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# INDUSTRIAL LECTURE SERIES

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DEPARTMENT OF COMPUTER SCIENCE



APRIL 24, 2025

GOVERNMENT COLLEGE (A) RAJAHMUNDRY

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DEPARTMENT OF COMPUTER SCIENCE

## INDUSTRIAL LECTURE SERIES

An *Industrial Lecture Series* was organized by department of Computer Science, with the objective of bridging the gap between academic knowledge and real-world industrial practices. The event aimed to expose students to the latest technological advancements, current industry trends, and professional insights shared by experienced industrial experts.

**Date:** 24-04-2025

**Venue:** Technosphere Laboratory

### Objectives

- To provide students with practical knowledge beyond classroom learning.
- To familiarize them with industrial work culture, challenges, and expectations.
- To motivate students through interaction with professionals.
- To enhance career awareness and technical competencies.

### Outcomes:

- Students gained a better understanding of current industry trends, technologies, and professional expectations across various sectors.
- The sessions emphasized the importance of both technical and soft skills, guiding students on how to prepare for industrial roles effectively.
- Exposure to real-world challenges and job roles helped students make more informed decisions about their career paths and areas of specialization.

### Resource persons

- Nagarjuna Nagalla -Software Trainer Amaravathi software solutions
- Chintu Sai Kiran - Software Trainer Amaravathi software solutions
- Venkat Vijay L – Software Trainer Datapro
- Anil Kumar Manchikatla-Software Architect cum Trainer

Brief Report:

**Session 1:** 10:00am to 11:00am

Department of Computer Science organized an insightful session on Web Interface Design, featuring Mr. Nagarjuna Nagalla as the resource person.

He introduced students to the fundamentals and best practices of web interface design. Demonstrated the integration of user-centric design principles in web development. He highlights the importance of responsive and accessible web interfaces and provided practical insights into industry-standard tools and technologies.



Fig 1: Nagarjuna Nagalla from Amaravati solutions

**Session 2:** 11:00am to 12:00pm

Resource person Chintu Sai Kiran discussed about the importance of Internships, Source of Internship opportunities, Soft skill development, Importance of certifications through Coursera, edX, Udemy, and others for skill enhancement.



Fig 2: Chintu Sai Kiran Demonstrating Job opportunities

### Session 3: 1:00 pm to 2:00 pm

The session was conducted by Anil Kumar Manchikatla, an expert in Data Science, Machine Learning, and Software Development. He demonstrated data Handling with Pandas and NumPy, Data frames, Series, data cleaning, and preprocessing.

He also demonstrated Data Visualization: Creating plots and charts using Matplotlib and Seaborn to derive insights from data.



Fig 3: Anil Kumar Manchikatla demonstrating data science tools

**Session 4:** 2:00pm to 3:00pm

Resource person Venkat Vijay. L provided practical insights into how MEAN Stack technologies are used in real-world web applications. His session helped bridge theoretical concepts with hands-on practice, making it highly beneficial for students aspiring to enter the web development field.



Fig 4: Venkat Vijay L demonstrating Mean stack technologies

**Feed Back:**

**1. Overall Impression:**

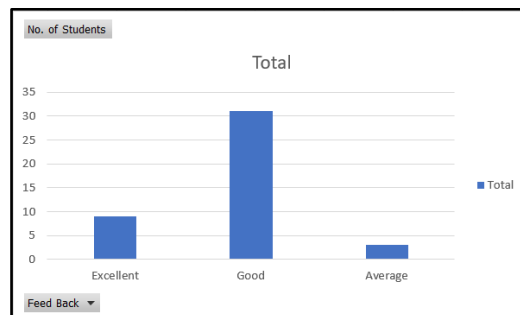
The Industrial Lecture Series was highly informative and well-organized. It offered valuable insights into current industry practices and real-world applications of academic concepts.

**2. Relevance of Topics:**

The topics covered were relevant and aligned well with our curriculum. They helped bridge the gap between theoretical knowledge and industry requirements.

**3. Speaker Quality:**

The speakers were experienced professionals who communicated concepts clearly. Their real-life examples and case studies made the sessions engaging and practical.







