ACADEMIC ACTIVITIES OF WORKSHOP/SEMINARS/CONFERENCES INCLUDING ON RESEARCH METHODOLOGY, IPR IN THE YEAR 2023-2024

INDEX

S.no	Name of Activity	Date of Activity	Name of the Dept.	No. Of Students Participated
1	A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology.	25-04-2024	CSE	54
2	A One Day Seminar on Research based multicloud management tools and techniques	15-03-2024	CSE	45
3	A One day workshop on Entrepreneurship development on Integrated image sensor&deeplearning network for fabric pilling classifications	11-03-2024	ECE	63
4.	A One day workshop on Research Opportunities on advanced BIO-CNG GAS Engines	08-02-2024	MECH	16
5.	A One day research seminar on free space Optical communication based on printed circuits	08-02-2024	ECE	43
6.	A One day Workshop on Research advanced programming &case studies in Computer Science	05-02-2024	CSE	54
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8.	A One day workshop on Research based computational intelligence in Wireless sensor networks	13-11-2023	CSE	47
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IQAC Coordinator

Principal

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 18.04.2024.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that **"A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **25.04.2024.** I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

Cc to:

1. MECH HOD
2. ECE HOD
3. CSE HOD
4. HBS HOD
5. AGRI HOD
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Dt: 30.04.2024

PROGRAM REPORT

Name of the Program	**A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology**
Resource person	P. S .V Krishna, Asst.Prof.,CSE, VSM College of Engineering, Contact no: +91-9494099380, E-Mail: krishna123@vsm.edu.in
Date of activity	**25.04.2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

In this recommended system, reviews eight fields of AI, introduce their applications in recommended system. In discuss the open research issues and design, give the directions of possible future research in AI techniques will applied in recommended system. This system highlights how the recommended system can be enhanced by AI techniques and aim to provide guidance for researches and portioning in the area of recommended system.

Topics Covered:

- Demonstration of draft detection in reactive system in AI.
- Creation and analysis of computer vision applications and specification.
- Development of Long tail in recommended system in AI.
- Demonstration of knowledge based privacy and preservation and secure recommended system.

Outcomes of Program:

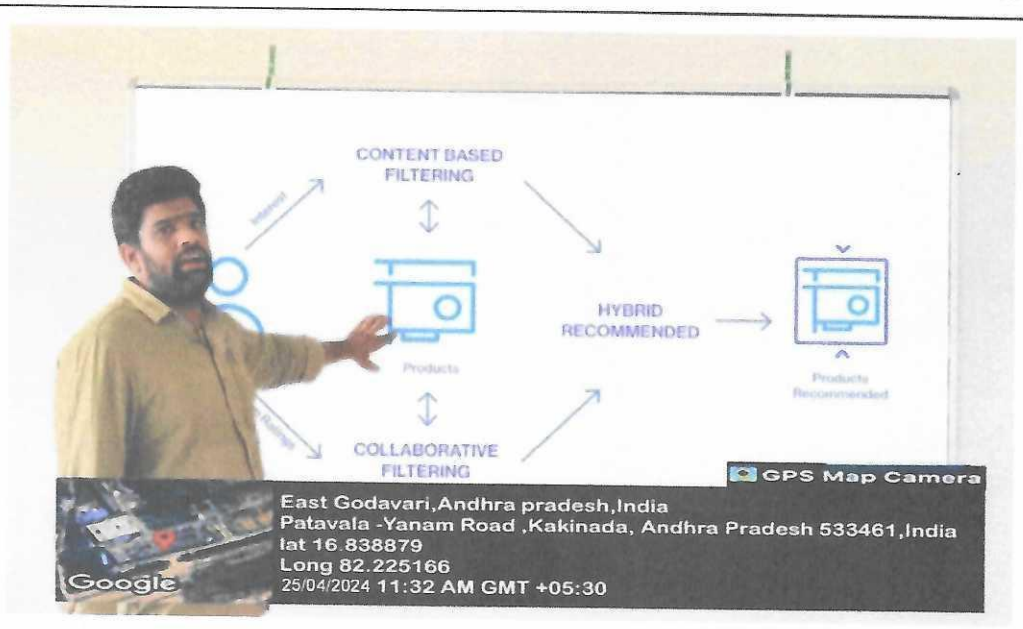
Recently, analyzing reviews presented by clients to products that are provided by e-commerce companies, such as Amazon, to produce efficient recommendations has been receiving a lot of attention. The proposed system uses the Incremental Learning - based Method (ILbM) to learn a neural network classifier. The ILbM uses the bagging technique in the process of training the classifier. To ensure a high degree of performance, the ILbM is

Implemented on the Hadoop since it allows the execution in parallel. Compared to a similar system, the proposed system shows better results in terms of accuracy (97.5%), precision (95.7%), recall (91.5%), and time of response (36 seconds).

P. Suyana

Program Coordinator

HOD



On the day of **25-04-2024**, Sri P.S.V. Krishna, gave **"A One day seminar on research trend on recommended system using Artificial Intelligence technology".**

Program Coordinator

HOD

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education.Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life.One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

The field of Computer Science and Engineering has been pushing the envelope of almost all other disciplines, which use computing as a fundamental means of inquiry and tool for discovery. Computer science and engineering offers exciting, intellectually challenging, and rapidly growing career opportunities. It is the heart of where the action is: whether this means intelli gent game playing, mobile applications, smart robots, cloud computing, data security, social networks, or bioinformatics. The department has been consistently fulfilling its role by transforming students into technically competent, socially responsible and ethically professional graduates. Well-equipped classrooms, well networked Lab setups with latest software, Industry-Integrated projects, creative teaching-learning process, and research based activities in the emerging areas, impressive placements and certification courses make the department well advanced on the professional.

ABOUT SEMINAR

An AI-powered recommendation system is a machine learning algorithm that is trained to rank or rate products or users. It is designed to predict the ratings a user might give to a specific item and then return those predictions to the user in a ranked list. This technology is used by many popular companies such as Google, Amazon, and Netflix to increase user engagement with their platforms. For example, Spotify may recommend songs similar to ones you have previously listened to or liked to keep you using their platform to listen to music. Amazon may suggest products to users based on the data they have collected on that particular user.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

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A One Day Seminar on Research Trends on Recommended systems using Artificial Intelligence Technology

25.04.2024

Organized by
Department of
Computer Science Engineering

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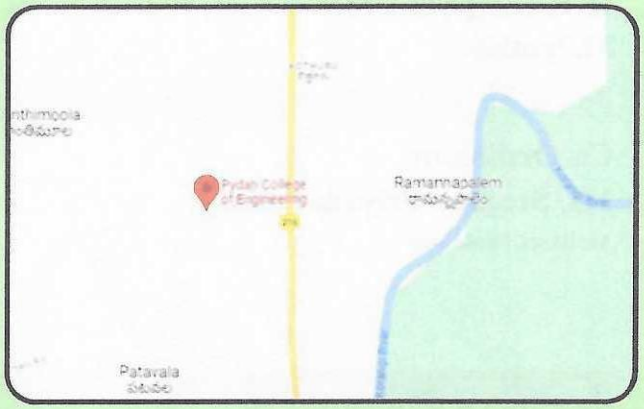

Department of CSE
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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. Veeramreddy Vijay Sandeep *bearing Roll No.* 226T1A0544 *of* 2-2 *B.Tech has participated in* A One day Seminar on Research Trends on Recommended System using Artificial Intelligence Technology' *organized by Department of* COMPUTER SCIENCE ENGINEERING *on* 25-04-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 07.03.2024.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that "**A One Day seminar on Research based Multi-cloud management tools and techniques** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **15.03.2024.** I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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Dt: 20.03.2024

PROGRAM REPORT

Name of the Program	**A One Day seminar on Research based Multi-cloud management tools and techniques**
Resource person	G. Harsha Vardhan , Asst.Prof., CSE(AI), Chaitanya Institute of Science & Technology, Contact no:+91- 8074893329 , E-Mail: harsha@cist.edu.in
Date of activity	**15.03.2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

Multi-cloud management is the process of monitoring and securing applications across several public clouds. It requires many tools and techniques for effective implementation. A seminar on this topic will help people understand the tools required to engage in multi-cloud management.

