



**GOVERNMENT COLLEGE(A) RAJAHMUNDRY**  
**DEPARTMENT OF COMPUTER SCIENCE**



**INDUSTRIAL EXPERT LECTURE SERIES**



# GOVERNMENT COLLEGE (A) RAJAHMUNDRY

## DEPARTMENT OF COMPUTER SCIENCE

### INDUSTRY EXPERT LECTURE SERIES

The Department of Computer Science organized an Industrial Lecture Series aimed at providing students with practical insights into industry trends and equipping them with knowledge about emerging technologies. The series featured sessions on **Internships and Job opportunities, Full Stack Development, Cyber security, Sales force, and Animation**, focusing on the intersection of technology, creativity, and real-world application. Main aim for organizing this series is to strengthen Industry-Academia collaborations to facilitate the students to get work exposure.

**Date:** 7<sup>TH</sup> and 8<sup>th</sup> November

#### **Key Topics Covered:**

1. Full Stack Development
2. Sales force
3. Animation
4. Internships and Job opportunities
5. Cyber security
6. Statistical Analysis System

#### **Organizers:**

1. Dr. D.Suneel Kumar (In charge Computer Science Department)
2. U.Sandhyarani
3. H.Devaraju
4. P.Narasingarao
5. D.Seetharamulu
6. S.Jayalakshmi
7. Ch. Sujatha

8. B. BalaParameswari

**Industries Visited:**

Amaravathi software solutions

Jeevachitram LLP

Learning Machs Software designing and training.

Bio stat IT solutions

**Resource persons:**

The event featured renowned professionals, including:

1. B. Lokesswari, Placement officer, Amaravathi Software solutions
2. Ch. Kiran, Full Stack trainer, Amaravathi Software solutions.
3. Arshith Kumar, Cyber security Trainer, Amaravathi Software solutions.
4. K.Satya Venkatesh, Head, Jeevachitram LLP.
5. A.Ganesh Creative Head, Jeevachitram LLP.
6. Suren J, Sales force trainer, Learning Machs Software designing and training.
7. K. Vasanth Kumar, Bio stat IT solutions

**Objectives:**

1. To strengthen Industry-Academia collaborations to facilitate the students to get work exposure.
2. Equip students with the knowledge and skills to explore internships and job opportunities in emerging industries.
3. Enhance understanding of technical skills, tools, and technologies required in Full Stack Development and Cybersecurity.
4. Introduce specialized platforms such as Sales force to understand customer relationship management (CRM) technologies.
5. Familiarize students with creative and technical aspects of Animation.
6. Introduce students to the powerful software suite used for advanced analytics, data management, and predictive modeling.

### **Outcomes:**

1. Gain foundational knowledge of Full Stack Development technologies (frontend, backend, and databases).
2. Understand the principles and best practices of Cybersecurity to ensure data safety and system integrity.
3. Develop familiarity with Salesforce as a tool for managing customer relationships and business processes.
4. Understand key processes and software involved in Animation production, including 2D/3D modeling and motion graphics.
5. Develop familiarity with advanced analytics, data management, and predictive modeling.
6. Exchange of Memorandum of Understandings (MoU) with various IT industries.

### **Brief Report:**

Department of Computer science organized two day Industrial expert lecture series with various Industries on 7<sup>th</sup> and 8<sup>th</sup> November at Digi-Hub Laboratory for Final year Undergraduate students. Three sessions were held on Day 1(7<sup>th</sup> November), Three sessions were held at day2.

#### **DAY 1- Session 1: (10:00 am to 11:00 am)**

First session started at 10:00 am. The Guest speaker was B. Lokesswari, Training and Placement officer in Amravati software solution. The Topic of her s lecture was Internships and Job opportunities. She briefly explained about Industry expectations for internships and entry-level roles, Strategies for resume building, interview preparation, and networking, Insights into emerging fields and career growth paths.

#### **DAY 1- Session 2: (11:00 am to 1:00pm)**

Second session started at 11:00 am to 1:00 pm. The Guest speaker was Ch. Kiran, Full stack trainer at Amravati software solution. The Topic of his lecture was Full stack development. He briefly explained about various frontend technologies like HTML, CSS, Java Script. He gave an

overview on popular frameworks like React, Angular, and Vue.js. He discussed on Server side technologies such as Node.js, RESTful APIs and backend frameworks. He briefly explained about Relational databases (MySQL, PostgreSQL) and NoSQL databases (MongoDB).

### **DAY 1- Session 3 (2:00 pm to 4:00pm)**

Third session started at 2:00 pm. Guest Speaker was Arshith Kumar. He briefly explained about significance of cyber security in the digital era. He explained about confidentiality, integrity, and availability (CIA triad), Real-world examples of cyber security breaches and their impact on organizations. He explained about Types of cyber threats: phishing, malware, ransomware, and social engineering attacks, firewalls, antivirus software, intrusion detection systems (IDS), and encryption.

### **DAY 2- Session 1: (10:00 am to 11:00 am)**

First session started at 10:00 am. The Guest speaker was K.Satya Venkatesh. He briefly explained about scope of animation across various industries, including film, gaming, advertising, and e-learning. He explained about animation pipeline, including concept development, storyboarding, modeling, texturing, rigging, and rendering.