Government College (Autonomous) Rajahmundry  
Department of Computer Science  
Industry Lecture Series

S.NO	Regd No	Name Of the Student	Group	Signature
1	22325719	J. Swarna Shree	BSc. Computer	J. Swarna Shree
2	22325707	S. Hemalatha	BSc. Computer	S. Hemalatha
3	22325714	Y. Navya	BSc. Computer Science	Y. Navya
4	22325744	P. Ashwin	BSc. Computer Science	P. Ashwin
5	22325716	Ch. Pujamadhuri	BSc. Computer Science	Ch. Pujamadhuri
6	22325730	T. Nandini	BSc. Computer Science	T. Nandini
7	22325734	E. Durga Bhavani	BSc. Computer Science	E. Durga Bhavani
8	22325763	S. Lakshmi Deepika	II	S. Lakshmi Deepika
9	22325738	P. Padma	BSc. Computer Science	P. Padma
10	22325724	A. Sumalatha	BSc. Computer Science	A. Sumalatha
11	22325741	D. Supriya	BSc. Computer	D. Supriya
12	22325706	G. Lakshmi	BSc. Computer	G. Lakshmi
13	22325704	K. Madhavi	BSc. Computer	K. Madhavi
14	22325708	S. Charmisha	BSc. Computer	S. Charmisha
15	22325722	B. Venkata Lakshmi	BSc. Computer	B. Venkata Lakshmi
16	22325721	P. Hemamalika	BSc. Computer	P. Hemamalika
17	22325748	K. Prasad	BSc. Computer	K. Prasad
18	22325745	Ch. J. Satish	BSc. Computer	Ch. J. Satish
19	22325747	M. S. S. Vivek	BSc. Computer	M. S. S. Vivek
20	22325757	R. Anil	BSc. Computer	R. Anil
21	22325746	G. Vijaya Durga	BSc. Computer	G. Vijaya Durga
22	22325727	K. Mahitha Pavani	BSc. Computer	K. Mahitha Pavani
23	22325729	B. Anurag	BSc. Computer	B. Anurag
23	22325703	R. Devi Prasad	BSc. Computer	R. Devi Prasad
24	22325720	N. Abhijith	BSc. Computer	N. Abhijith
25	22325755	B. Nagendra	BSc. Computer	B. Nagendra
26	22325740	M. PURGAPRASAD	BSc. Computer	M. Purgaprasad
27	22325709	B. Sharmila Devi	BSc. Computer	B. Sharmila Devi
28	22325758	B. Prasanthi	BSc. C.S	B. Prasanthi
29	22325715	B. Teja Sri	BSc. Computer	B. Teja Sri

# GOVERNMENT COLLEGE(A) RAJAHMUNDRY

DEPARTMENT OF COMPUTER SCIENCE

## CIRCULAR

Subject: Industrial Lecture Series on Job opportunities, Machine Learning, Data Science

We are pleased to announce that Department of Computer Science is organizing an Industrial Lecture Series as part of our initiative to bridge the gap between academic learning and industry practices.

The series aims to provide students with insights into real-world industrial processes, current trends, technologies, and professional practices. Experts and professionals from leading industries will be sharing their experiences, knowledge, and valuable career guidance.

### Details of the Lecture Series:

- **Date:** 25-04-2025
- **Time:** 10:00 am
- **Venue:** Technosphere Lab

We encourage all students to make the most of this valuable opportunity to enhance their industry exposure and professional understanding.

For any further queries, please contact:

- U. Sandhyarani- sandhyacs@gcrjy.ac.in

In charge

Department of Computer Science

# BROCHURE

# GOVERNMENT COLLEGE

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## DEPARTMENT OF COMPUTER SCIENCE



## INDUSTRY EXPERT LECTURE SERIES

Invited talks by Industry Experts-  
Preparing Students for  
Internships/Jobs

**24-04-2025**

ORGANIZED  
BY

Department of Computer Science

FOR FINAL YEAR STUDENTS



## PROFILES OF RESOURCE PERSONS

### Resource Person:

Chintu Sai Kiran

### CHINTHU SAI SRI KIRAN

SOFTWARE TRAINER

#### CONTACT

📍 Rajahmundry  
☎ 7036036960  
✉ kiranchintu2309@gmail.com  
📞 23-09-1998

#### OBJECTIVE

Enthusiastic and detail-oriented Software Trainer with 2.5 years of experience in designing, developing, and delivering comprehensive training programs. Adept at simplifying complex software concepts and fostering a collaborative learning environment. Proven track record of improving user competency and productivity through tailored training solutions and effective instructional techniques.