Topics Covered:

- Introduction to multi-cloud, hybrid cloud, public cloud, and private cloud
- Cloud orchestration, Containerization
- Best practices to manage a multi-cloud environment
- Implementation of multi-cloud systems,
- It helps organizations overcome the challenge of adequately implementing the management system, like vendor lock-in, data security, and legal compliance

Outcomes of Program:

Multi-cloud management is the process of tracking, securing, and optimizing a multi-cloud deployment. Multi-cloud management presents different challenges than managing one cloud or managing a legacy IT setup.Each vendor also offers different tools for managing their cloud service, their own APIs, and different service-level agreements (SLAs). A service-level agreement (SLA) is a contract that specifies the services a vendor will provide, and the conditions for providing those services.

Program Coordinator **HOD**

On the day of **15-03-2024**, Sri G.HarshaVardhan, gave **"A One day seminar on Research based multicloud management tools and techniques".**

Program Coordinator **HOD**

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education.Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life.One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

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ABOUT SEMINAR

Multi-cloud management refers to the process of managing and orchestrating multiple cloud services from different providers, such as AWS, Azure, Google Cloud, and others. This involves managing complexity, security, costs, and integration across multiple cloud environments.

To address these challenges, various tools and techniques are employed. Cloud Management Platforms (CMPs) provide a single interface for managing multiple cloud environments. Hybrid cloud management tools enable management of both on-premises and cloud environments. Cloud cost management tools help manage costs across multiple clouds, while cloud security tools provide security and compliance management.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day seminar on Research based Multi-cloud management : tools and techniques

15.03.2024

Organized by

Department of CSE

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Department of ECE

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Education & Beyond

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. G. Yojana *bearing Roll No.* 22-6TIA0516 *of* 3-1 *B.Tech has participated in* A One day Seminar on 'Research based multicloud management : Tools and Techniques' *organized by Department of* COMPUTER SCIENCE ENGINEERING *on* 15-03-2024

PROGRAM COORDINATOR

PRINCIPAL

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EDUCATIONAL INSTITUTIONS

Dt: 02-03-24

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All ECE Engg students & staff**

This is to inform that **"A One Day Workshop on Entrepreneurship Development on Integrated Image Sensor & Deep Learning Network for Fabric Pilling Classification's** being organized by Department of Agriculture Engineering, Pydah College of Engineering, and Kakinada on **11-3-24**. I request you all to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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Dt: 15.03.24

PROGRAM REPORT

Name of the Program	**A One Day Workshop on Entrepreneurship Development on Integrated Image Sensor & Deep Learning Network For Fabric Pilling Classification**
Resource person	K.V.S.R.K.Ayyapa,Asst.Prof, Ideal Institute of Technology, Kakinada. 7981753321 Mail: bhayyappakumar@gmail.com
Date of activity	**11-03-24**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering, Patavala

Objective of the Program:

Topics Covered: The objective of integrating an image sensor and a deep learning network for fabric pilling classification is to develop an advanced, automated system that accurately detects, classifies, and evaluates fabric pilling

Topics Covered: Image sensor technology, Image acquisition and preprocessing, Architecture for classification, dataset creation and annotation

Outcomes of Program: It helps for textile industry in improved accuracy in pilling detection and classification, enhancing product quality, operational efficiency which contribute to better overall performance and customer satisfaction

Program Coordinator

HOD

On the day of **11-03-24**, k.V.S.R.K.Ayyapa has given "A One Day Workshop on Entrepreneurship Development on Integrated Image Sensor & Deep Learning Network For Fabric Pilling Classification"

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education.Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life.One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

Our vision is to develop the department in to a full fledged centre of learning in various fields of Electronics and Communication Engineering keeping in view the latest developments and to invoke enthusiasm among the students to continually renew their education in rapidly developing technological scenario .

Our mission is to inculcate a spirit of scientific temper and analytical thinking and train the students in contemporary technological trends in electronics and communication to meet the challenging needs of the industry by providing versatile sound knowledge in the field of engineering and technology. Electronics and communication engineer use their knowledge, creativity and analytical skills to design, develop and oversee the production of electronic and communication tools and systems. Do research, design and develop electronic equipment used in different systems.

ABOUT WORKSHOP

1. High-Resolution Imaging: Captures detailed images of fabric samples using an integrated image sensor.
2. Deep Learning-Based Classification: Utilizes convolutional neural networks (CNNs) to accurately classify fabric pilling.
3. Automated Inspection: Enables efficient and automated quality control in textile manufacturing.
4. Real-Time Analysis: Provides rapid analysis and classification of fabric pilling, reducing inspection time.
5. High Accuracy: Achieves high accuracy in pilling classification, reducing errors and improving quality control.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day Workshop on Entrepreneurship Development on Integrated Image Sensor & Deep Learning Network For Fabric Pilling Classification

11-03-2024

Organized by

Department of ECE

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. M. S. D. Pavan bearing Roll No. 236T5A0436 of 2-2 B.Tech has participated in A One day Workshop on 'Entrepreneurship development on integrated image sensor and Deep Learning Network for Fabric Pilling Classifications' organized by Department of Electronics and Communication Engineering on 11-03-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 01.02.2024

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All MECH B.Tech Students & Staff**

"A One day workshop on Research Opportunities on advanced BIO-CNG GAS Engines"is being organized by Department of Mechanical Engineering, Pydah College of Engineering, Kakinada on **08-02-2024**.I requests all the students register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Timings:10.00AM -4:30 PM

PRINCIPAL

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Dt: 14-02-2024

PROGRAM REPORT

Name of the Program	**A One day workshop on Research Opportunities on advanced BIO-CNG GAS Engines**
Resource person	Dr.Y.K.S.SUBBA RAO Professor in Mechanical Engineering Cell no: 7396659639 Mail.id : hodmech@acoe.edu.in Aditya College of Engineering Surampalem,Kakinada.
Date of activity	**08-02-2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

Compressed natural gas (CNG) (methane stored at high pressure) can be used in place of gasoline (petrol), Diesel fueland propane/LPG. CNG combustion produces fewer undesirable gases than the fuels mentioned above. It is safer than other fuels in the event of a spill, because natural gas is lighter than air and disperses quickly when released. CNG may be found above oil deposits, or may be collected from landfills or wastewater treatment plants where it is known as biogas. CNG is made by compressing natural gas (which is mainly composed of methane, CH4), to less than 1 percent of the volume it occupies at standard atmospheric pressure. It is stored and distributed in hard containers at a pressure of 20–25 MPa (2,900–3,600 psi), usually in cylindrical or spherical shapes.