### **DAY 2- Session 2: (11:00 am to 1:00pm)**

Second session started at 11:00 am to 1:00 pm. The Guest speaker was A. Ganesh Creative Head, XAnimate Academy. He explained about storytelling in creating engaging animations, Techniques to develop compelling characters and immersive worlds. Case studies of iconic animated movies and their creative processes. He gave an Overview of job roles, such as Animator, Storyboard Artist, Character Designer, and VFX Artist.

### **DAY 2- Session 3 (2:00 pm to 4:00pm)**

Third session started at 2:00 pm. Guest Speaker was K. Vasanth Kumar, Bio stat IT solutions. He briefly explained about SAS components: Base SAS, SAS/STAT, SAS/GRAPH, and SAS Enterprise Guide, Features of SAS such as Data access and management capabilities, Analytical functions: Descriptive statistics, inferential statistics, and regression modeling, Data visualization tools for creating impactful reports and dashboards, SAS applications. He explained about career opportunities in SAS.

## Student Feed back

Students found the sessions were comprehensive and informative, with a clear explanation of all topics.

## Outcome of Industrial Lecture Series:

Exchanged MoU's with Jeevachithram LLP, Amaravathi software solutions.



Fig 1: MoU's with Amaravathi Solutions



Fig 2: MoU with Amaravathi Solutions



Fig 3: MoU with Jeeva chithram



Fig 4: MoU with Jeeva chithram

# ఈనాడు తూర్పుగోదావరి

మంగళవారం నవంబరు 19, 2024

5

## రెండు సంస్థలతో ఆర్ట్స్ కళాశాల ఒప్పందం



శ్యామలా సెంటర్ : నూతన విద్యావిధానానికి అనుగుణంగా విద్యార్థులకు అవసరమైన నైపుణ్య శిక్షణ ఇచ్చేందుకు రాజమహేంద్రవరం ప్రభుత్వ డిగ్రీ కళాశాల రెండు సంస్థలతో అవగాహన ఒప్పందాలు కుదుర్చుకుందని కంప్యూటర్ సైన్స్ విభాగాధిపతి డాక్టర్ సునీల్ కుమార్ దువ్వూరి తెలిపారు. ఈ మేరకు అమరావతి సాఫ్ట్వేర్ సంస్థ చైర్మన్ అనిల్ కుమార్ చింతా, జీవచిత్రనం సంస్థ ఆపరేషన్స్ అధిపతి సత్య వెంకటేష్ కలిగల్ల, ఆర్ట్స్ కళాశాల ప్రిన్సిపల్ డాక్టర్ రామచంద్ర ఆర్కే ఒప్పంద పత్రాలపై సంతకాలు చేశారు.

Fig 5: Enadu Paper Clipping on MoUs

## Govt college inks pact with 2 industries for skill growth



EXPRESS NEWS SERVICE

@ Rajamahendravaram

THE Computer Science Department of Government Autonomous College signed two Memoranda of understanding (MoUs) with Amaravati Software Innovations Private Limited, Vijayawada, and Jeevachitranam, Rajamahendravaram, on Monday to enhance skill-based training for students.

College Principal Dr Ramachandra RK stated that these partnerships align with the New Education Policy (NEP) 2020 and aim to provide students with industry-relevant skills.

Under the leadership of Dr Sunil Kumar Duvvuri, head of

the Computer Science Department, the MoUs will focus on advanced training in software development, animation, IT, and finance, including hands-on project-based learning, internships, faculty development programmes, and research opportunities.

Students will also gain exposure to the latest trends in animation through expert guidance and industry visits.

The Memorandum of understanding (MoU) with Amaravati Software Innovations was signed by its Chairman and Managing Director (MD) Anil Kumar Chinta, while Jeevachitranam's Operations head Satya Venkatesh Kaligatla signed for his organisation.



Fig 6: INDIAN EXPRESS paper clipping on MOUs

# సాక్షి

## తూర్పుగోదావరి

మంగళవారం, 19, నవంబర్, 2024

### ఆర్ట్ కళాశాల అవగాహన ఒప్పందం

కంబాలచెరువు (రాజమహేంద్రవరం): స్థానిక ఆర్ట్ కళాశాల కంప్యూటర్ సైన్స్ విభాగం విజయవాడ అమరావతి సాఫ్ట్వేర్ ఇన్స్టిట్యూట్ ప్రైవేట్ లిమిటెడ్, రాజమహేంద్రవరంలోని జీవచిత్రనం సంస్థలతో అవగాహన ఒప్పందాలు కుదుర్చుకుందని ప్రీస్ని పాల్ రామచంద్ర.ఆర్ కే సోమవారం తెలిపారు. నూతన విద్యా విధానానికి అనుగుణంగా విద్యార్థులకు అవసరమైన నైపుణ్య శిక్షణ అందించడానికి ఈ సంస్థలు ముందుకు వచ్చాయన్నారు. కంప్యూటర్ సైన్స్ విభాగాధిపతి డాక్టర్ సునీల్ కుమార్ దువ్వూరి కృషి మేరకు ఈ సంస్థల సాఫ్ట్వేర్ అభివృద్ధి చేయడం, యానిమేషన్, ఐటీ, ఫినాన్స్ విభాగాలకు సంబంధించిన వృత్తి నైపుణ్యాల్లో విద్యార్థులకు నైపుణ్య శిక్షణ ఇస్తుందన్నారు. అవసరమైన ప్రాజెక్టు ఆధారిత శిక్షణతో పాటు ఇంటర్నెట్ పిలసు కల్పించడం, ఫ్యాకల్టీ డెవలప్ మెంట్ కార్యక్రమాలు, పరిశోధన ప్రాజెక్టులు నిర్వహించడం వం