#### LANGUAGE

- ✓ English
- ✓ Telugu

#### SKILLS

- HTML
- CSS
- JAVASCRIPT
- BOOTSTRAP
- MUI
- VITE
- JAVA
- PYTHON
- DATA STRUCTURES
- REACT
- NODE JS
- MYSQL

#### WORK EXPERIENCE

- software Trainer** 01-03-2022 - 20-08-2023  
Visual Arts Training Institute  
- Designed and delivered training programs for junior developers, resulting in a 40% increase in team efficiency.  
- Developed and taught courses on Java, Python
- Software Trainer** 21-09-2020 - 20-10-2022  
Media 3 Training Institute  
Created and delivered customer training programs for software applications, leading to a 95% customer satisfaction rate.
- Software Trainer** 28-08-2023 - Present  
Amaravathi Software Training Institute  
- Utilized instructor-led training, online courses, and hands-on workshops to engage diverse learning styles.  
- Trained hundreds of developers, improving their coding skills and productivity.

#### PROJECTS

**NETFLIX**  
Done Using  
FRONTEND: HTML, CSS, BOOTSTRAP  
FRONTEND FRAMEWORK: REACT JS  
BACKEND: NODE JS, MYSQL, JAVA

**CRUD APPLICATION**  
FRONTEND: HTML, CSS, MUI  
FRAMEWORK: VITE  
BACKEND: NODE JS, MYSQL

#### USER AUTHENTICATION

**Administration Panel**  
USED MERN STACK

**Chat Application**  
USED PYTHON FULL STACK

#### EDUCATION

- Degree(BSC MPC'S)** 06-06-2017 - 20-04-2020  
Sri venkateswara university
- Intermediate** -  
Ratnam junior college
- SSC** -  
Amg Bommuru

**Resource person:**

Anilkumar Manchikatla

<p><b>Course Director</b></p>  <p><b>Anilkumar Manchikatla</b> (IIT-Roorkee, Mumbai University, Software Architect cum Trainer &amp; IAS Academy Trainer)</p>	<p><b>Subject Expert:</b> Over 15 years of experience across domains, roles &amp; technologies. Worked in top MNCs such as Siemens, AstraZeneca, Atos &amp; for clients Novartis, Franklin Templeton, Alstom as Software Engineer to Sr. Technical Architect &amp; Product Manager. Also, has experience in &amp; engaged with Indian Railways Project In Mumbai, IAS Academy In Pune &amp; Chennai, Data Science &amp; AI from IIT (Roorkee).</p> <p><b>Leadership, Managerial, Organizational Achievements:</b> International award in Paris, France from Atos Global Chairman, CEO &amp; Ex Finance Minister of France for contribution in Social Collaboration Research. Lead Intelligent Enterprise Search workshops In Munich, Germany Winner of Olympic Competition in the ideation - Social collaboration &amp; benefits to the business - Productivity improvement. Lead a team of over 2000 for Corporate World Cup of Zero Email Network (ZEN). Have won Gold medal for coaching India.</p> <p><b>Social Responsibility:</b> Won National Award for Education, Health &amp; Social Developmental activities - Seva Puraskar Award. Free Education to the poor &amp; needy students &amp; unemployed across over 100 districts. Founder &amp; Chairman of a National NGO having services across 65 Districts, with 1000s of volunteers, from advocates, Ex Servicemen, Army - Navy - Airforce, Engineers, Doctors, Working / Retired Government employees to Farmers, businessmen, etc.</p>
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**Resource Person:** VENKAT VIJAY L

**VENKAT VIJAY L**, BTech, 18+ Yrs Exp  
(91) 7842898356 | lokanadam@gmail.com |

Served as program manager responsible for overseeing and directing projects. Managed IT projects that supported multiple high-profile and complex projects spanning over several fiscal years. Liaised between diverse internal and external business partners to oversee data integrity, as well as the design, planning and seamless implementation of enterprise-wide software and database system solutions.