Topics Covered:

1. ELECTRIC AND HYBRID VEHICLES
2. FUEL CELL
3. SOLEX CARBURETTOR
   a. Solex Carburetor Starting Circuit
   b. Solex Carburetor Normal Running Circuit
   c. Solex Carburetor Accelerating Circuit
   d. Solex Carburetor Idling and Slow Running Circuit
4. TURBOCHARGER
5. FUEL INJECTION
6. WORKING OF MPFI ENGINE
7. BATTERY IGNITION SYSTEM
8. THE IGNITION COIL AND DISTRIBUTOR

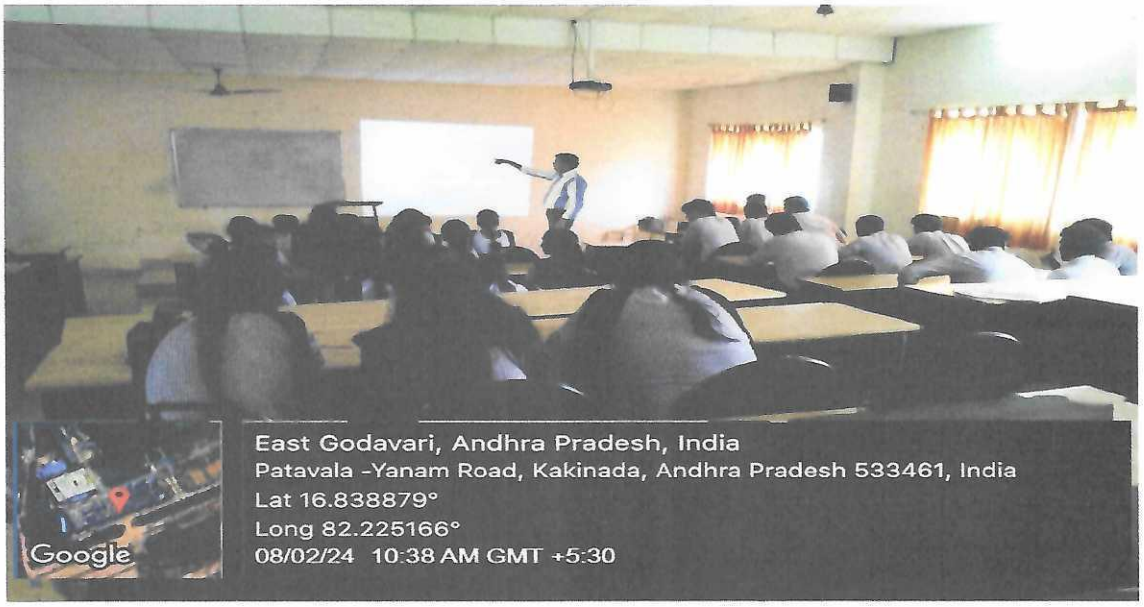
Outcomes of Program:

The students and faculty learned about the welding technology& research methodology. Outcomes of the program are

1. Identify the components of CI and CNG engines and assemble and dissemble the parts
2. Determine properties of a given fuel/oil sample and identify fuel/oil for specific use
3. Conduct performance and emission tests on CI and CNG GAS Engines and its analyze the results
4. Identify viable alternate fuels for SI and CI engines between the CNG GAS by analyzing the in-cylinder parameters.

Program Coordinator

HOD



On the day of **08-02-2024**, Sri Dr.Y.K.S.SUBBA RAO gave **".A One day workshop on Research Opportunities on advanced BIO-CNG GAS Engines".**

Program Coordinator **HOD**

ABOUT INSTITUTION

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ABOUT DEPARTMENT

The department of Mechanical Engineering has been contributing its humble share of the Mechanical Engineering graduates for national needs. Several of the graduates who have passed out of this department are occupying responsible positions in various Engineering Industries like Steel Authority of India Limited, Bharat Heavy Plates and Vessels Limited, Heavy Engineering Corporation, National Mineral and Metals Development Corporation, Tata Consultancy Services, Engineers India Limited, Hindustan Petroleum Corporation Limited, Visakhapatnam Port Trust, Bharat Heavy Electrical Limited, Ramachandrapuram and holding responsible positions in the premier educational institutes in and outside India.

ABOUT WORKSHOP

Bio-CNG production offers a compelling solution, especially suited for off-grid locations lacking pipeline or gas grid infrastructure. By locally producing bio-CNG for use as a transport or vehicle fuel, it cuts dependence on imported fuels. Furthermore, bio-CNG seamlessly integrates into existing natural gas systems and vehicles, underscoring its adaptability. Its application spans across numer ous sectors such as transportation, industrial heating, power generation, and even as a cooking fuel, showcasing its broad versatility and utility in meeting diverse energy needs.

PYDAH GROUP

Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A one day Workshop on 'Research Oppurtunities on Advanced BIO -CNG GAS Engines

08-02-2024

Organized by

Department of Mechanical Engineering

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Department of EEE

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. Y. Ravi Teja bearing Roll No. 196T1A0321 of IV-II B.Tech has participated in 'A one day Workshop on 'Research Oppurtunities on Advanced BIO-CNG GAS Engines' organized by Department of Mechanical Engineering on 08-02-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING

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YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt:-02-02-24

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All ECE Engg students & staff**

This is to inform that **"A One Day Research Seminar on Free space optical communication based on printed circuit"**is being organized by Department of ECE Engineering, Pydah College of Engineering, and Kakinada on **08-02-2024.** I request you all to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala.

Principal

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Dt:13 -02-2024

PROGRAM REPORT

Name of the Program	**A One Day Research Seminar On Free space optical communication based on printed circuit**
Resource person	J.Kiran Chandrashekar,Asst.Prof, Rajahmundry Institute Of Engineering and Technology , Rajahmundry 9966049405 Mail: kiran.jarajapu@gmail.com
Date of activity	**08-02-2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

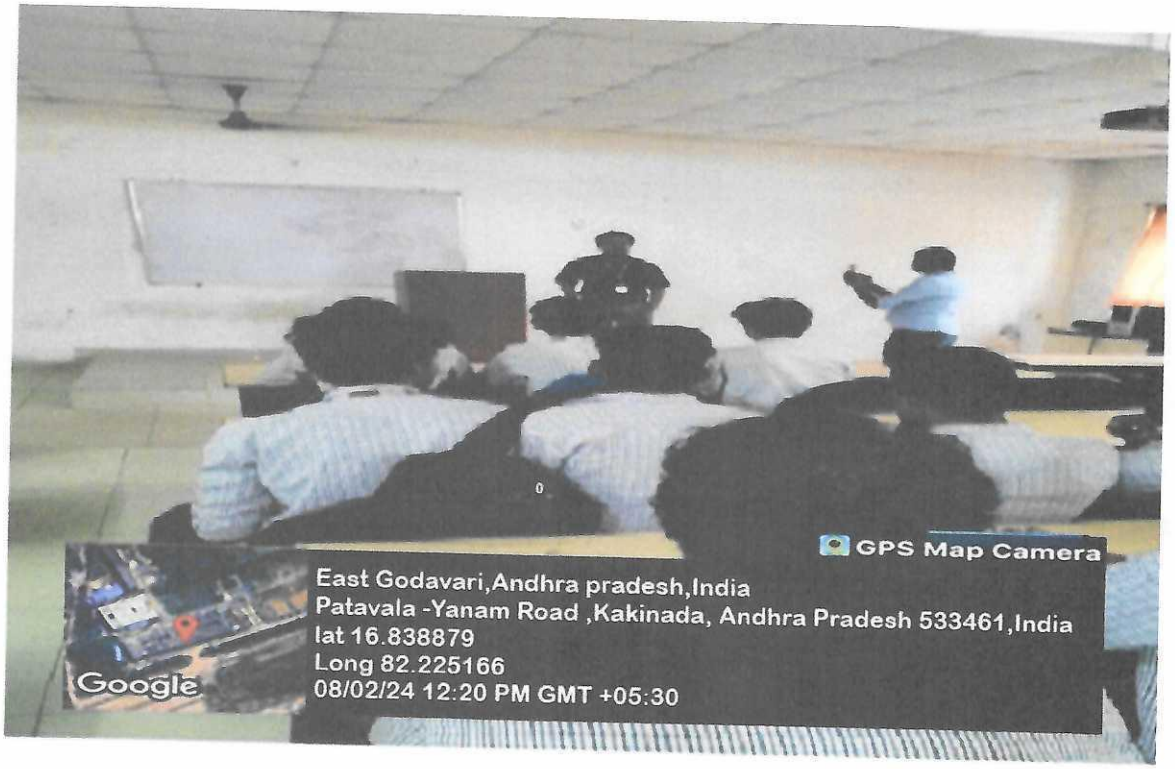
Objective of the Program: It focus on leveraging the capabilities of PCB manufacturing to simplify the assembly and scalability of FSO systems while maintain the realiability and performance needed for modern communication systems.

