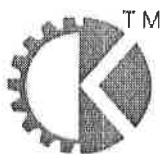


**3.2.2(4)**

**Seminars/Workshops organized**

**During the A.Y 2020-21**



# DRK INSTITUTE OF SCIENCE & TECHNOLOGY

BOWRAPPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043

Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: [www.drkist.edu.in](http://www.drkist.edu.in)

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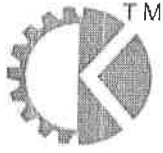
## List of Seminars/Workshops

A.Y.2020-21

S.No	Name of the Programme	Date	No. of Participants	Details of the Resource Person
1.	Emerging Trends in Data Science Development	10/02/2021	30	Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad
2.	Deep Learning Development for Image and Speech Recognition	11/12/2020	26	Mr Mujamil, Software Developer, IBM, Bangalore
3.	Policy and Governance in Intellectual Property Rights	12/11/2020	30	Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad
4.	Advances in Green Entrepreneurship	10/11/2020	36	Mr Sandeep M, Software Engineer, Goldman Sach, Bangalore

**Principal**  
PRINCIPAL

DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043



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Ref.NO: DRKIST/Research/2020-21/07

Date: 03/02/2021

## CIRCULAR

The Department of Computer Science & Engineering is organizing a "One Day Seminar on Emerging Trends in Data Science Development" on 10<sup>th</sup> February 2021.

All students are requested to attend the Seminar on 10<sup>th</sup> February 2021. Interested faculty members are also encouraged to participate in the program without fail.

Event: One-day Seminar on Emerging Trends in Data Science Development.

Speaker: Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad

Date: 10/02/2021

Venue: Seminar Hall

Timing: 9:30 AM

  
HoD

Copy to:

1. Copy to Principal.
2. Copy to Office room.
3. Copy to Notice board.
4. Copy to TPO.
5. Head of CSE Dept.
6. Head of CSE (AIML) Dept.
7. Head of CSE (DS) Dept.
8. Head of EEE Dept.
9. Head of ECE Dept.
10. Head of MECH Dept.

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## ABOUT THE DRKIST

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao. He founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu. Mr. D. B. ChandShekar Rao, a distinguished and successful entrepreneur, established the institute with an unwavering commitment to providing high-quality education. His vision was to create a leading institution that would contribute to the nation's economic and industrial growth. DRK Institute of Science and Technology is part of the DRK Educational Society, which has made significant investments in infrastructure, academic resources, and career development opportunities for its students. The institute dedicates itself to cultivating a dynamic learning environment that enhances its students' conceptual and technical skills, equipping them for the challenges of the modern world.

## ABOUT THE CSE DEPARTMENT

The department of Computer Science and Engineering was established in the year 2004 and offers undergraduate programs to students from urban and rural areas of India. The department has well equipped computing laboratories and a rich repository of Software & Hardware covering a wide spectrum of applications. The department strongly emphasizes on learning fundamentals and analyzing latest technology to develop student's creativity by encouraging them to take up projects with varying levels of complexity. DRK values the importance of this stream, and honors it by providing the course.

## ABOUT THE CERTIFICATE PROGRAM

Emerging trends in data science developments are shaping the future of analytics and decision-making. Key advancements include the rise of artificial intelligence and machine learning models that enhance predictive capabilities, the integration of big data technologies for managing vast datasets, and the growing use of real-time analytics for more immediate insights. Additionally, there is a focus on ethical data practices and the development of tools that improve data accessibility and visualization, driving more informed and actionable business strategies.

## TOPICS COVERED

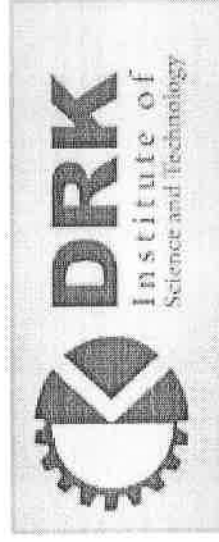
- Automated Machine Learning
- Explainable AI
- Edge Computing and Real-Time Data Processing
- Integration of Big Data and Blockchain

A ONE DAY SEMINAR  
PROGRAMME

On

Emerging Trends in  
Data Science  
Development

February 10<sup>TH</sup> 2021



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ACADEMY,  
HYDERABAD-500043  
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Coordinator  
M.Priyanka  
Assistant Professor, CSE

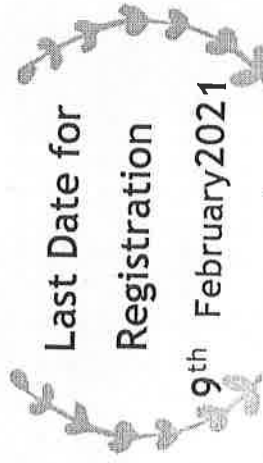
Dr. N.Ragava Rao

Head

ADDRESS FOR COMMUNICATION

M.Priyanka  
Coordinator, CSE  
Assistant Professor, 7013511455  
priyanka@gmail.com

REGISTRATION DETAILS



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"Embrace automation  
and empower yourself  
to achieve greater  
things."

REGISTRATION FORM

**ONEDAY SEMINAR  
PROGRAMME**

*On  
Emerging Trends in Data Science  
Development*

Name: Mr. /Ms.: \_\_\_\_\_

Reg. No: \_\_\_\_\_

Department: \_\_\_\_\_

Organization: \_\_\_\_\_

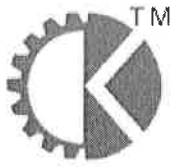
Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of Participant



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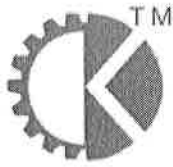
## LIST OF PARTICIPANT

**Name of the program:** One-day Seminar on Emerging Trends in Data Science Development

**Date:** 10/02/2021

S.no	Name of the participant	Roll number	Course and year	Signature
1	A.NIKHIL KUMAR	20N71A0501	1st year CSE	Nikhil kumar
2	ATYAM MONIKA	20N71A0506	1st year CSE	monika
3	CH. RITHIK KUMAR	20N71A0512	1st year CSE	Rithik
4	D.SAI DURGA PRASAD	20N71A0516	1st year CSE	Prasad
5	K.VENU	20N71A0527	1st year CSE	K.Venu
6	KANDOUR SNEHA	20N71A0529	1st year CSE	sneha
7	KARANGULA ARUN REDDY	20N71A0530	1st year CSE	Arun
8	KARETI LAKSHMI MOUNIKA	20N71A0531	1st year CSE	Mounika
9	KOLLI GAYATRI	20N71A0534	1st year CSE	K. Gayatri
10	PEYYALA DIVYA	20N71A0554	1st year CSE	Divya.P
11	PILLI VINITHA	20N71A0555	1st year CSE	Vinitha
12	U SAI KUMAR	20N71A0569	1st year CSE	Sai
13	GUDURE NAVEEN	20N71A6607	1st year CSM	Naveen
14	KASANA RUCHITHA	20N71A6611	1st year CSM	Ruchitha
15	KILARI NAGA TEJA	20N71A6612	1st year CSM	Teja
16	KOGANTI SHRI VAMMSI	20N71A6613	1st year CSM	Vammsi
17	KONGA SONI	20N71A6614	1st year CSM	Soni
18	MAAKA NARAHARI	20N71A6615	1st year CSM	Narahari
19	MANDALAJU SARITHA	20N71A6616	1st year CSM	Sarika
20	MERUGUMANA	20N71A6618	1st year CSM	jevan