Key Capabilities:

- **Diligent project manager offering a proven record of success** leading all phases of diverse technology projects; and computer programming and business finance experience.
- **Business strategist;** plan and manage large projects aligning business goals with technology solutions to drive process improvements, competitive advantage and bottom-line gains.
- **Excellent communicator;** leverage technical, business and financial acumen to communicate effectively with client executives and their respective teams.
- **Expert in agile and waterfall project management methodologies.** Known for ability to produce high-quality deliverables that meet or exceed timeline and budgetary targets.

### **Work Experience**

DATAPRO COMPUTERS PVT LTD, **Trainer & Senior Project Manager**, 2016 till date.

VIJAY TECHNOLOGIES, **CEO / Senior Project Manager**, 2009 to 2016

FRUX SW SOLUTIONS PVT LTD, **Project Manager**, 2007 to 2009

EXCEL INTERNATIONAL GROUP, **Team Lead**, 2006 to 2007

WEBPROS SOLUTIONS PVT LTD, **Senior Developer**, 2003 to 2006

PRALOKSYSTEMS, **Junior Developer**, 2001 to 2003.

Recruited by two of the USA's prominent firms to provide project management over large-scale, top-priority and complex technology initiatives. Managed projects of cloud scale and cross-functional teams of up to 25 developers, programmers, analysts and network specialists.

Drove the high-quality completion of systems engineering, software/database development and enterprise-wide implementation projects for major clients including:

- Onsite Dental, California, USA
- Cinchapi, Atlanta, USA
- Excel International Group, New Jersey, USA
- Zedlabs Pvt Ltd, Guntur, India
- Youth Skills Development Organization, J & K, India
- Municipal Corporations, (Visakhapatnam, Tirupati, EastGodavari)
- Universities/Colleges (GITAM, SriPrakash, GMRIT, Vignan)
- Little Angels School, Visakhapatnam

#### **Achievement Highlights:**

- Led teams across broad technical, financial and business disciplines. Focused teams on business objectives and tracked progress to ensure project milestones were completed on time, on budget and with the desired results.
- Mitigated risk factors through careful analysis of financial and statistical data. Anticipated and managed change effectively in rapidly evolving global business environments.
- Defined processes and tools best suited to each project. Moved between agile and waterfall approaches depending on project specifics and client goals, creating detailed project road maps, plans, schedules and work breakdown structures.

#### **Representative Projects (2002 to 2018)**

- **Custom Software Developments:** Managed all phases of the software development lifecycle (SDLC) for dozens of custom solutions. Led design and rollout of robust, scalable and secure scheduling platform and enterprise resource planning (ERP) for clients including Onsite-Dental and Cinchapi.

*Results:* Completed projects up to two months ahead of schedule, under budget and to universal client acclaim. Delivered industry-leading software that shortened processes from weeks to minutes.

- **Database Developments:** Guided teams in the development of relational database management systems (RDBMS) for clients including GITAM, GMRIT and Vignan.

*Results:* Improved the consistency, recoverability and accessibility of data.

- **System Integrations/Migrations:** Project-managed large-scale initiatives involving the transition of programs to new platforms and the merger of disparate systems from acquired client companies and internal consolidations. Re-engineered legacy System and implemented new information management system for Little Angels group of schools.

*Results:* Achieved seamless migrations and integrations that were transparent to client customers, accomplished with no unscheduled downtime.

- **Enterprise Implementations:** Directed national rollouts of new software and systems for clients including Zedlabs, J&K State Government & Municipal Corporations of AP State.

*Results:* Ensured defect-free releases through careful planning, testing and QA efforts.

- **Corporate Training:** Provided hands-on training for the upgrading of technology know-how programming for employees of Phoenix IT Solutions, Naval Dockyard and Pyxis Solutions.

*Results:* Ensured Real Time scenarios are understood and tackled in development and deployment contexts.

### **Technology know-how & Education:**

<b>Cloud &amp; Distributed Systems</b>	:	Azure, AWS, Spark, Hadoop
<b>Data Analytics &amp; AI</b>	:	Python, Scikit-Learn, TensorFlow, Matlab, R
<b>Full Stack Development</b>	:	Java, .NET, Python, MEAN, XAMPP, Android
<b>IOT</b>	:	Arduino, RaspberryPi
<b>Project Management</b>	:	Asana, JIRA, PPM, MS Project
<b>Methodologies</b>	:	Agile, SCRUM, SDLC / Waterfall

**Graduation**

: BTech, Andhra University