Topics Covered: Fundamentals of Free space Optical Communication,Optical components in FSO systems,PCB design for optical communication,Signal modulation and processing,prototyping and testing.

Outcomes of Program: It show both the technical and pratical feasibility of developing and practical feasibility of developing PCB-based FSO systems,highlighting their potential for academic,industrial and societal impact.

Program Coordinator

HOD



On the day of **08-02-2024**, Sri J.Kiran Chandrasekhar gave **".A One day research seminar on free space Optical communication based on printed circuits".**

Program Coordinator

HOD

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education.Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life.One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

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Our mission is to inculcate a spirit of scientific temper and analytical thinking and train the students in contemporary technological trends in electronics and communication to meet the challenging needs of the industry by providing versatile sound knowledge in the field of engineering and technology. Electronics and communication engineer use their knowledge, creativity and analytical skills to design, develop and oversee the production of electronic and communication tools and systems. Do research, design and develop electronic equipment used in different systems.

ABOUT SEMINAR

Creating a website from scratch can be an exciting project for anyone with an interest in web development. One of the most basic and fundamental ways to start building a website is by using HTML and CSS. HTML (HyperText Markup Language) is used to structure and define content on a webpage, while CSS (Cascading Style Sheets) is used to add style and design to that content. Building a website using only HTML and CSS may seem daunting at first, but it's a great way to learn the basics of web development. By using these two languages, you can create a website that is fully functional and visually appealing without the need for any other programming languages or frameworks.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day Research Seminar On Free space optical communication based on printed circuit

08-02-2024

Organized by
Department of ECE

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Email:pydahcollege@pydah.edu.in
Website : www.pydahgroup.com

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. G. Sushma bearing Roll No. 216T5A0405 of ..... B.Tech has participated in A One day 'Research Seminar on Free Space Optical Communication based on printed Circuits' organized by Department of Electronics and Communication Engineering on 08-02-2024

V. Sc Lgms

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 29.01.2024

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that **"A One Day Workshop on Research Advances Programming &case studies in Computer Science"**is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **05.02.2024.**I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

Cc to:

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3. CSE HOD
4. HBS HOD
5. AGRI HOD
6. TPO
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Dt: 08.02.2024

PROGRAM REPORT

Name of the Program	**A One Day Workshop on Research Advances Programming &case studies in Computer Science**
Resource person	Devarajulu Koneti, Project Manager@HCL Chennai-600001. Contact no: +91-9566064159, E-Mail: devarajuluk@gmail.com
Date of activity	**05.02.2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering, Patavala.

Objective of the Program:

To provide a solid foundation for studying advanced topics in Programming Language Specification and Design various knowledge based representations and multi paradigm languages using computer programming's.

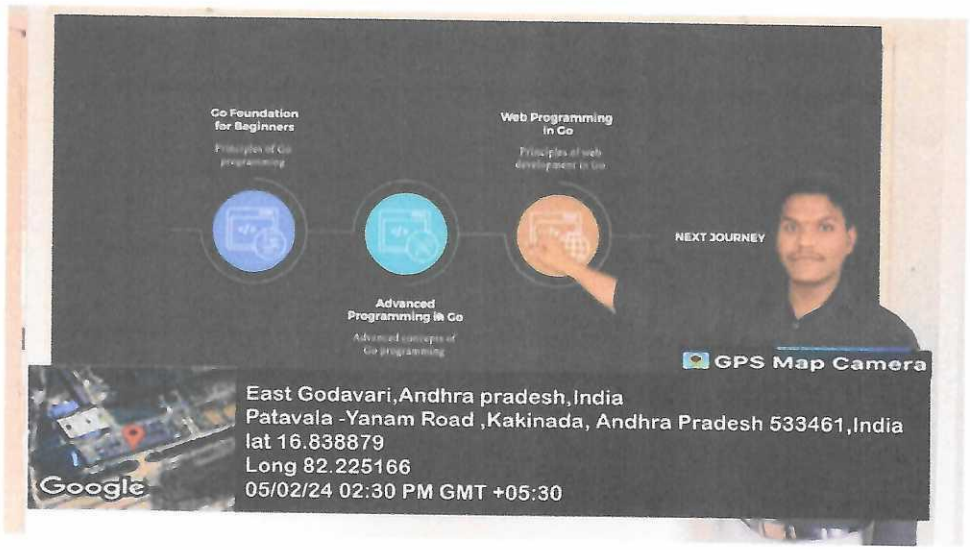
Topics Covered:

- Demonstration of knowledge of programming language design.
- Creation and analysis of algebraic specification of abstract data types.
- Development of interpreter-based specification (operational semantics) of programming languages.
- Demonstration of knowledge of attribute grammar framework and axiomatic-basis for computer programming.
- Exploration of contemporary multi-paradigm languages (time permitting)

Outcomes of Program:

This course introduces standard concepts related to the specification and design of high-level programming languages. It discusses different programming paradigms, algebraic specification and implementation of data types, abstract syntax trees, and develops interpreters in Racket (Scheme) for specifying (operationally) various programming language features/constructs (spanning simple expression language to class-based object-oriented language). It also introduces attribute grammar framework that is convenient for automatic translation and axiomatic semantics formalism that assists in program verification. The programming assignments will be coded using Racket IDE.

Program Coordinator **HOD**



On the day of **05-02-2024**, SriDevarajulu Koneti, gave**"A One day workshop on Research advance programming &case studies in Computer Science".**

Program Coordinator

HOD

ABOUT INSTITUTION

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ABOUT DEPARTMENT

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ABOUT WORKSHOP

Research in computer science continues to advance at a rapid pace, driving innovation and transformation across various industries. Recent breakthroughs in artificial intelligence, machine learning, and cloud computing have enabled the development of more sophisticated and intelligent systems. Programming languages and software development methodologies have also evolved, with growing emphasis on agility, scalability, and reliability. The development of new languages, such as Rust and Swift, and improvements to existing languages have expanded the possibilities for software development.