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	JEEVAN			
21	YERRA SRIKANTH	20N71A6637	1st year CSM	Srikanth
22	YUVRAJ SINGH	20N71A6638	1st year CSM	Yuvraj
23	ATLURI VIGNESHWAR RAO	20N71A6701	1st year CSD	Vigneshwar Rao
24	K. RAJESH	20N71A6703	1st year CSD	Rajesh
25	KICHUGARI SWATHI	20N71A6704	1st year CSD	Swathi
26	LAXMAIAHGARI HANISH	20N71A6706	1st year CSD	Hanish
27	N SATHVIK REDDY	20N71A6707	1st year CSD	Sathvik Reddy
28	P. LOKESH	20N71A6708	1st year CSD	P. Lokesh
29	V PRAVALIKA	20N71A6712	1st year CSD	Pravalika
30	Y BHUVAN SAI	20N71A6713	1st year CSD	Bhuvan Sai. Y

  
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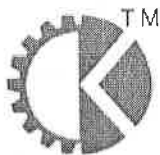
(Approved by AICTE, Affiliated to JNTUH)

**Name of the Program:** One-day Seminar on Emerging Trends in Data Science Development.

**Date:** 10/02/2021

S.no	Name of the Faculty members	Department	Signature
1	Mr.MADHUSUDAN REDDY JULAKANTI	CSE	
2	Mrs.PASIKANTI GEETHANJALI	CSE	
3	Mrs.NIDAMANURI SOWJANYA	CSE	
4	Mr.MADISHETTI PRAVEENKUMAR	CSE	
5	Mr.SANDEEP ANDE	CSE	
6	Dr.MUNAGOTIVENKATA PAVAN	Mechanical	
7	Mrs.VIJAYAGIRI MANASA	CSD	
8	Mr.NAGARAJU NEELAKANTA	CSE(AI&ML)	
9	Mrs.K JYOTHI	CSE	
10	Mrs.SRUJANA VEMULA	CSE	
11	Mrs.PATHLOTHLAKSHMI VIJAYA	CSE	
12	Mrs.SHRAVYA NALLA	CSE	





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Date: 10/02/2021

## PROGRAMME REPORT

<b>Programme name</b>	One-day Seminar on Emerging Trends in Data Science Development.
<b>Resource person</b>	Mrs Mary Sudha
<b>Date of activity</b>	10/02/2021
<b>Organized by</b>	DRK Institutes of Science & Technology
<b>Venue</b>	Seminar Hall
<b>Number of Students attended</b>	30

### Introduction

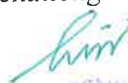
Data science has become a cornerstone of modern technology, driving innovations across various sectors. As we move further into 2024, several emerging trends and advancements in data science are poised to reshape industries and redefine the way we analyze, interpret, and utilize data. This article explores the most significant data science trends that are expected to make a substantial impact in the coming years.

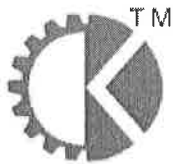
### 1. Automated Machine Learning (AutoML)

Automated Machine Learning (AutoML) is revolutionizing the data science landscape by making it more accessible and efficient. AutoML platforms simplify the process of building machine learning models, allowing data scientists and non-experts alike to develop robust models with minimal coding. This trend is expected to democratize data science, enabling businesses of all sizes to harness the power of machine learning without the need for extensive expertise.

### 2. Explainable AI (XAI)

As AI systems become more complex, the need for transparency and interpretability has never been greater. Explainable AI (XAI) aims to address this challenge by making AI

  
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models make decisions, enhancing trust and accountability. This trend is particularly important in regulated industries such as healthcare and finance, where understanding the decision-making process is crucial.

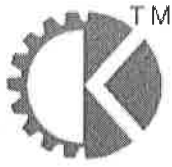
### 3. Edge Computing and Real-Time Data Processing

The proliferation of IoT devices and the demand for real-time data processing have given rise to edge computing. By processing data closer to the source, edge computing reduces latency and bandwidth usage, enabling faster decision-making and real-time analytics. This trend is particularly relevant for applications such as autonomous vehicles, smart cities, and industrial automation, where timely data processing is critical.

### 4. Integration of Big Data and Blockchain

The convergence of big data and blockchain technology is creating new opportunities for secure and transparent data management. Blockchain's decentralized nature ensures data integrity and security, making it an ideal solution for handling large datasets and ensuring data provenance. This trend is expected to enhance data security and trust, particularly in industries such as supply chain management, healthcare, and finance

  
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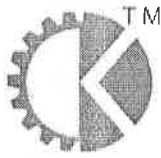
(Approved by AICTE, Affiliated to JNTUH)

### Program Schedule:

1. 9:00 AM - 9:30 AM: Registration and Welcome Coffee
2. 9:30 AM - 10:00 AM: Opening Remarks and Emerging Trends in Data Science Development
3. 10:00 AM - 11:00 AM: Importance of Emerging Trends in Data Science Development
4. 11:00 AM - 11:30 AM: Break
5. 11:30 AM - 12:30 PM: Advantages of Emerging Trends in Data Science Development
6. 12:30 PM - 1:30 PM: Lunch Break
7. 1:30 PM - 2:30 PM: Current Trends in Emerging Trends in Data Science Development
8. 2:30 PM - 3:30 PM: Challenges and Ethical Considerations
9. 3:30 PM - 4:00 PM: Break
10. 4:00 PM - 4:30 PM: Future Directions in Emerging Trends in Data Science Development
11. 4:30 PM - 4:45 PM: Q&A Session and Closing Remarks

This structure ensures a comprehensive exploration of Emerging Trends in Data Science Development, providing attendees with a solid understanding of the topic and its significance.

  
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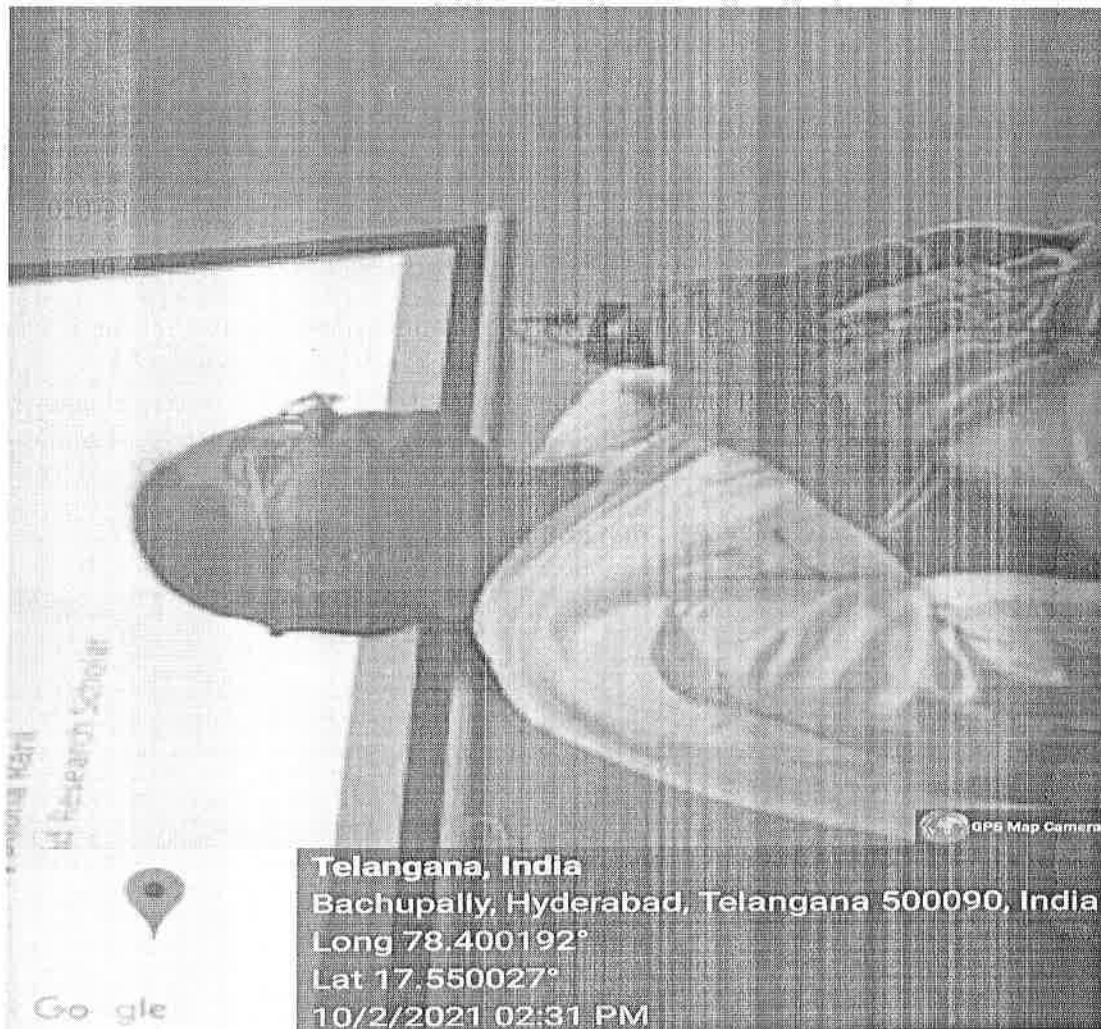
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DATE : 10-02-2021,2:38PM

