 am

Patron
Dr.V.PADMANABHAN
Principal

Convenor
Dr.J.RAMESH
HOD

www.ksrce.edu

The guest speaker Ms. R. Vaitheeswari has renowned Data Scientist, emphasized the interdisciplinary nature of data science, combining mathematics, computer science, and domain expertise. Students were encouraged to adopt a problem-solving mindset and stay updated with emerging trends to excel in this dynamic field.

Interactive discussions and real-world examples inspired students to consider the vast potential of data science in shaping their careers and addressing global challenge

The session was a perfect blend of history, innovation, and inspiration, setting a promising tone for the academic year ahead.

To provide students with an understanding of the history, evolution, and foundational concepts of data science.

To showcase how Data science is applied in diverse industries such as healthcare, finance, entertainment and technology

To ignite interest and curiosity among students to pursue data science as a field of study and career path. To raise awareness about the ethical considerations and societal impact of data science and AI technologies.



EVENT OUT COME:

Students gained a comprehensive overview of data science, its historical context, and its transformative potential in solving real-world problems.

The programme laid the groundwork for students to build their skills, setting the stage for their academic and professional journey in data science.

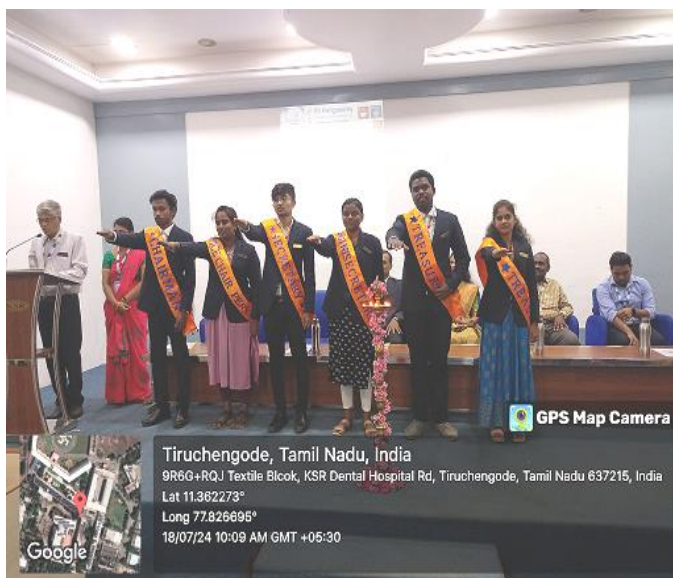


18-07-2024

CLUB INAUGURATION AND SEMINAR ON AI TOOLS



The Department of Data Science has organized club inauguration and seminar on AI Tools. From this event 120 students has grab more information about AI. To inaugurate the club inauguration fostering an environment for students to explore and innovate in the field of artificial intelligence and related technologies.



To motivate students to develop technical and analytical skills critical for thriving in AI-driven industries.

To discuss the ethical implications and societal impact of AI, promoting responsible use of technology.

A vibrant platform now exists for students to collaborate, share ideas, and organize projects in AI and emerging technologies

The **AI Tools Club** is a community of like-minded individuals passionate about exploring, learning, and experimenting with artificial intelligence tools. We aim to foster a space where students, professionals, and hobbyists can come together to collaborate, share knowledge, and stay ahead in the ever-evolving world of AI.

Provide resources and learning opportunities to understand AI tools and technologies and Create networking opportunities for people interested in AI and related fields. Engage in industry talks and collaborate on real-world applications of AI tools.



This special event also includes a **talk on AI tools**, where we'll dive deep into the latest advancements in AI technology, how they are shaping industries, and how they can empower each of us to think differently about the future.

We are thrilled to have some amazing speakers with us today who are experts in the field. We hope this event sparks inspiration and innovation in all of you. Students gained valuable insights into AI fundamentals, applications, and future trends, sparking curiosity and interest in the domain..

23-07-2024

FRESHER'S DAY

The Department of Data Science has conducted a fresher's day. It was lively and welcomes a new Student's with a variety of activity including performance, games. In this event 126 students are looking forward to a successful academic year.



To extend a warm and inclusive welcome to first-year students, helping them feel at home in their new environment. To provide a platform for freshers and senior students to interact, build friendships, and promote a sense of community. To encourage fresher's to display their talents and boost their confidence through participation in cultural and recreational activities. To help new students transition smoothly into college life by introducing them to campus culture in a fun and engaging way.

Today marks the beginning of an exciting journey, one filled with learning, growth, friendships, and opportunities. Freshers' Day is about celebrating you, the newest members of our community.



To provide a platform for freshers to ask questions and clarify any doubts about academic processes, campus facilities, or student life.

To help freshers feel more confident and comfortable as they engage with their peers and start taking part in campus life.