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A One Day Workshop on Research Advanced Programming &case studies in Computer Science

05.02.2024

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Department of

Computer Science Engineering

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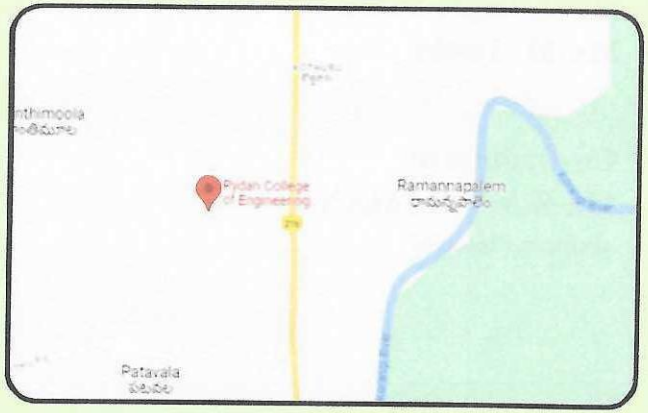

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Certificate Of Participation

This is to Certify that Mr./Ms. B. NAVYA SRI bearing Roll No. 226T1A0506 of 2-2 B.Tech has participated in A One day Workshop on 'Research Advanced Programmming & Case studies in Computer Science' organized by Department of COMPUTER SCIENCE ENGINEERING on 05-02-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING

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YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 11-1-24

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All ECE Engg students & staff**

This is to inform that **"A One Day Research Seminar on FEMTOCELLS"** is being organized by Department of ECE Engineering, Pydah College of Engineering, and Kakinada on **22-1-2024.** I request you all to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala.

Principal

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5. AGRI HOD
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Date: 25-1-2024

PROGRAM REPORT

Name of the Program	**A One Day Research Seminar On FEMTOCELLS**
Resource person	K.Deepika,Asst.Prof, VSM College of Engg, Ramachandrapuram 9866732637 Mail: deepikakommu@gmail.com
Date of activity	**22-1-2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program: The primary objective of Femtocells is to enhance mobile network coverage and capacity, particularly in areas where traditional macrocell signals are weak or unavailable.

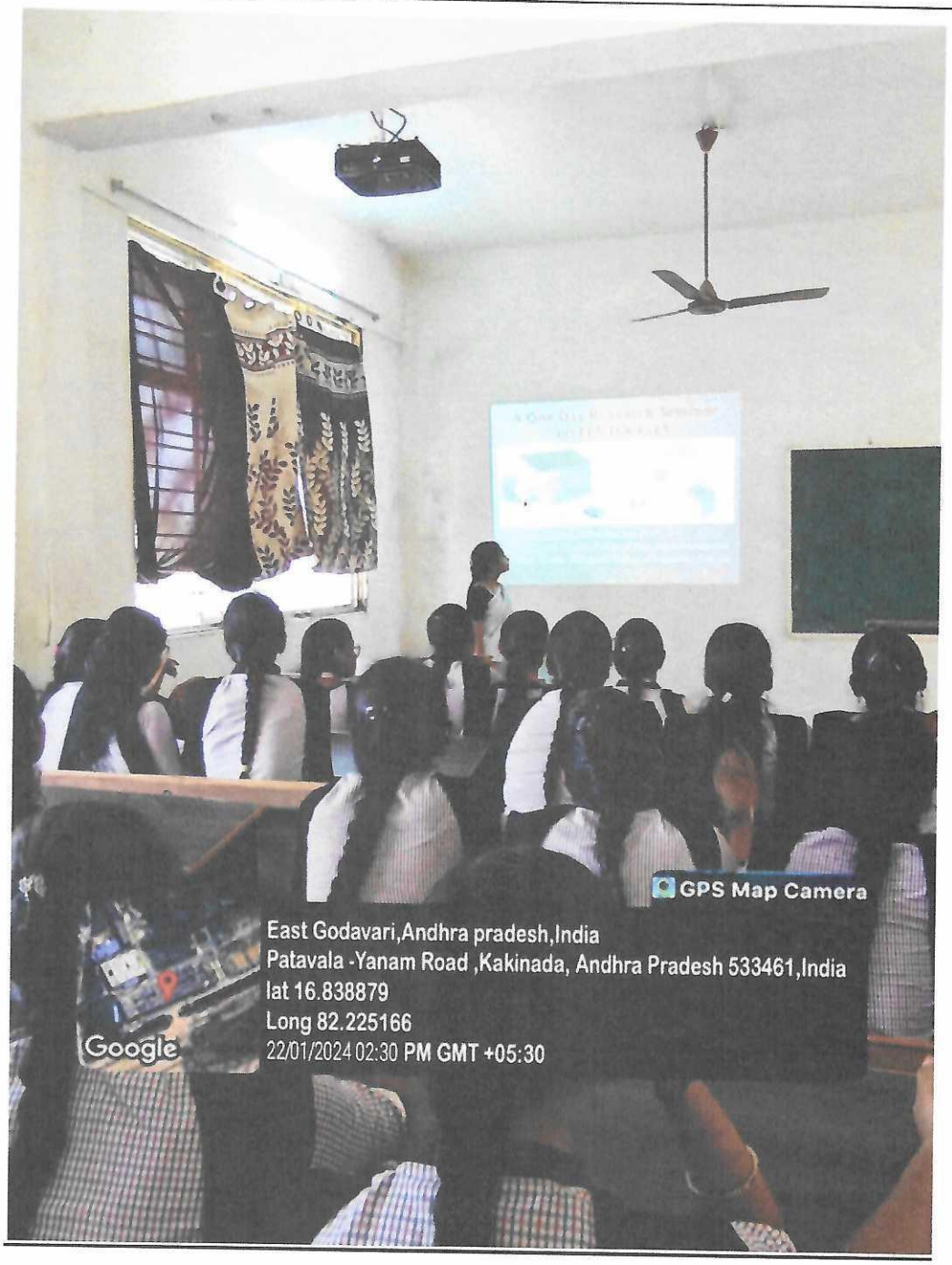
Topics Covered: Technical Architecture, Network coverage and Capacity, Handover mechanisms, Interference management, security and Privacy, Energy efficiency

Outcomes of Program:

The deployment of femtocells can lead to several positive outcomes for both mobile network operations and end users. It is more reliable ,Efficient and user-friendly mobile network infrastructure

Program Coordinator

HOD



On the day of **22-01-24**, k.Deepika has given "A one day research seminar on femtocells"

ABOUT INSTITUTION

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ABOUT SEMINAR

The primary objective of Femtocells is to enhance mobile network coverage and capacity, particularly in areas where traditional macrocell signals are weak or unavailable.

TOPICS COVERED

Technical Architecture ,
Network coverage and Capacity ,
Handover mechanisms ,
Interference management,
Security and Privacy,
Energy efficiency

PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE Affiliated to JNTUK)

A One Day Research Seminar on FEMTOCELLS

22-01-2024

Organized by
Department of ECE

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. K. NAGA CHAKRAVARTHI bearing Roll No. 21G1A0418 of 3-2 B.Tech has participated in A One day Research Seminar on 'FEMTO CELLS' organized by Department of Electronics and Communication Engineering on 22-01-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 06.11.2023.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that **"A One Day Workshop on Research based Computational Intelligence in Wireless Sensor Networks** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **13.11.2023.**I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

Cc to:

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3. CSE HOD
4. HBS HOD
5. AGRI HOD
6. TPO
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8. IQAC
9. LIBRARY

Dt: 17.11.2023.

PROGRAM REPORT

Name of the Program	**A One Day Workshop on Research based Computational Intelligence in Wireless Sensor Networks in Computer Science**
Resource person	T.Kishore, System Develop management, Virinchi private Limited, Hyderabad, Contact no: +91-9573908400, E-Mail: ksr12sk@gmail.com
Date of activity	**13.11.2023**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

The wireless sensor networks are event-monitoring and data collecting devices which are tightly distributed, lightweight nodes deployed in large number to monitor the environment or system. They are generally deployed for periodic reporting and event detection in an environment.

WSN faces many challenges like design and deployment of sensor nodes, localization and topology changes, mobility and physical distribution, clustering, data aggregation, security, and quality of service management. An intelligent-based approach works more efficiently as sensor nodes are deployed in dynamic environments. Computational intelligence provides autonomous behavior, flexibility, robustness against communication failure and topology changes in it.