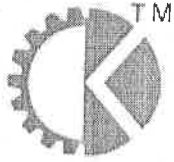
Name of the Program: One-day Seminar on Emerging Trends in Data Science Development.

Resource Person with Affiliation: Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad

### Event Program



*Mary Sudha*  
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Ref.NO:DRKIST/Research/2020-21/06

Date: 04/12/20

## CIRCULAR

The Department of Computer Science & Engineering is organizing a "One Day Seminar on the role of Deep Learning Development for Image and Speech Recognition" on 11<sup>th</sup> DECEMBER 2020.

All students are requested to attend the Seminar on 11<sup>th</sup> DECEMBER 2020. Interested faculty members are also encouraged to participate in the program without fail.

Event: One-day Seminar on the role of Deep Learning Development for Image and Speech Recognition

Speaker: Mr Mujamil, Software Developer, IBM, Bangalore

Date: 11/12/2020

Venue: Seminar Hall

Timing: 9:30 AM

  
HoD

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1. Copy to Principal.
2. Copy to Office room.
3. Copy to Notice board.
4. Copy to TPO.
5. Head of CSE Dept.
6. Head of CSE (AIML) Dept.
7. Head of CSE (DS) Dept.
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## ABOUT THE CERTIFICATE PROGRAM

Deep learning has revolutionized image and speech recognition by enabling machines to process and interpret vast amounts of data with unprecedented accuracy. Through neural networks, particularly convolutional neural networks (CNNs) for images and recurrent neural networks (RNNs) for speech, these systems learn complex patterns and features. This has led to significant advancements in applications such as facial recognition, language translation, and voice assistants, making them more intuitive and effective.

## TOPICS COVERED

- Image Recognition
- Speech Recognition
- Shared Technologies

  
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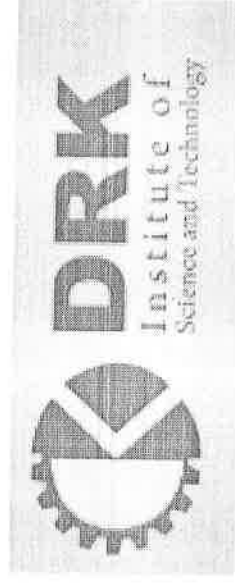
DRK Institute of Science & Technology  
Bowrampet, Ghatkesarapur, Hyderabad-500 043.

A ONE DAY SEMINAR  
PROGRAMME

On

Role of Deep  
Learning  
Development for  
Image and Speech  
Recognition

December 11<sup>TH</sup> 2020



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SCIENCE & TECHNOLOGY  
BOWRAMPET (V), VIA AIRFORCE  
ACADEMY,  
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Sri .D.B Chandra Shekara Rao

Chairman

Patrons

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Secretary

Sri D.Sriram  
Treasurer

Dr. Venkata Subbaiah  
Principal

Coordinator  
P. Geetanjali  
Assistant Professor, CSE

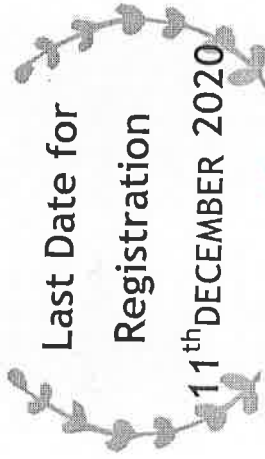
Dr. N.Ragava Rao

Head

ADDRESS FOR COMMUNICATION

P. Geetanjali  
Coordinator, CSE  
Assistant Professor, 9848591125  
geetp@gmail.com

REGISTRATION DETAILS



Last Date for  
Registration  
11<sup>th</sup> DECEMBER 2020

*Srii*  
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Bowrampet, Outubullapur, Hyderabad-500 043.

"Embrace automation  
and empower yourself  
to achieve greater  
things."

REGISTRATION FORM  
ONE DAY SEMINAR

PROGRAMME

On

*Role of Deep Learning Development for  
Image and Speech Recognition*

Name: Mr. /Ms.: \_\_\_\_\_

Reg. No: \_\_\_\_\_

Department: \_\_\_\_\_

Organization: \_\_\_\_\_

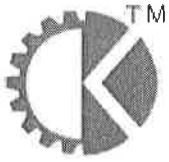
Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of Participant



# DRK INSTITUTE OF SCIENCE & TECHNOLOGY

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## LIST OF PARTICIPANT

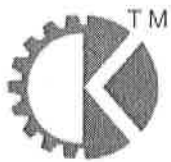
**Name of the Program:** One-day seminar on the role of Deep Learning Development for Image and Speech Recognition

**Date:** 11/12/2020

S.no	Name of the participant	Roll number	Course and year	Signature
1	A.NIKHIL KUMAR	20N71A0501	1 <sup>st</sup> year CSE	Kumar
2	ATYAM MONIKA	20N71A0506	1 <sup>st</sup> year CSE	MONIKA
3	CH. RITHIK KUMAR	20N71A0512	1 <sup>st</sup> year CSE	Rithik Kumar
4	D.SAI DURGA PRASAD	20N71A0516	1 <sup>st</sup> year CSE	Sai Durgaprasad
5	K.VENU	20N71A0527	1 <sup>st</sup> year CSE	K.venu
6	KANDLOOR SNEHA	20N71A0529	1 <sup>st</sup> year CSE	Sneha
7	KARANGULA ARUN REDDY	20N71A0530	1 <sup>st</sup> year CSE	Arun
8	KARETI LAKSHMI MOUNIKA	20N71A0531	1 <sup>st</sup> year CSE	K. Lakshmi Mounika
9	KOLLI GAYATRI	20N71A0534	1 <sup>st</sup> year CSE	Gayatri
10	PEYYALA DIVYA	20N71A0554	1 <sup>st</sup> year CSE	
11	PILLI VINITHA	20N71A0555	1 <sup>st</sup> year CSE	P.V
12	U SAI KUMAR	20N71A0569	1 <sup>st</sup> year CSE	Sai
13	GUDURE NAVEEN	20N71A6607	1 <sup>st</sup> year CSM	Naveen
14	KASANA RUCHITHA	20N71A6611	1 <sup>st</sup> year CSM	Ruchitha
15	KILARI NAGA TEJA	20N71A6612	1 <sup>st</sup> year CSM	
16	KOGANTI SHRI VAMMSI	20N71A6613	1 <sup>st</sup> year CSM	Shriram
17	KONGA SONI	20N71A6614	1 <sup>st</sup> year CSM	Soni
18	MAAKA NARAHARI	20N71A6615	1 <sup>st</sup> year CSM	
19	MANDALAJU SARITHA	20N71A6616	1 <sup>st</sup> year CSM	M. Saritha
20	MERUGUMANA JEEVAN	20N71A6618	1 <sup>st</sup> year CSM	Jeevan
21	YERRA SRIKANTH	20N71A6637	1 <sup>st</sup> year CSM	Srikant
22	YUVRAJ SINGH	20N71A6638	1 <sup>st</sup> year CSM	Yuvraj Singh
23	ATLURI VIGNESHWAR RAO	20N71A6701	1 <sup>st</sup> year CSD	A. Vigneshwar
24	K. RAJESH	20N71A6703	1 <sup>st</sup> year CSD	Rajesh
25	KICHUGARI SWATHI	20N71A6704	1 <sup>st</sup> year CSD	Swathi
26	LAXMAIAHGARI HANISH	20N71A6706	1 <sup>st</sup> year CSD	Hanish