EVENT OUT COME:

- The Freshers' Day was a resounding success, achieving its objectives of welcoming new students, introducing them to the department, and building an encouraging atmosphere for their academic and personal growth.
- The event not only served as a memorable introduction to the department but also laid the foundation for lasting friendships, collaboration, and academic success.
- As a result, the Freshers' Day has become an integral part of our department's tradition, strengthening the sense of belonging and community for new students each year.



27-08-2024

ENTREPRENEURSHIP AND START-UP

KS Rangasamy
College of Arts and Science
Autonomous Tiruchengode

SCHOOL OF COMPUTING SCIENCE
DEPARTMENT OF CS – DATA SCIENCE

In Association with
Institutions Innovation Council (IIC)
Organize
One Day Seminar On
ENTREPRENEURSHIP & START UP

Resource Person
Mr.G.Z.Abuthahir
Imagivite Technology Private Limited
Founder and CEO
KSR Innovation Technology Park,
Tiruchengode

Patron
Dr.V.Padmanabhan
Principal

Convener
Dr.J.Ramesh
HOD

27/08/2024
9:30 a.m.

MCA Lab

www.ksrcas.edu



To share success stories and lessons learned from industry leaders and start-up founders, offering actionable advice for aspiring entrepreneurs.

To highlight entrepreneurship as a pathway to self-reliance, leadership, and societal impact.

The department of Data Science has organized Entrepreneurship and Start-up .From this event student have learned how to make a valuable connections with potential partners,investors,mentors and other entrepreneurs .Our 65 students exposure to new ideas and success stories can inspire attenders to think creatively and innovate in their own ventures.

To inspire students to adopt an entrepreneurial mindset and recognize opportunities in problem-solving and innovation.



To familiarize participants with the essentials of building a start-up, including idea generation, funding, and scaling.

To motivate students to think creatively and explore innovative solutions for real-world challenges.

OUTCOMES OF THE EVENT:

- Participants acquired practical tips and strategies for starting and sustaining a business, including market analysis, pitching, and team building.
- The event provided a platform for students to connect with mentors, industry experts, and peers with shared interests.
- Students expressed interest in developing their ideas further, with plans to participate in incubation programs or start-up competitions.

03-10-2024

HANDS – ON TRAINING IN PYTHON



The Department of Data Science has conducted Hands-on training in python. Through this event 33 students has inspired to pursue new ideas, projects or areas of study in python.

To provide students with a foundational understanding of Python, one of the most versatile and widely-used programming languages.

To cover essential topics like data types, control structures, functions, and libraries, setting the stage for advanced program



To encourage logical thinking and analytical skills, empowering students to tackle challenges effectively.

To prepare students for further learning in fields such as data science, machine learning, and web development.

Students gained hands-on experience in Python, building confidence in writing and debugging code.

Participants demonstrated enhanced logical reasoning by applying Python to solve structured programming problems.

Students acquired a solid grasp of Python fundamentals, including syntax, libraries, and best practices.

The interactive nature of the training inspired students to explore programming further and experiment with personal projects.



OUTCOMES OF THE EVENT:

- The event Participants Attendees leave inspired to pursue new ideas, projects, or areas of study within Python.
- The event may lead to the creation of study groups, online forums, or additional workshops to learning and collaboration.
- The event not only served as an introduction to Python programming but also laid the groundwork for continued learning and skill development in the Python ecosystem.
- Participants left with a renewed sense of enthusiasm and a clear path forward to further their programming journey.

04-10-2024 to 06.10.2024

INDUSTRIAL VISIT

The **Department of Data Science** is pleased to organize an **industrial visit to Kinfra Hi-Tech Park, Kochi**, a hub of innovation and cutting-edge technologies. This visit is designed to bridge the gap between academic knowledge and real-world applications, providing students with an opportunity to explore how data-driven technologies are transforming industries.

Overall, the experience bridged the gap between academia and industry, equipping students for successful careers in their respective fields.



OUTCOME OF THE EVENT:



Understand how data science, AI, and machine learning are implemented in industries like IT.

Gaining insights into how data analytics supports decision-making and operational efficiency in advanced manufacturing and tech companies.

Explore cutting-edge technologies such as IoT, robotics, and cloud computing integrated with data science solutions.

Interact with startups incubated at Kinfra and learn how data science aids in innovation and scaling businesses.

Witness data-driven decision-making in action in various industry sectors.

Engage in a brief workshop or simulation on a data science project. Interactions with industry professionals offered career guidance and insights into emerging trends, encouraging students to develop critical thinking and innovation skills.

The visit also highlighted the importance of sustainability in industrial operations, inspiring students to integrate eco-friendly practices into their future work.