Topics Covered:

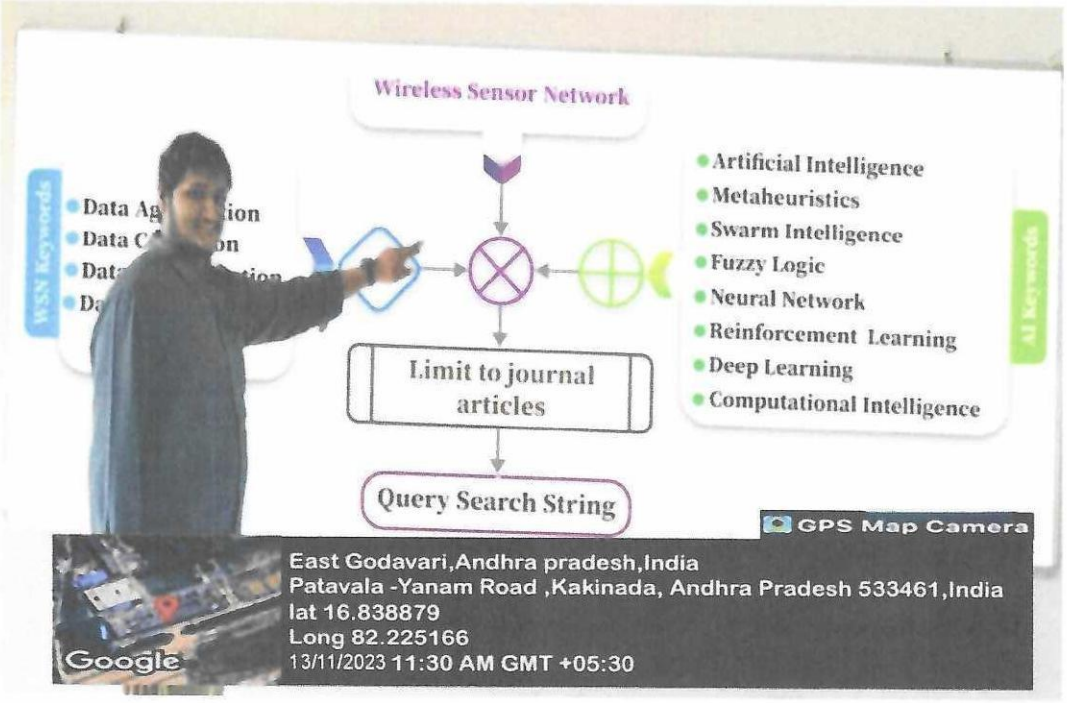
- Demonstration of knowledge based intelligence system.
- Creation and analysis of WNN using various networks.
- Development of interpreter-based specification (operational semantics) of Computational intelligence
- Exploration of contemporary multi-paradigm Network in reinforcement learning (time permitting)

Outcomes of Program:

We studied wireless sensor network and their types and applications. Then we have presented computational intelligence and it's paradigm in brief. Thereafter, we have presented a systematically applications of computational intelligence in wireless sensor network. . From this study, it is clear that the CI based Paradigm can help to solve many complex problems in wireless sensor network.

There are several applications of computational intelligence in designing and modeling intelligent systems and solving the real-world problems. The genetic algorithm can be applied to routing optimization in telecommunications networks. The genetic programming can be used in empirical discovery, symbolic function identification, solving systems of equations, automatic programming, pattern recognition, concept formation, game-playing strategies, and neural network design.

Program Coordinator **HOD**



On the day of **13-11-2023**, Sri T.Kishore gave **"A One day Workshop on Computational intelligence in Wireless sensor networks".**

P. Sujana
Program Coordinator

HOD

LIST OF PARTICIPANTS

Name of the Program : A One Day Workshop on Research based Computational Intelligence in Wireless Sensor Networks in Computer Science

Date : 05.02.24

S.No	Regd. No	Name of the Student	Year/Sem	Signature
1	216T1A0501	Akula Akhil Varma	3-2	A.A. varma
2	216T1A0502	Allu Mahalakshmi	3-2	A. Mahalakshmi
3	216T1A0503	Annepu Golla Bhupal Kumar	3-2	A. G. B. kumar
4	216T1A0504	Barri Varsha	3-2	B. Varsha.
5	216T1A0505	Bodasakurthi Srivalli Naga Surya Durga	3-2	B. S.N.S Durga
6	216T1A0507	Buraga Ravi	3-2	B. Ravi
7	216T1A0508	Chalapati K N D Slakshman	3-2	ch.k.N.D slakshman
8	216T1A0509	Chamalla Bhargavi	3-2	ch. Bhargavi
9	216T1A0510	Chanda Kavitha	3-2	C. Kavitha
10	216T1A0511	Chille Baby Sameera	3-2	ch. B. Sameera
11	216T1A0512	Chilukuri Maneesha	3-2	Ch. Maneesha
12	216T1A0513	Chinthagunti Udaykiran	3-2	ch. Udaykiran
13	216T1A0514	Deyyala Bhumika Santhoshi	3-2	D. B. Santhoshi
14	216T1A0515	Durgasi Jayaprakash	3-2	D. Jayaprakash
15	216T1A0516	Ganja Nagalakshmi	3-2	G. Nagalakshmi
16	216T1A0517	Jeelugu Sai Kiran	3-2	J. Sai Kiran
17	216T1A0518	Kadimisetti Vineetha	3-2	K. Vineetha
18	216T1A0519	Kaki Ravi Sai Subrahmanyam	3-2	K. R.S. Subrahmanyam
19	216T1A0520	Kakileti V V Durga Prasad	3-2	K.V.D. Prasad
20	216T1A0521	Kalaga Vijaya Durga	3-2	K. V. Durga
21	216T1A0522	Kannuri Siva Durga	3-2	K. Siva durga
22	216T1A0523	Kapa H G Graji	3-2	K. H. G. Graji

ABOUT INSTITUTION

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ABOUT WORKSHOP

WSN has been directed from military applications to various civil applications. However, many applications are not ready for real world deployment. Most challenging issues are still unresolved. The main challenge facing the operation of WSN is saving energy to prolong the network lifetime. Clustering is an efficient technique used for managing energy consumption. However, clustering is an NP hard optimization problem that can't be solved effectively by traditional methods. Computational Intelligence (CI) paradigms are suitable to adapt for WSN dynamic nature. This paper explores the advantages of CI techniques and how they may be used to solve varies problems associated to WSN. Finally, a short conclusion and future recommendation is being provided.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day Workshop on Research based Computational Intelligence in Wireless Sensor Networks

13-11-2023

Organized by
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Certificate Of Participation

This is to Certify that Mr./Ms. S. Hemanth bearing Roll No. 216T1A0550 of 3-2 B.Tech has participated in A One day Workshop on 'Research based Computational Intelligence in wireless sensor Networks' organized by Department of COMPUTER SCIENCE ENGINEERING on 13-11-2023

P. Sujana

PROGRAM COORDINATOR

PRINCIPAL

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Dt: 06.09.2023.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that **"A One Day Seminar on Research based Design Space for Graph Neural Networks** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **13.09.2023.**I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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Dt: 20.09.2023.