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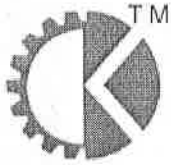
(Approved by AICTE, Affiliated to JNTUH)

**Name of the program:** One-day Seminar on the role of Deep Learning Development for Image and Speech Recognition

**Date:** 11/12/2020

S.no	Name of the Faculty members	Department	Signature
1	Mrs.D.Sunnetha	CSE	
2	Mr.Gowtham Kumar	CSE	
3	Mrs.S Lavanya	CSE	
4	Mrs.G Rajeshwari	CSE	
5	Dr Hima Bindu	CSE	
6	Mr.MADISHETTI PRAVEENKUMAR	CSE	
7	Mrs.BIA ROSHINI SHAIK	ECE	
8	Mrs.C Nirosha	ECE	
9	Mrs.VIJAYAGIRI MANASA	CSE(DS)	
10	Mrs.SALENDRA HARIKA	CSE(DS)	
11	Mrs.ANJALI GORUKANTI	CSE(DS)	
12	Mrs.Gandu Rajeshwari	CSE(DS)	

  
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Date: 11/12/2020

## PROGRAMME REPORT

<b>Programme name</b>	One-day Seminar on the role of Deep Learning Development for Image and Speech Recognition.
<b>Resource person</b>	Mr Mujamil
<b>Date of activity</b>	11/12/2020
<b>Organized by</b>	DRK Institutes of Science & Technology
<b>Venue</b>	Seminar Hall
<b>Number of Students attended</b>	30

### Objectives:

#### Image Recognition:

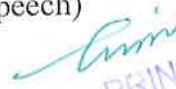
1. Accurate object detection and classification
2. Efficient feature extraction and representation
3. Robustness to variations in lighting, pose, and occlusion
4. Improved performance on benchmark datasets
5. Real-time image recognition for applications like self-driving cars and surveillance

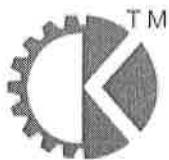
#### Speech Recognition:

1. High accuracy in speech-to-text transcription
2. Robustness to noise, accents, and speaking styles
3. Real-time speech recognition for applications like voice assistants and transcription services
4. Improved performance on benchmark datasets
5. Ability to recognize and transcribe multiple speakers and languages

#### Shared Objectives:

1. Developing more efficient and scalable deep learning models
2. Improving generalization abilities to unseen data
3. Enhancing interpretability and explainability of models
4. Reducing training time and computational resources
5. Integrating multimodal recognition capabilities (e.g., image and speech)

  
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### Overview of seminar:

#### Image Recognition:


- Convolutional Neural Networks (CNNs) for feature extraction and classification
- Architectures like AlexNet, VGGNet, and ResNet for image classification
- Object Detection techniques like YOLO, SSD, and Faster R-CNN
- Image segmentation and generation techniques like Mask R-CNN and GANs

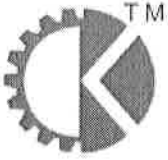
#### Speech Recognition:

- Recurrent Neural Networks (RNNs) and Long Short-Term Memory (LSTM) networks for sequential data processing
- Architectures like Deep Speech and Baidu's Deep Speech 2 for speech-to-text transcription
- Techniques like Convolutional Neural Networks (CNNs) and Attention mechanisms for speech recognition
- End-to-end models like WaveNet and Deep Voice for speech synthesis

#### Shared Technologies:

- Neural networks and deep learning frameworks like TensorFlow, PyTorch, and Keras
- Optimization techniques like Stochastic Gradient Descent (SGD) and Adam
- Regularization techniques like Dropout and Batch Normalization
- Large-scale datasets like ImageNet and LibriSpeech for training and evaluation

  
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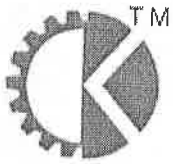
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### Program Schedule:

1. 9:00 AM - 9:30 AM: Registration and Welcome Coffee
2. 9:30 AM - 10:00 AM: Opening Remarks and Introduction to Deep Learning Development for Image and Speech Recognition
3. 10:00 AM - 11:00 AM: Importance of Image Recognition and Speech Recognition
4. 11:00 AM - 11:30 AM: Break
5. 11:30 AM - 12:30 PM: Advantages of Deep Learning Development for Image and Speech Recognition
6. 12:30 PM - 1:30 PM: Lunch Break
7. 1:30 PM - 2:30 PM: Current Trends in Deep Learning Development for Image and Speech Recognition
8. 2:30 PM - 3:30 PM: Challenges and Ethical Considerations
9. 3:30 PM - 4:00 PM: Break
10. 4:00 PM - 4:30 PM: Future Directions in Deep Learning Development for Image and Speech Recognition
11. 4:30 PM - 4:45 PM: Q&A Session and Closing Remarks

This structure ensures a comprehensive exploration of the role of Deep Learning Development for Image and Speech Recognition, providing attendees with a solid understanding of the topic and its significance.

*P. Srinivas*  
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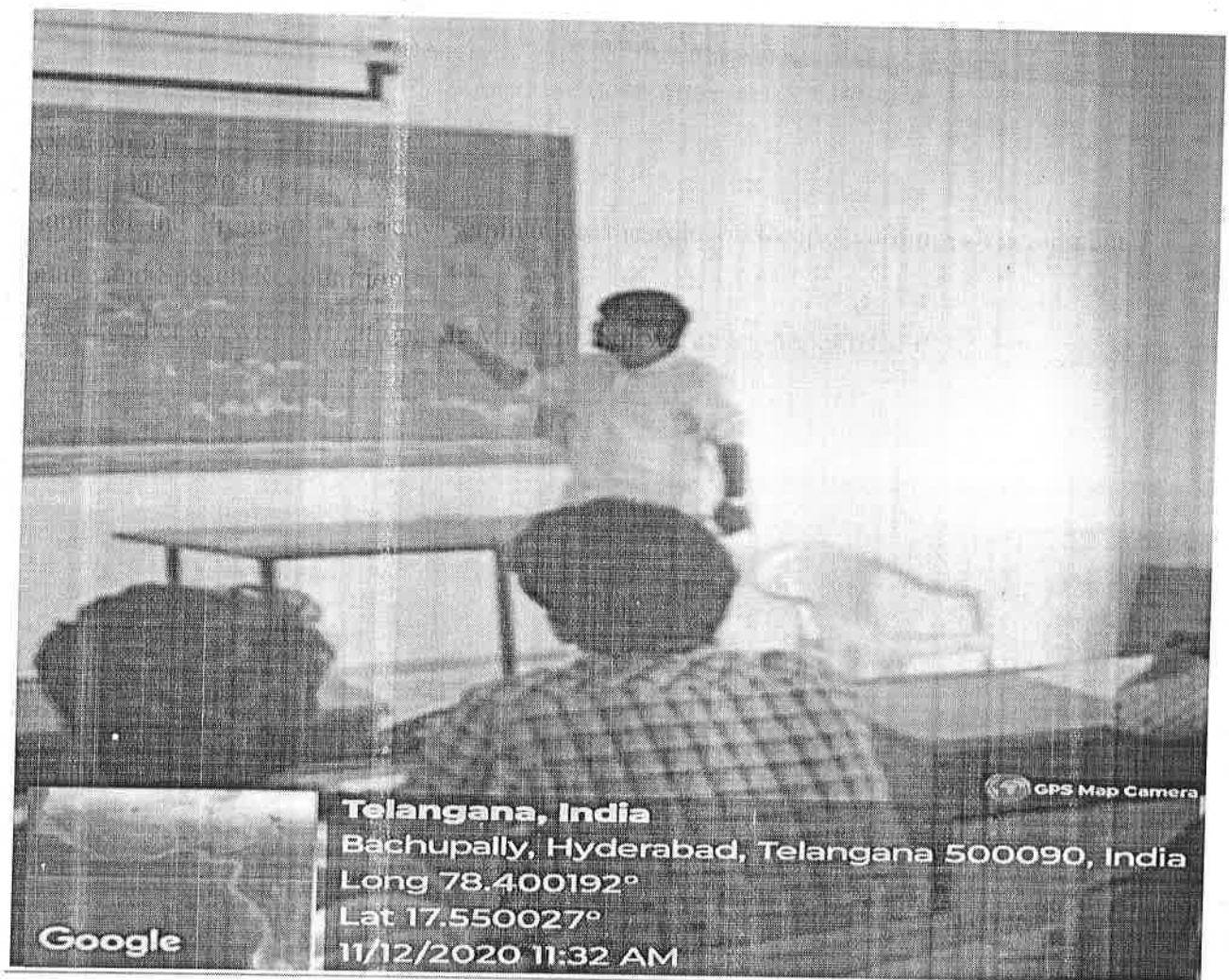
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AY:2020-21