- ✓ The industrial visit to KNIFRA Hi-Tech Park provided students with invaluable exposure to cutting-edge technologies and real-world industrial practices.
- ✓ It enhanced their understanding of the practical applications of theoretical concepts, especially in advanced manufacturing, robotics, and renewable energy.
- ✓ Interactions with industry professionals offered career guidance and insights into emerging trends, encouraging students to develop critical thinking and innovation skills.
- ✓ The visit also highlighted the importance of sustainability in industrial operations, inspiring students to integrate eco-friendly practices into their future work.
- ✓ Overall, the experience bridged the gap between academia and industry, equipping students for successful careers in their respective fields.

21-10-24

WORLD FOOD DAY

The Department of Data Science has organized the event of world food day. Through this event 44 students has enhanced public understanding of has enhanced public understanding of hunger, feed security and nutrition issues. The event may also helpful to strengthened policies aimed at improving food security and promoting sustainable agriculture.



- To educate students about global hunger, food security, and the importance of sustainable food systems.
- To encourage students to adopt balanced and nutritious diets as part of their daily lifestyle.
- To instill a sense of social responsibility among students by highlighting the need to reduce food waste and support local food producers.
- To inspire students to participate in initiatives aimed at addressing hunger and promoting sustainable agricultural practices.



The event inspired participants to prioritize healthy eating habits and make informed food choices.

Many students expressed interest in joining food donation drives and local initiatives to combat hunger.

The event promoted mindful consumption, encouraging participants to adopt strategies to minimize food wastage.



OUTCOME OF THE EVENT:

- ✓ World Food Day serves as a powerful platform to raise awareness about global.
- ✓ It encourages communities to adopt sustainable practices, such as reducing food waste and supporting local farmers, thereby contributing to healthier ecosystems and resilient economies.
- ✓ This global observance highlights the importance of ensuring food security and nutrition for all while addressing challenges such as hunger, malnutrition, and sustainable food systems.

FACULTY ACTIVITIES:

SL.NO.	NAME OF THE FACULTY	CONFERENCE/ JOURNAL/ WORKSHOP/F DP/ WEBINAR/ SYMPOSIUM/ RESOURCE PERSON/ ADJUDICATOR / JURY...	EVENT TITLE	VENUE/ PUBLISHER	DATE
1	Mrs.R.Revathi	NPTEL	Introduction to internet of things	Elite	July-October
2	Dr.J.Ramesh	International Conference	Enhancing network security through Threat Intelligence	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
3	Mrs.R.Revathi	International Conference	A study of cyber security challenges and its emerging trends in the latest technologies	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
4	Dr.J.Ramesh	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
5	Mrs.R.Revathi	International Conference	Human factors in cyber security : Risks and Impacts	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
6	Mrs.Umaparameshwari	Publications	Automated driver alert and speed reduction system for sleep detection	SRM Institute of science&technology	4.10.2024
7	Mrs.R.Revathi	Faculty Development Program	Experimental Teaching Using AI Technologies	K.S.Rangasamy College of Arts and Science.	30.08.2024 - 06.09.2024
8	Ms.T.C.Sindhuja	Faculty Development Program	Experimental Teaching Using AI Technologies	K.S.Rangasamy College of Arts and Science.	30.08.2024 - 06.09.2024

9	Dr.J.Ramesh	Proceedings	Use of wireless sensor Networks in smart homes	Hindusthan College Of Science and Commerce	23.08.2024
10	Mrs.R.Revathi	Proceedings	Network security and cryptography	Hindusthan College Of Science and Commerce	23.08.2024
11	Mr.Manikandan	Faculty Development Program	Deep learning and IOT technologies in precision health care	Kongu Engineering College	17.08.2024
12	Ms.T.C.Sindhuja	Faculty Development Program	Deep learning and IOT technologies in precision health care	Kongu Engineering College	17.08.2024
13	Mrs.R.Revathi	Faculty Development Program	Deep learning and IOT technologies in precision health care	Kongu Engineering College	17.08.2024
14	Mrs.R.Revathi	Faculty Development Program	Exploring new frontiers in Technology Tools,AI and Data Analytics.	Measi Institute of Information Technology	29.07.2024
15	Mrs.R.Revathi	NatiobnalWorksh op	Innovating Educational with artificial intelligence	K.S.Rangasamy College of Arts and Science	23.07.2024
16	Mrs.R.Revathi	National Webinar	Mastering the art of hackathons for innovations.	Hindusthan College of Arts and Commerce	22.07.2024
17	Mrs.R.Revathi	Faculty Development Program	Investors Awariness Program For Women	K.S.Rangasamy College of Arts and Science	15.07.2024
18	Mrs.R.Revathi	Faculty Development Program	Practicing analytics With Data Science	CRM University	12.07.2024
19	Ms.T.C.Sindhuja	Faculty Development Program	Google AI-ML	KSR College of Engineering	08.07.2024 — 13.07.2024