PROGRAM REPORT

Name of the Program	**A One Day Seminar on Research based Design Space for Graph Neural Networks**
Resource person	P Chakradhar Rao, Asst.Prof. AI, RIET College of Engineering, Contact no: +91-8125299399, E-Mail: chakradhar87@riet.edu.in
Date of activity	**13.09.2023**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

In this Neural Network system, GNN's are a type of artificial intelligence technology that helps us understand and process data structured as graphs. They are used to represent connections between things, like social networks or molecular structures to analyze and learn, making them useful for recommendation systems, identifying patterns, and solving complex problems. To use GNNs, you'd start with a graph dataset, create a GNN model, and train it to make predictions or gain insights from the connections within the data.

Topics Covered:

- Creation and GNNs are a type of artificial intelligence technology that helps us understand and process data structured as graphs.
- They are used to represent connections between things, like social networks or molecular structures to analyze and learn, making them useful for recommendation systems, identifying patterns, and solving complex problems.
- To use GNNs, you'd start with a graph dataset, create a GNN model, and train it to make predictions or gain insights from the connections within the data. analysis of computer vision applications and specification .
- Development in Evaluation of GNN Design Space.

Outcomes of Program:

Recently, In this we offered a principled approach to building a general GNN design space and a GNN task space with quantitative similarity metric. Our extensive experimental results showed that coherently studying both spaces via tractable design space evaluation techniques can lead to exciting new understandings of GNN models and tasks, saving algorithm development costs as well as empirical performance gains. Overall, our work suggests a transition from studying individual GNN designs and tasks to systematically studying a GNN design space and a GNN task space.

Program Coordinator

HOD

On the day of **13-09-2023**, Sri P.Chakradhar Rao, gave **"A One day seminar on Research based Design space for Graph Neural Networks".**

Program Coordinator

HOD

ABOUT INSTITUTION

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ABOUT SEMINAR

The rapid evolution of Graph Neural Networks (GNNs) has led to a growing number of new architectures as well as novel applications. However, current research focuses on proposing and evaluating specific architectural designs of GNNs, as opposed to studying the more general design space of GNNs that consists of a Cartesian product of different design dimensions, such as the number of layers or the type of the aggregation function. Additionally, GNN designs are often specialized to a single task, yet few efforts have been made to understand how to quickly find the best GNN design for a novel task or a novel dataset. Here we define and systematically study the architectural design space for GNNs which consists of 315,000 different designs over 32 different predictive tasks.

PYDAH GROUP

Education & Beyond

PYDAH COLLEGE OF ENGINEERING

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A One Day Seminar on Research based Design Space for Graph Neural Networks

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Computer Science Engineering

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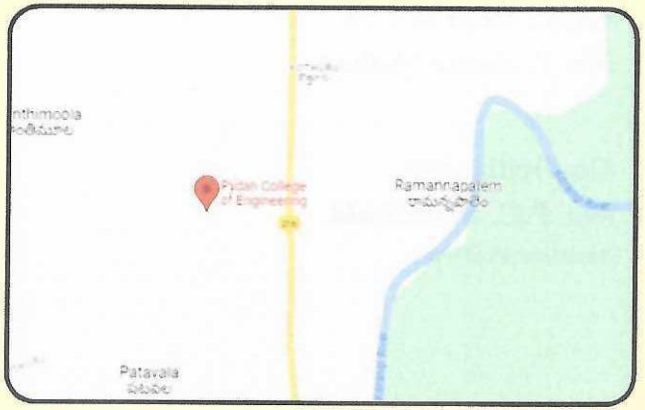

Department of CSE
PYDAH COLLEGE OF ENGINEERING
Kakinada-Yanam Road, Patavala
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Website : www.pydahgroup.com

PYDAH COLLEGE OF ENGINEERING

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Kakinada-Yanam Road, Patavala

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Education & Beyond

Certificate Of Participation

This is to Certify that Mr./Ms. V. Noashma *bearing Roll No.* 226T1A0588 *of* 21 *B.Tech has participated in* A One day Seminar on 'Research based Design Space for Graph Neural Networks' *organized by Department of* COMPUTER SCIENCE ENGINEERING *on* 13-09-2023

P.C. Mandhula

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 18.04.2024.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that **"A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **25.04.2024.** I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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ACADEMIC ACTIVITIES OF WORKSHOP/SEMINARS/CONFERENCES INCLUDING ON RESEARCH METHODOLOGY, IPR IN THE YEAR 2023-2024

INDEX

S.no	Name of Activity	Date of Activity	Name of the Dept.	No. Of Students Participated
1	A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology.	25-04-2024	CSE	54
2	A One Day Seminar on Research based multicloud management tools and techniques	15-03-2024	CSE	45
3	A One day workshop on Entrepreneurship development on Integrated image sensor&deeplearning network for fabric pilling classifications	11-03-2024	ECE	63
4.	A One day workshop on Research Opportunities on advanced BIO-CNG GAS Engines	08-02-2024	MECH	16
5.	A One day research seminar on free space Optical communication based on printed circuits	08-02-2024	ECE	43
6.	A One day Workshop on Research advanced programming &case studies in Computer Science	05-02-2024	CSE	54
7.	A One day research seminar on Femtocells	22-01-2024	ECE	60
8.	A One day workshop on Research based computational intelligence in Wireless sensor networks	13-11-2023	CSE	47
9.	A One day Seminar on Research based Design space for Graph Neural Networks	13-09-2023	CSE	40

IQAC Coordinator

Principal

Dt: 30.04.2024

PROGRAM REPORT

Name of the Program	**A One Day Seminar on Research Trends on Recommended system using Artificial Intelligence technology**
Resource person	P. S .V Krishna, Asst.Prof.,CSE, VSM College of Engineering, Contact no: +91-9494099380, E-Mail: krishna123@vsm.edu.in
Date of activity	**25.04.2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

In this recommended system, reviews eight fields of AI, introduce their applications in recommended system. In discuss the open research issues and design, give the directions of possible future research in AI techniques will applied in recommended system. This system highlights how the recommended system can be enhanced by AI techniques and aim to provide guidance for researches and portioning in the area of recommended system.

Topics Covered:

- Demonstration of draft detection in reactive system in AI.
- Creation and analysis of computer vision applications and specification.
- Development of Long tail in recommended system in AI.
- Demonstration of knowledge based privacy and preservation and secure recommended system.

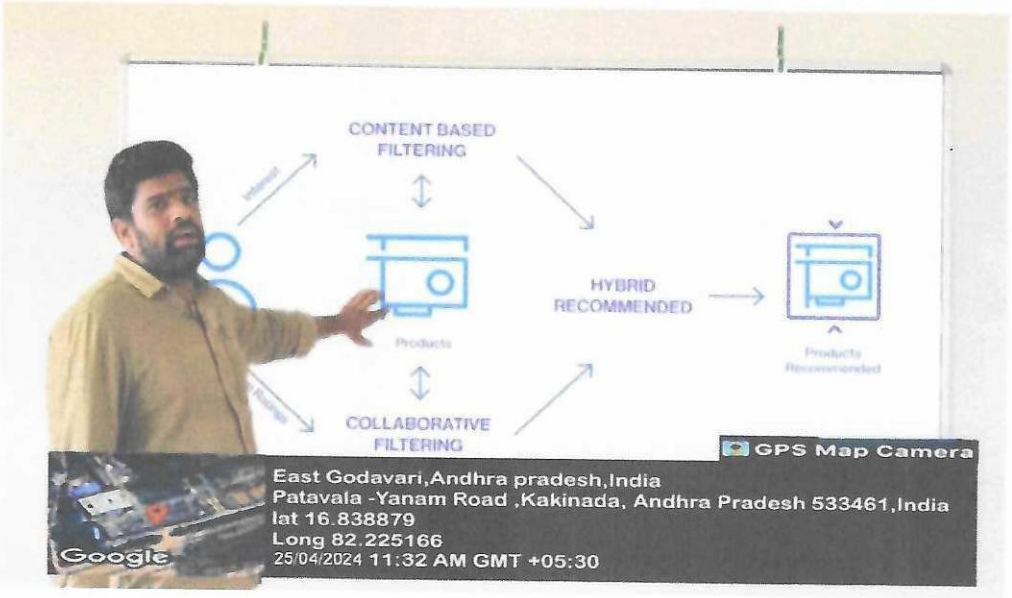
Outcomes of Program:

Recently, analyzing reviews presented by clients to products that are provided by e-commerce companies, such as Amazon, to produce efficient recommendations has been receiving a lot of attention. The proposed system uses the Incremental Learning - based Method (ILbM) to learn a neural network classifier. The ILbM uses the bagging technique in the process of training the classifier. To ensure a high degree of performance, the ILbM is

Implemented on the Hadoop since it allows the execution in parallel. Compared to a similar system, the proposed system shows better results in terms of accuracy (97.5%), precision (95.7%), recall (91.5%), and time of response (36 seconds).