DATE : 11-12-2020,11:32AM

Name of the Program: One-day seminar on the role of Deep Learning Development for Image and Speech Recognition.

Resource Person with Affiliation: Mr Mujamil, Software Developer,IBM,Bangalore



Telangana, India

Bachupally, Hyderabad, Telangana 500090, India

Long 78.400192°

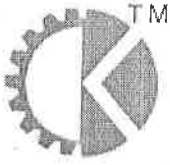
Lat 17.550027°

11/12/2020 11:32 AM

Google

GPS Map Camera

*Amir*  
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Ref.NO: DRKIST/IPR/2020-21/05

Date: 05-11-2020

## CIRCULAR

The Department of Computer Science & Engineering is organizing a "One Day Seminar on Policy and Governance in Intellectual Property Rights" on 12<sup>th</sup> NOVEMBER 2020.

All students are requested to attend the Seminar on 12<sup>th</sup> NOVEMBER 2020.

Interested faculty members are also encouraged to participate in the program without fail.

Event: One Day Seminar on Policy and Governance in Intellectual Property Rights.  
Speaker: Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad

Date: 12-11-2020

Venue: Seminar Hall

Time: 9:30 AM

  
HoD

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Copy to:

1. Copy to Principal.
2. Copy to Office room.
3. Copy to Notice board.
4. Copy to TPO.
5. Head of CSE Dept.
6. Head of CSE (AIML) Dept.
7. Head of CSE (DS) Dept.
8. Head of EEE Dept.
9. Head of ECE Dept.
10. Head of MECH Dept.

  
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## ABOUT THE DRKIST

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao. He founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu. Mr. D.B. ChandShekar Rao, a distinguished and successful entrepreneur, established the institute with an unwavering commitment to providing high-quality education. His vision was to create a leading institution that would contribute to the nation's economic and industrial growth. DRK Institute of Science and Technology is part of the DRK Educational Society, which has made significant investments in infrastructure, academic resources, and career development opportunities for its students. The institute dedicates itself to cultivating a dynamic learning environment that enhances its students' conceptual and technical skills, equipping them for the challenges of the modern world.

## ABOUT THE CSE DEPARTMENT

The department of Computer Science and Engineering was established in the year 2004 and offers undergraduate programs to students from urban and rural areas of India. The department has well equipped computing laboratories and a rich repository of Software & Hardware covering a wide spectrum of applications. The department strongly emphasizes on learning fundamentals and analyzing latest technology to develop student's creativity by encouraging them to take up projects with varying levels of complexity. DRK values the importance of this stream, and honors it by providing the course.

## ABOUT THE CERTIFICATE PROGRAM

Policy and governance in intellectual property rights (IPR) involve creating and enforcing laws that protect creators' innovations and creations. Effective IPR policies balance incentivizing innovation with ensuring public access and preventing monopolies. Governance structures, often involving international treaties and national regulations, aim to harmonize protections and address challenges like digital piracy and enforcement.

## TOPICS COVERED

- IPR Awareness
- Generation of IPRs
- Legal and Legislative Framework
- Administration and Management
- Commercialization of IPRs
- Enforcement and Adjudication
- Human Capital Development

  
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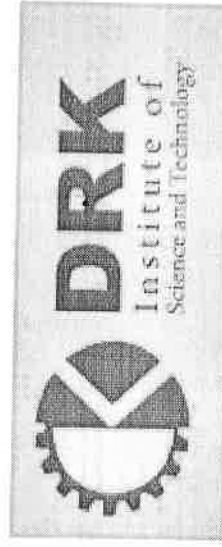
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A ONE DAY SEMINAR  
PROGRAMME

On

The Policy and  
Governance in  
Intellectual Property  
Rights

November 12<sup>TH</sup> 2020



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Sri .D.B Chandra Shekar Rao

Chairman

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Dr. Venkata subhaia  
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Coordinator  
N Sowjanya  
Assistant Professor, CSE

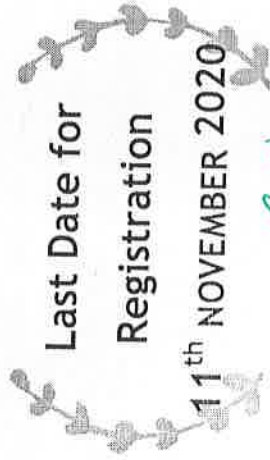
Dr. N.Ragava Rao

Head

ADDRESS FOR COMMUNICATION

N Sowjanya  
Coordinator, CSE  
Assistant Professor, 9399983040  
sowjanya@gmail.com

REGISTRATION DETAILS



*Sowjanya*

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"Embrace automation  
and empower yourself  
to achieve greater  
things."

REGISTRATION FORM

ONE DAY SEMINAR  
PROGRAMME

On

*Policy and Governance in Intellectual  
Property Rights*

Name: Mr. /Ms.: \_\_\_\_\_

Reg. No: \_\_\_\_\_

Department: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

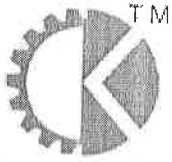
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of Participant





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## LIST OF PARTICIPANT

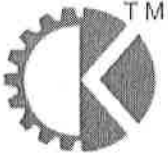
**Name of the Program:** One-day seminar on the role of Policy and Governance in