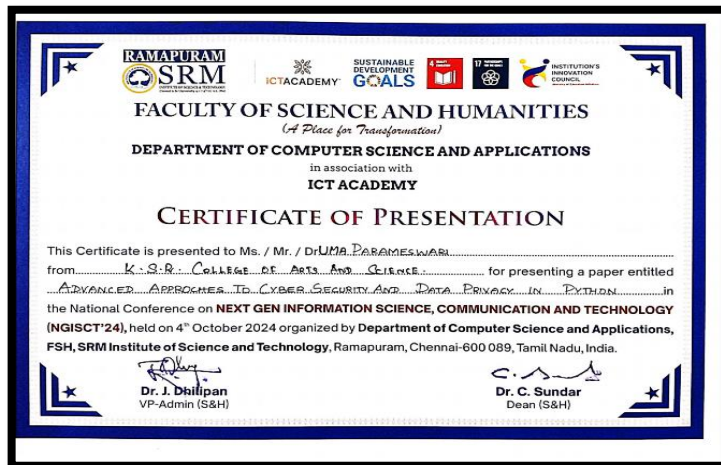
GLIMPSE

FACULTY ACHIEVEMENT

NPTEL COURSE



PAPER PRESENTATION



PAPER PRESENTATION



STUDENT ACHIEVEMENTS:

S.NO	NAME OF THE STUDENT	YEAR	CONFERENCE/ JOURNAL/ WORKSHOP/FDP/ WEBINAR/ SYMPOSIUM/ SPORTS/ COMPETITIONS/ NCC/NSS/ PLACEMENT	TITLE	PUBLISHER/VENU E/ PRIZE/ WINNER-RUNNER	DATE
1	Varnikhashree.S	II	NPTEL	Google cloud computing foundations	Elite	Aug - Oct
2	Angath.A	II	NPTEL	Google cloud computing foundations	Course completed	Aug - Oct
3	Kavinesh.K	III	Quiz	Wild life	II-Prize Tamil Nadu forest department wild life division, Namakkal	14.11.2024
4	Jenifer.W	II	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
5	Denotharan.S	II	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
6	VarnikaSree.S	II	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
7	Vishalini.P	II	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024
8	HariPrasath.S	II	International Conference	Cyber security in digital banking sector	Dwaraka Doss Goverdhan Doss Vaishnavcolloge in Chennai	15.10.2024 & 16.10.2024

9	Shreemathi.P	I	National Conference	Automated driver alert and speed reduction system for sleep detection	SRM Institute of Science & Technology	4.10.2024
10	WillwinJoseph.S	III	National Conference	Automated driver alert and speed reduction system for sleep detection	SRM Institute of Science & Technology	4.10.2024
11	Vishalini.P	II	Workshop	Generative AI Workshop	Online	9.9.2024
12	Pavithra.K	II	Workshop	Generative AI Workshop	Online	9.9.2024
13	Denotharan.S	II	Workshop	Generative AI Workshop	Online	9.9.2024
14	Shruthika.A	II	Workshop	Generative AI Workshop	Online	9.9.2024
15	Kapila.M	I	Workshop	Generative AI Workshop	Online	9.9.2024
16	Vishalini.P	II	Webinar	DELNET : Resources &services	K.S.Rangasamy College of Arts and Science	13.8.2024
17	Shruthika.A	II	Webinar	DELNET : Resources &services	K.S.Rangasamy College of Arts and Science	13.8.2024
18	Pavithra.K	II	Webinar	DELNET : Resources &services	K.S.Rangasamy College Of Arts and Science	13.8.2024
19	VarnikaShree.S	II	National symposium	Paper presentation	Hindusthan College Of Science and Commerce	23.8.2024
20	Denotharan.S	II	National symposium	Quiz	Hindusthan College Of Science and Commerce	23.8.2024

21	Manish.S	II	National symposium	Quiz	Hindusthan College Of Science and Commerce	23.8.2024
22	Vishalini.P	II	National symposium	Paper presentation	HindusthanCollege Of Science and Commerce	23.8.2024
23	Shruthika.A	II	National symposium	Paper presentation	HindusthanCollege Of Science and Commerce	23.8.2024
24	Pavithra.K	II	National symposium	Quiz	HindusthanCollege Of Science and Commerce	23.8.2024
25	Partahasarathi.k	II	Inter-Collegiate Tournaments	Sports	K.S.Rangasamy College Of Arts and Science	14.10.2024 & 15.10.2024

SNAPS

INTER COLLEGIATE TOURNAMENTS 2024



INTER COLLEGIATE TOURNMENT AT PERIYAR UNIVERSITY

NEPTEL COURSE



QUIZ COMPETITION



K. Kavinesh, (III- Year) have Received Certificate from Collector, **Namakkal District**.

PAPER PRESENTATION



National Level Conference at SRM Institute of Science and Technology, Chennai