ఒప్పంద పత్రాలతో కళాశాల ప్రెసిపాల్ డాక్టర్ రామచంద్ర, సంస్థ ప్రతినిధులు

టివి సంస్థలు చేపడతాయన్నారు. అమరావతి సాఫ్ట్వేర్ ఇన్స్టిట్యూట్ ప్రైవేట్ లిమిటెడ్ సంస్థ చైర్మన్, మేనేజింగ్ డైరెక్టర్ అనీల్ కుమార్ చింతా, జీవచిత్రనం సంస్థ ఆపరేషన్స్ అధిపతి సత్య వెంకటేశ్ కలిగట్లతో ఒప్పంద పత్రాలపై సంతకం చేశారు.

Fig 7: SAKSHI Paper clipping on MoUs

## Photo Gallery



Fig 8: Session on Full Stack Development



Fig 9: Session on Animation



Fig 10: Session on Animation



Fig 11: Session on Animation



Fig 12: Session on Cyber Security



Fig 13: Speaker giving Session on Sales Force



Fig 14: Online session on SAS

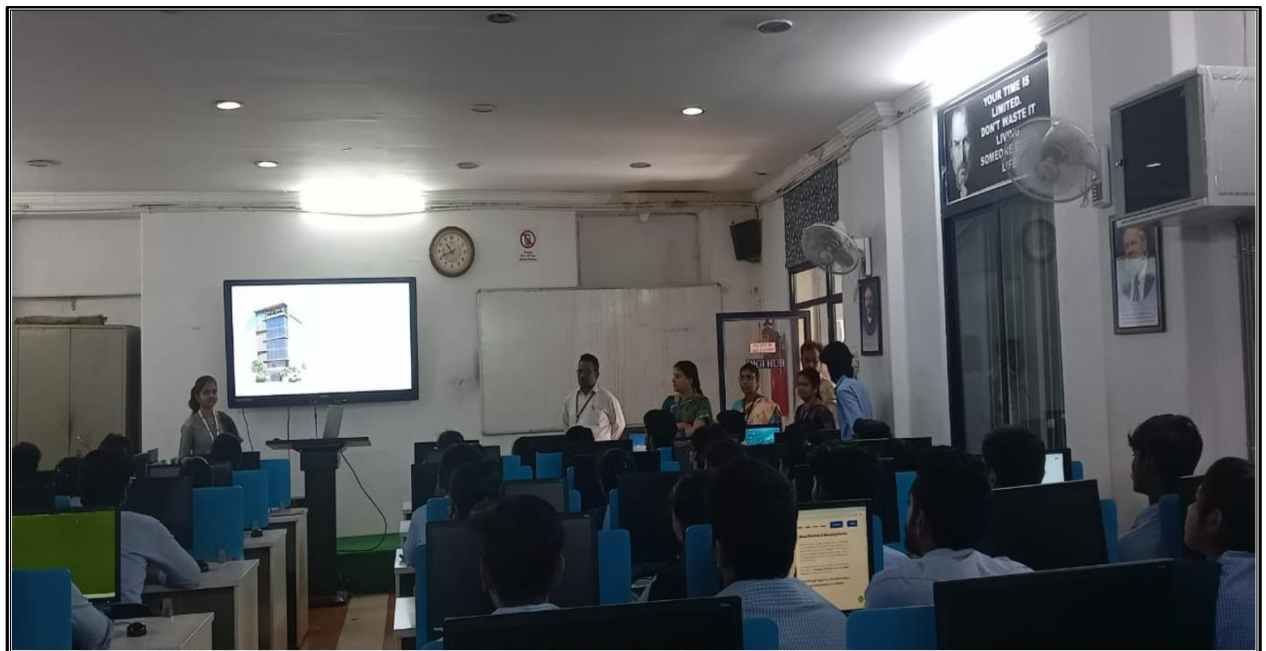


Fig 15: Session on Internship and Job opportunities



Fig 16: Industry experts



Fig 17: Industry experts

## List of Participants

S.NO	Name	Regt NO	Group	signature
1.	J. Ramya	22325764	BSC Computer Science	J. Ramya
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14.	Naruni. Abhijan	22325720	BSC Computer Science	N. Abhijana
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17.	K. Prasad	22325748	BSC Computer Science	K. Prasad
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