Intellectual Property Rights

**Date:** 12-11-2020

S.no	Name of the participant	Roll number	Course and year	Signature
1	A.NIKHIL KUMAR	20N71A0501	1 <sup>st</sup> year CSE	A.Nikhil Kumar
2	ATYAM MONIKA	20N71A0506	1 <sup>st</sup> year CSE	Atyam
3	CH. RITHIK KUMAR	20N71A0512	1 <sup>st</sup> year CSE	Rithik Kumar
4	D.SAI DURGA PRASAD	20N71A0516	1 <sup>st</sup> year CSE	D.Sai Durga Prasad
5	K.VENU	20N71A0527	1 <sup>st</sup> year CSE	K.Venu
6	KANDLOOR SNEHA	20N71A0529	1 <sup>st</sup> year CSE	Sneha
7	KARANGULA ARUN REDDY	20N71A0530	1 <sup>st</sup> year CSE	Arun
8	KARETI LAKSHMI MOUNIKA	20N71A0531	1 <sup>st</sup> year CSE	Lakshmi Mounika
9	KOLLI GAYATRI	20N71A0534	1 <sup>st</sup> year CSE	Gayatri
10	PEYYALA DIVYA	20N71A0554	1 <sup>st</sup> year CSE	Divya
11	PILLI VINITHA	20N71A0555	1 <sup>st</sup> year CSE	Vinitha
12	U SAI KUMAR	20N71A0569	1 <sup>st</sup> year CSE	Sai
13	GUDURE NAVEEN	20N71A6607	1 <sup>st</sup> year CSM	Naveen
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15	KILARI NAGA TEJA	20N71A6612	1 <sup>st</sup> year CSM	Teja
16	KOGANTI SHRI VAMMSI	20N71A6613	1 <sup>st</sup> year CSM	Shri Vammsi
17	KONGA SONI	20N71A6614	1 <sup>st</sup> year CSM	Soni
18	MAAKA NARAHARI	20N71A6615	1 <sup>st</sup> year CSM	Narahari
19	MANDALAJU SARITHA	20N71A6616	1 <sup>st</sup> year CSM	Saritha
20	MERUGUMANA JEEVAN	20N71A6618	1 <sup>st</sup> year CSM	Jeevan
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26	LAXMAIAHGARI HANISH	20N71A6706	1 <sup>st</sup> year CSD	Hanish
27	N SATHVIK REDDY	20N71A6707	1 <sup>st</sup> year CSD	Sathvik
28	P. LOKESH	20N71A6708	1 <sup>st</sup> year CSD	Lokesh
29	V PRAVALIKA	20N71A6712	1 <sup>st</sup> year CSD	Pravallika
30	Y BHUVAN SAI	20N71A6713	1 <sup>st</sup> year CSD	Bhuvan Sai

  
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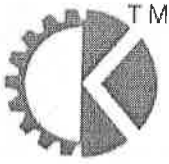
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**Name of the Program:** One-day Seminar on the role of Policy and Governance in Intellectual Property Rights

**Date:** 12-11-2020

S.no	Name of the Faculty members	Department	Signature
1	Mr.MADDELABENJIMEN WATSON	CSE	
2	Dr Hima Bindu	CSE	
3	Mrs.G Rajeshwari	CSE	
4	Mrs.S Lavanya	CSE	
5	Mrs.PASIKANTI GEETHANJALI	CSE	
6	Mr.RAMU ANUMULA	CSE	
7	Dr Dasari Kliran Kumar	ECE	
8	Mr.RAVINDRAREDDY BHUMIREDDY	MECH	
9	Mr.PRAVEEN KUMAR NAKKA	CSE(AI&ML)	
10	Mrs.VIJAYAGIRI MANASA	CSD	
11	Mrs.NEELAM USHA RANI	CSE(AI&ML)	
12	Mrs.DAYYALA MAMATHA	CSE(AI&ML)	
13	Dr.Ashaboina Latha	MBA	
14	Ms.SUSEELA GRACE PADMA MADDIRALA	MBA	

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(Approved by AICTE, Affiliated to JNTUH)

Date: 12-11-2020

## PROGRAMME REPORT

<b>Programme name</b>	One-day Seminar on the Policy and Governance in Intellectual Property Rights
<b>Resource person</b>	Mrs Mary Sudha
<b>Date of activity</b>	12-11-2020
<b>Organized by</b>	DRK Institutes of Science & Technology
<b>Venue</b>	Seminar Hall
<b>Number of Students attended</b>	30

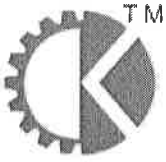
### Objectives:

1. Promoting innovation and creativity
2. Encouraging technological advancement and transfer
3. Protecting public interest and consumer welfare
4. Balancing individual and public rights
5. Preventing abuse of IP rights
6. Ensuring fair competition and market access
7. Fostering international cooperation and harmonization
8. Providing legal certainty and clarity
9. Supporting economic growth and development
10. Encouraging public awareness and education
11. Ensuring effective enforcement and dispute resolution
12. Adapting to new technologies and challenges

### Overview of seminar:

- **Vision Statement:** To stimulate creativity and innovation by Intellectual Property for the benefit of all.

  
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- **Mission Statement:** To foster a dynamic, vibrant, and balanced intellectual property rights system in India and to promote entrepreneurship and enhance socio-economic and cultural development.

**1. IPR Awareness:** To create public awareness of the economic, social, and cultural benefits of IPRs among all sections of society.

**2. Generation of IPRs:** To stimulate the generation of IPRs.


**3. Legal and Legislative Framework:** To have strong and effective IPR laws that balance the interests of rights owners with larger public interest.

**4. Administration and Management:** To modernize and strengthen service-oriented IPR administration.

**5. Commercialization of IPRs:** To get value for IPRs through commercialization.

**6. Enforcement and Adjudication:** To strengthen the enforcement and adjudicatory mechanisms for combating IPR infringements.

**7. Human Capital Development:** To strengthen and expand human resources, institutions, and capacities for teaching, training, research, and skill building in IPRs.

  
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BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD-500043

Mobile: +91-9000711899, +91-8790711899, FAX: 08418-242522, Website: [www.drkist.edu.in](http://www.drkist.edu.in)

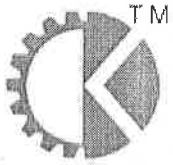
(Approved by AICTE, Affiliated to JNTUH)

### Program Schedule:

1. 9:00 AM - 9:30 AM: Registration and Welcome Coffee
2. 9:30 AM - 10:00 AM: Opening Remarks and Introduction to Policy and Governance in Intellectual Property Rights
3. 10:00 AM - 11:00 AM: Importance of Legal and Legislative Framework
4. 11:00 AM - 11:30 AM: Break
5. 11:30 AM - 12:30 PM: Advantages of Policy and Governance in Intellectual Property Rights
6. 12:30 PM - 1:30 PM: Lunch Break
7. 1:30 PM - 2:30 PM: Current Trends in Policy and Governance in Intellectual Property Rights
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10. 4:00 PM - 4:30 PM: Future Directions in Policy and Governance in Intellectual Property Rights
11. 4:30 PM - 4:45 PM: Q&A Session and Closing Remarks

This structure ensures a comprehensive exploration of the role of Policy and Governance in Intellectual Property Rights, providing attendees with a solid understanding of the topic and its significance.

  
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AY:2020-21

DATE : 12-11-2020,10:40AM

Name of the Program: One-day Seminar on the role of Policy and Governance in Intellectual Property Rights

Resource Person with Affiliation: Mrs Mary Sudha, Associate Professor of CSE, CBIT, Hyderabad

### Event program



Telangana, India

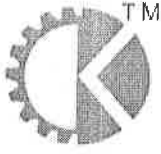
Bachupally, Hyderabad, Telangana 500090, India

Long 78.400192°

Lat 17.550027°

12/11/2020 09:37 AM

*Mary Sudha*  
**PRINCIPAL**  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



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Ref.NO: DRKIST/ Entrepreneurship /2020-21 /04

Date: 03/11/2020

## CIRCULAR

The Department of Computer Science & Engineering is organizing a "One Day Workshop On Advances in Green Entrepreneurship." on 10<sup>th</sup> NOVEMBER 2020.

All students are requested to attend the Workshop on 10<sup>th</sup> NOVEMBER 2020.

Interested faculty members are also encouraged to participate in the program without fail.

Event: Advances in Green Entrepreneurship

Speaker: Mr Sandeep M, Software Engineer, Goldman Sach, Bangalore

Date: 10/11/2020

Venue: Seminar Hall

Timing: 9:30 AM

  
HoD

Copy to:

1. Copy to Principal.
2. Copy to Office room.
3. Copy to Notice board.
4. Copy to TPO.
5. Head of CSE Dept.
6. Head of CSE (AIML) Dept.
7. Head of CSE (DS) Dept.
8. Head of EEE Dept.
9. Head of ECE Dept.
10. Head of MECH Dept.

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## ABOUT THE DRKIST

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao. He founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu.