Program Coordinator

HOD



On the day of **25-04-2024**, Sri P.S.V. Krishna, gave **"A One day seminar on research trend on recommended system using Artificial Intelligence technology".**

Program Coordinator

HOD

ABOUT INSTITUTION

The above Educational Institutions are the outcome from the untiring efforts of three generations since 1953. The Founder Member of the Pydah Group was Late Sri Pydah Sri Rama Krishna Murthy, who was the Inspiration behind the Promotion and Growth of Pydah Educational Institutions. Pydah group of Educational Institutions have been prospering at present under the chairmanship of Sri Pydah Satya Prasad, who is instrumental and having a great Zeal, Experience, Commitment and Strong Desire for the Promotion of Education constituting of School education, Intermediate, Under graduate and Post graduation courses, Pharmacy Education and Engineering Education.Under the Overall Supervision and Management of Sri Pydah Satya Prasad, the Educational Institutions are running on firm lines, spreading real education for greater success in life.One among the Top Educational Groups in Kakinada. Pydah has wide reputation for its Quality Learning with Holistic Approach towards Grooming Students.

ABOUT DEPARTMENT

The field of Computer Science and Engineering has been pushing the envelope of almost all other disciplines, which use computing as a fundamental means of inquiry and tool for discovery. Computer science and engineering offers exciting, intellectually challenging, and rapidly growing career opportunities. It is the heart of where the action is: whether this means intelli gent game playing, mobile applications, smart robots, cloud computing, data security, social networks, or bioinformatics. The department has been consistently fulfilling its role by transforming students into technically competent, socially responsible and ethically professional graduates. Well-equipped classrooms, well networked Lab setups with latest software, Industry-Integrated projects, creative teaching-learning process, and research based activities in the emerging areas, impressive placements and certification courses make the department well advanced on the professional.

ABOUT SEMINAR

An AI-powered recommendation system is a machine learning algorithm that is trained to rank or rate products or users. It is designed to predict the ratings a user might give to a specific item and then return those predictions to the user in a ranked list. This technology is used by many popular companies such as Google, Amazon, and Netflix to increase user engagement with their platforms. For example, Spotify may recommend songs similar to ones you have previously listened to or liked to keep you using their platform to listen to music. Amazon may suggest products to users based on the data they have collected on that particular user.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day Seminar on Research Trends on Recommended systems using Artificial Intelligence Technology

25.04.2024

Organized by
Department of
Computer Science Engineering

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Education & Beyond

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. Veeramreddy Vijay Sandeep bearing Roll No. 226T1A0544 of 2-2 B.Tech has participated in A One day Seminar on Research Trends on Recommended System using Artificial Intelligence Technology' organized by Department of COMPUTER SCIENCE ENGINEERING on 25-04-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada)
YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 07.03.2024.

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All CSE &AI Engg. students & staff**

This is to inform that "**A One Day seminar on Research based Multi-cloud management tools and techniques** "is being organized by Department of Computer Science and Engineering, Pydah College of Engineering, Kakinada on **15.03.2024.** I request all the students to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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Dt: 20.03.2024

PROGRAM REPORT

Name of the Program	**A One Day seminar on Research based Multi-cloud management tools and techniques**
Resource person	G. Harsha Vardhan , Asst.Prof., CSE(AI), Chaitanya Institute of Science & Technology, Contact no:+91- 8074893329 , E-Mail: harsha@cist.edu.in
Date of activity	**15.03.2024**
Organized by	Pydah College of Engineering Kakinada.
Venue	Seminar Hall, Pydah College of Engineering,Patavala

Objective of the Program:

Multi-cloud management is the process of monitoring and securing applications across several public clouds. It requires many tools and techniques for effective implementation. A seminar on this topic will help people understand the tools required to engage in multi-cloud management.

Topics Covered:

- Introduction to multi-cloud, hybrid cloud, public cloud, and private cloud
- Cloud orchestration, Containerization
- Best practices to manage a multi-cloud environment
- Implementation of multi-cloud systems,
- It helps organizations overcome the challenge of adequately implementing the management system, like vendor lock-in, data security, and legal compliance

Outcomes of Program:

Multi-cloud management is the process of tracking, securing, and optimizing a multi-cloud deployment. Multi-cloud management presents different challenges than managing one cloud or managing a legacy IT setup.Each vendor also offers different tools for managing their cloud service, their own APIs, and different service-level agreements (SLAs). A service-level agreement (SLA) is a contract that specifies the services a vendor will provide, and the conditions for providing those services.

Program Coordinator **HOD**

On the day of **15-03-2024**, Sri G.HarshaVardhan, gave **"A One day seminar on Research based multicloud management tools and techniques".**

Program Coordinator **HOD**

ABOUT INSTITUTION

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ABOUT SEMINAR

Multi-cloud management refers to the process of managing and orchestrating multiple cloud services from different providers, such as AWS, Azure, Google Cloud, and others. This involves managing complexity, security, costs, and integration across multiple cloud environments.

To address these challenges, various tools and techniques are employed. Cloud Management Platforms (CMPs) provide a single interface for managing multiple cloud environments. Hybrid cloud management tools enable management of both on-premises and cloud environments. Cloud cost management tools help manage costs across multiple clouds, while cloud security tools provide security and compliance management.

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Education & Beyond

PYDAH COLLEGE OF ENGINEERING

(Approved by AICTE Affiliated to JNTUK)

A One Day seminar on Research based Multi-cloud management : tools and techniques

15.03.2024

Organized by

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Kakinada-Yanam Road, Patavala

Certificate Of Participation

This is to Certify that Mr./Ms. G. Yojana bearing Roll No. 226I1A0516 of 3-1 B.Tech has participated in A One day Seminar on 'Research based multicloud management : Tools and Techniques' organized by Department of COMPUTER SCIENCE ENGINEERING on 15-03-2024

PROGRAM COORDINATOR

PRINCIPAL

PYDAH COLLEGE OF ENGINEERING
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YANAM ROAD, PATAVALA KAKINADA, 533461, E.G.Dist,

Dt: 02-03-24

CIRCULAR

ORIGINATOR	**Principal**
CIRCULATED TO	**All ECE Engg students & staff**

This is to inform that **"A One Day Workshop on Entrepreneurship Development on Integrated Image Sensor & Deep Learning Network for Fabric Pilling Classification's** being organized by Department of Agriculture Engineering, Pydah College of Engineering, and Kakinada on **11-3-24**. I request you all to register immediately and attend the program.

Venue: Seminar Hall, Pydah College of Engineering, Patavala

Principal

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