Mr. D.B. ChandShekar Rao, a distinguished and successful entrepreneur, established the institute with an unwavering commitment to providing high-quality education. His vision was to create a leading institution that would contribute to the nation's economic and industrial growth. DRK Institute of Science and Technology is part of the DRK Educational Society, which has made significant investments in infrastructure, academic resources, and career development opportunities for its students. The institute dedicates itself to cultivating a dynamic learning environment that enhances its students' conceptual and technical skills, equipping them for the challenges of the modern world.

## ABOUT THE CSE DEPARTMENT

The department of Computer Science and Engineering was established in the year 2004 and offers undergraduate programs to students from urban and rural areas of India. The department has well equipped computing laboratories and a rich repository of Software & Hardware covering a wide spectrum of applications. The department strongly emphasizes on learning fundamentals and analyzing latest technology to develop student's creativity by encouraging them to take up projects with varying levels of complexity. DRK values the importance of this stream, and honors it by providing the course.

## ABOUT THE CERTIFICATE PROGRAM

Advances in green entrepreneurship reflect a significant shift towards sustainability in business. Innovations in clean energy, such as more efficient solar panels and advanced battery technologies, are making renewable energy more accessible and affordable. The rise of circular economy practices, including improved recycling and sustainable materials. Green business models, Additionally, supportive policies, specialized educational programs, and technological tools like blockchain for supply chain transparency are further advancing the field, underscoring a growing commitment to environmental stewardship in entrepreneurship.

## TOPICS COVERED

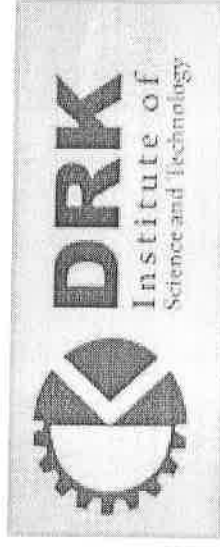
- Renewable Energy Innovations
- Smart Grid and Energy Management
- Sustainable Agriculture and Food Systems
- Circular Economy Initiatives
- Green Building and Construction

A ONE DAY WORKSHOP  
PROGRAMME

On

Advances in Green  
Entrepreneurship

November 10<sup>TH</sup> 2020



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A handwritten signature in blue ink, likely belonging to the Principal of the institute.

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Chief Patron

Sri .D.B Chandra Shekar Rao

Chairman

Patrons

Sri D. Santosh

Secretary

Sri D.Sriram  
Treasurer

Dr. Venkata subbaiah  
Principal

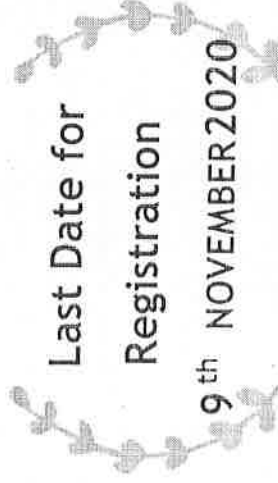
Coordinator  
M. Praveen Kumar  
Assistant Professor, CSE

N.Ragava Rao  
Head

ADDRESS FOR COMMUNICATION

M. Praveen Kumar  
Coordinator, CSE  
Assistant Professor, 7031737078  
praveenkumar@gmail.com

REGISTRATION DETAILS



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"Embrace automation

and empower yourself

to achieve greater

things."

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REGISTRATION FORM

**ONE DAY WORKSHOP  
PROGRAMME**

On

*Advances in Green Entrepreneurship*

Name: Mr. /Ms.: \_\_\_\_\_

Reg. No: \_\_\_\_\_

Department: \_\_\_\_\_

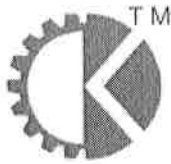
Organization: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of Participant



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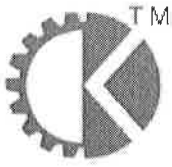
## LIST OF PARTICIPANT

**Name of the Program:** One-day Workshop on Advances in Green Entrepreneurship

**Date:** 10/11/2020

S.no	Name of the participant	Roll number	Course and year	Signature
1	ALLADA PRATHYUSHA	19N71A0503	2 <sup>nd</sup> year CSE	<i>Prathyusha</i>
2	ANNAMDAS AKASH	19N71A0505	2 <sup>nd</sup> year CSE	<i>Akash</i>
3	BADHA SANDHYA	19N71A0506	2 <sup>nd</sup> year CSE	<i>Sandhya</i>
4	BIRADHAR SHRIYA	19N71A0512	2 <sup>nd</sup> year CSE	<i>Shriya</i>
5	BOYINA SAI GAYATRI	19N71A0514	2 <sup>nd</sup> year CSE	<i>Sai Gayatri</i>
6	CH SAI SUPRAJA	19N71A0517	2 <sup>nd</sup> year CSE	<i>Ch Sai Suprija</i>
7	D YASHWANTH	19N71A0520	2 <sup>nd</sup> year CSE	<i>Yashwanth</i>
8	G.SRI SIVANI	19N71A0526	2 <sup>nd</sup> year CSE	<i>Sri Sivi</i>
9	GANGI SWATHI	19N71A0527	2 <sup>nd</sup> year CSE	<i>G. Swathi</i>
10	GOPALAPURAM VARSHITHA	19N71A0531	2 <sup>nd</sup> year CSE	<i>Varshitha</i>
11	ATHULURI SOWMYA	18N71A0509	3 <sup>rd</sup> year CSE	<i>Sowmya</i>
12	BORRA GREESHMA	18N71A0512	3 <sup>rd</sup> year CSE	<i>B. Greeshma</i>
13	CHEKKILLA MANASA	18N71A0515	3 <sup>rd</sup> year CSE	<i>Manasa</i>
14	DEGA HARISH REDDY	18N71A0520	3 <sup>rd</sup> year CSE	<i>Harish Reddy</i>
15	DYAVANAPALLY SRI LEKHA	18N71A0522	3 <sup>rd</sup> year CSE	<i>Sri Lekha</i>
16	G SINDHUJA	18N71A0523	3 <sup>rd</sup> year CSE	<i>Sindhujha</i>
17	ORUGANTI PRAVEEN	18N71A0534	3 <sup>rd</sup> year CSE	<i>Praveen</i>
18	K SAI KRISHNA YADAV	18N71A0537	3 <sup>rd</sup> year CSE	<i>Sai Krishna</i>
19	K SRI PADMAJA	18N71A0538	3 <sup>rd</sup> year CSE	<i>Sri Padmaja</i>
20	KANDURI SAI SRINIVAS	18N71A0543	3 <sup>rd</sup> year CSE	<i>Sai Srinivas</i>
21	KATINEEDI SAI PAVAN	18N71A0546	3 <sup>rd</sup> year CSE	<i>Sai Pavan</i>
22	VALLURI NAVEEN	18N71A0597	3 <sup>rd</sup> year CSE	<i>Naveen</i>
23	P JAYA PRAKASH	17N71A0206	4 <sup>th</sup> year EEE	<i>Jaya Prakash</i>
24	PENTA NAVEEN KUMAR	17N71A0207	4 <sup>th</sup> year EEE	<i>Naveen Reddy</i>
25	VEDURU ASHOK REDDY	17N71A0209	4 <sup>th</sup> year EEE	<i>Ashok Reddy</i>
26	AKULA SHIVANI	17N71A0404	4 <sup>th</sup> year ECE	<i>Shivani</i>

*Prin*  
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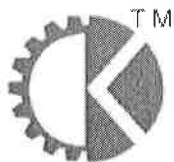
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27	AMAR MANE	17N71A0406	4 <sup>th</sup> year ECE	<i>mane</i>
28	AVUSALA RAMCHANDRA	17N71A0408	4 <sup>th</sup> year ECE	<i>Ramchandra</i>
29	BADDAM NAVEENA	17N71A0410	4 <sup>th</sup> year ECE	<i>Naveena</i>
30	BADDAM SWATHI	17N71A0411	4 <sup>th</sup> year ECE	<i>Swathi</i>
31	BHOGADI RANGA SUPRAJA	17N71A0413	4 <sup>th</sup> year ECE	<i>Supraja</i>
32	ALLA REETHIKA	17N71 A0505	4 <sup>th</sup> year CSE	<i>A. Reethika</i>
33	ANUGU AKHILESH	17N71 A0508	4 <sup>th</sup> year CSE	<i>A.K</i>
34	BADAL CHOUDHARY	17N71 A0509	4 <sup>th</sup> year CSE	<i>Choudhary</i>
35	BHUPATHI RUCHITHA	17N71 A0514	4 <sup>th</sup> year CSE	<i>B. Ruchitha</i>
36	DURGARAJU ROHINI	17N71 A0517	4 <sup>th</sup> year CSE	<i>Rohini</i>

*Amir*  
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**Name of the Program:** One-day Workshop on Advances in Green Entrepreneurship

**Date:** 10/11/2020

S.no	Name of the Faculty members	Department	Signature
1	Mr.SRINIVAS GUDI KANDULA	CSE	
2	Mr.JACOB JAYARAJ GOLLAMUDI	CSE	
3	Mrs.SOUJANYA AMBALA	CSE	
4	Mrs.SHRAVYA NALLA	CSE	
5	Mrs.K JYOTHI	CSE	
6	Mrs.DAYYALA MAMATHA	CSE(AI&ML)	
7	Mrs.VASAVI SAI PRASANNA LINGAMALLU	CSE(AI&ML)	
8	Mr.VALPADASU PHANINDER	CSE(DS)	
9	Mrs.RAMADEVI AREKATLA	CSE(DS)	
10	Mrs.Kalpana	ECE	
11	Dr Gyaz Shaik	ECE	
12	Mrs.SHANTALA	EEE	
13	Mr.BHASKAR REDDY PASHAM	MBA	

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Date: 10/11/2020

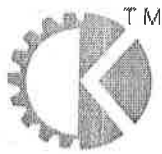
## PROGRAMME REPORT

<b>Programme name</b>	One-day workshop on Advances in Green Entrepreneurship
<b>Resource person</b>	Mr Sandeep M
<b>Date of activity</b>	10/11/2020
<b>Organized by</b>	DRK Institutes of Science & Technology
<b>Venue</b>	Seminar Hall
<b>Number of Students attended</b>	36

### Objective of the Programme

The one-day workshop aims to give participants on Green entrepreneurship, or eco entrepreneurship, is a rapidly evolving field that integrates business principles with environmental sustainability. Here are some key advances and trends in green entrepreneurship:

- **Innovation in Sustainable Products and Services:** Green entrepreneurs are developing innovative products and services that have lower environmental impacts compared to traditional offerings. This includes everything from renewable energy solutions (solar panels, wind turbines) to sustainable fashion and zero-waste packaging.
- **Circular Economy Initiatives:** Entrepreneurs are increasingly adopting circular economy principles, which aim to minimize waste and make the most of resources. This involves designing products for durability, reuse, and recycling, thereby reducing the overall environmental footprint.
- **Technological Advancements:** Advances in technology, such as AI, blockchain, and IoT, are being leveraged by green entrepreneurs to optimize resource use, improve energy efficiency, and facilitate sustainable supply chains.
- **Policy and Regulatory Support:** Governments and international organizations are increasingly supporting green entrepreneurship through policies, subsidies, and regulations that incentivize sustainable practices and green innovation.
- **Consumer Awareness and Demand:** Growing awareness among consumers about environmental issues is driving demand for eco-friendly products and services. This creates opportunities for green entrepreneurs to meet market needs with sustainable solutions.
- **Impact Investment and Funding:** There is a rising trend of impact investors and venture capitalists who are interested in funding businesses that prioritize environmental sustainability alongside profitability. This enables green entrepreneurs to scale their ventures and bring their ideas to market.



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### Topics Covered:

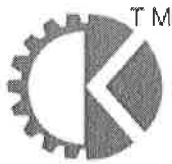
The workshop will cover a range of topics at the forefront of Advances in Green Entrepreneurship

- **Renewable Energy Innovations:** Advances in solar, wind, and other renewable energy technologies, including improvements in efficiency, cost-effectiveness, and storage solutions.
- **Smart Grid and Energy Management:** Innovations in smart grid technology, energy storage systems, and demand-response solutions that optimize energy use and reduce carbon footprints.
- **Sustainable Agriculture and Food Systems:** Developments in sustainable farming practices, vertical farming, aquaponics, and organic food production to enhance food security while minimizing environmental impact.
- **Circular Economy Initiatives:** Strategies and business models that promote circularity, including product life extension, repair and refurbishment services, and closed-loop recycling systems.
- **Green Building and Construction:** Innovations in sustainable building materials, passive design strategies, energy-efficient HVAC systems, and green building certifications like LEED (Leadership in Energy and Environmental Design).

### Overview:

Join us for an engaging one-day workshop. Overall advances in green entrepreneurship are crucial for addressing global environmental challenges such as climate change, resource depletion, and pollution. By leveraging innovation, technology, and sustainable business practices, green entrepreneurs play a pivotal role in transitioning toward a more sustainable and resilient economy.

  
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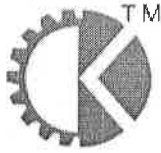
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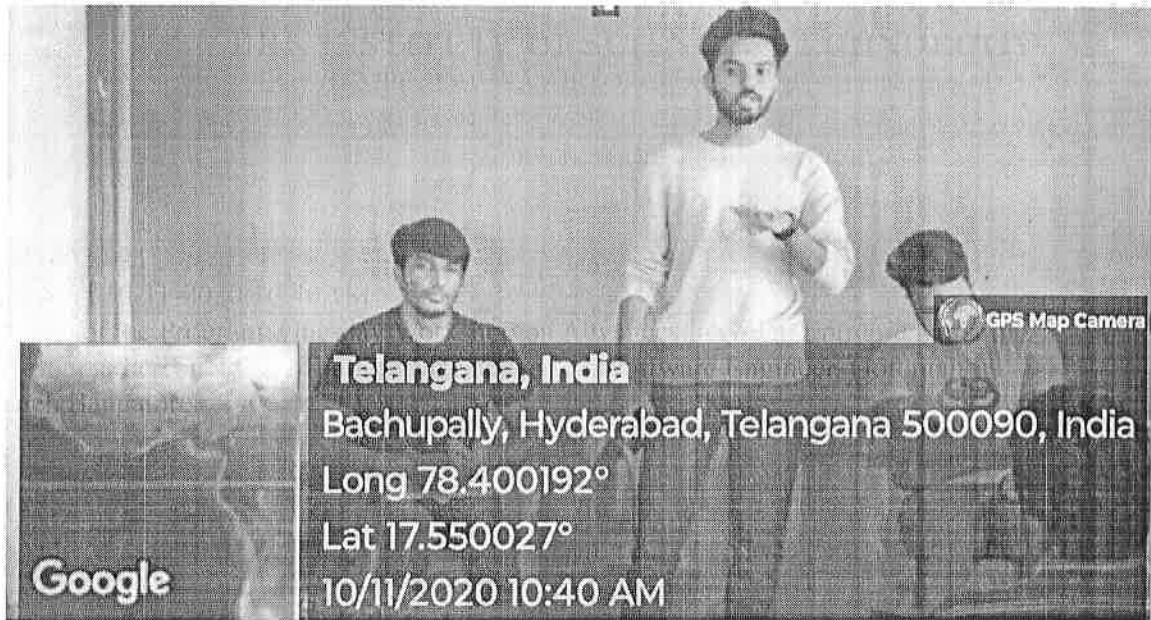
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AY:2020-21

DATE : 10-11-2020,10:40AM

Name of the Program: One-day Workshop on Advances in Green Entrepreneurship

Resource Person with Affiliation: Mr Sandeep M, Software Engineer, Goldman Sach, Bangalore



*Srin*  
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