



**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
**ANNUAL REPORT FOR THE ACADEMIC YEAR 2023-24**

The Internal Quality Assurance Cell (IQAC) of the institution has been actively engaged in ensuring continuous quality improvement in academic, administrative, and extracurricular activities. This report summarizes the initiatives, activities, and achievements of IQAC during the academic year 2023-24.

2. Objectives of IQAC for 2023-24:

- Enhance academic quality and student outcomes.
- Promote research and innovation among faculty and students.
- Organize faculty development programs to build competencies.
- Strengthen the institution's infrastructure to support teaching and research.
- Facilitate the preparation of reports for NAAC, NIRF, and AQAR.

3. Faculty Development Programs (FDPs) Organized: During the academic year 2023-24, the institution organized the following FDPs to enhance the professional growth of faculty members:

Date	Program Title	Department/Area	Resource Person(s)	No. of Participants
15 June 2023	"Effective Teaching Pedagogies"	Institution-wide	Dr. R.Priavyjanthi(Dean IQAC, NSRIT, Visakhapatnam)	45
22 July 2023	"Research Methodology and Paper Writing"	Research & Publication	Dr. P.Kalpana (CSIR-IICT, Hyderabad )	60
09 Sept 2023	<b>Personal Finance During Crisis</b>	MBA	Dr.Ch.Raja Kamal	30
20 Nov 2023 25Nov 2023	"Machine Learning"	Engineering	Dr. A.P.Sivakumar Dr K G Srinivas Dr Kapil Sarma	51
18 Dec2023 23 Dec2023	Recent trends in Signal & Image processing	Engineering	Dr Tamakrishna Sai Dr varadharajan Dr Pv Arun	50

24 Oct 23 28 Oct 23	Recent trends in water resource engineering	Engineering	Dr P Subba rao	43
18 Dec 23 23 Dec 23	Recent trends in signal image processing	Engineering	DrRmakrishna Dr Varada rajan Dr Pv Arun	50
13 May24 15 May 24	AI Enhanced IoT embedded systems: From edge devices to cloud	Engineering	Dr B Venkata Ramana Dr R Varaprasad	61

#### 4. Major Outcomes of FDPs:

- Improved pedagogical skills among faculty members.
- Enhanced awareness of research methodologies and academic writing standards.
- Familiarity with emerging trends in machine learning and their applications.
- Promoted integration of sustainable practices into engineering education.

#### 5. Research and Innovation Initiatives:

- Published 161 research papers in reputed journals and conferences.
- Initiated collaborative projects with industries focusing on renewable energy and sustainable technologies.

#### 6. Infrastructure Development:

- Upgraded laboratory facilities in the departments of Mechanical and Civil Engineering.
- Established a new Research Incubation Center for multidisciplinary projects.
- Enhanced library resources with the addition of 500 books.

#### 7. Preparation of NAAC, NIRF, and AQAR Reports:

- Facilitated the timely submission of AQAR 2023-24.
- Conducted workshops on performance indicator guidelines to improve NIRF scores.
- Coordinated with criterion coordinators to ensure accurate CO-PO attainment calculations.

8. Conclusion: The academic year 2023-24 was marked by significant strides in faculty development, research, and quality assurance. The IQAC remains committed to fostering a culture of excellence and continuous improvement in all spheres of the institution.





## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Gudur, Nellore Dist, A.P (India)

Circular

Circular No. ASCET (A)/ IQAC Meeting/2023-24 (1)

10.06.2023

This is to inform all the internal members of IQAC committee that there will be meeting on June 25th 2023 Saturday at 300.pm with the following agenda. All the internal members are requested to attend the meeting  
Venue: Board Room

### Agenda

1. Review of the minutes of the last meeting held on Dec, 2022
2. Student exit survey
3. Audit of departmental files
4. Academic Calendar
5. B.Tech Mid 1 analysis
6. Result analysis
7. Online feedback of B.Tech programmes before mid-1
8. Any other point

Co-Ordinator IQAC



Copy to :

1. Founder, Chairman, Chairperson and vice chairperson for kind information
2. Deans, HODs and administrative officer (AO)
3. All concerned faculty
4. File

  
PRINCIPAL  
AUDISANKARA COLLEGE OF  
ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)  
GUDUR, TIRUPATI DT. (A.P.)



## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

### Minutes of the meeting

Minutes of the Internal Quality Assurance Cell (IQAC) Meeting held on 25.06.2023 at ASCET (A) , Gudur

#### 1. Minutes of previous meeting

Coordinator of IQAC read the minutes of previous meeting. All the members present in the meeting unanimously confirmed the minutes

#### 2. Action taken report (ATR) on minutes of the previous meeting

Coordinator IQAC presented ATR on the minutes of previous meeting was discussed and noted by the house

#### 3. Action plan for implementation of NEP-2020

The following should be one of the actionable agenda points across all future IQAC meetings

- Moving from content-based education to learner-centric
- Implementation of MOOCs/Online/Blended learning
- Research & International collaborations
- Implementation of industry-driven curriculum
- Implementation of IKS to promote interdisciplinary education in Science/Arts/Social sciences/Mass media/Agriculture for protecting the cultural heritage of the country

Each department is requested to come up with a list of the activities taken up already & new initiatives to be taken related to each of the parameters mentioned above.

#### 4. Student exit survey and satisfactory survey

Review of the student satisfaction survey and student exit survey pertaining to the A-Y 2022-23.

#### 5. Audit of departmental files

It is advised to conduct academic audits to smooth function of the system

#### 6. Academic Calendar

Members discussed the importance of maintaining strict adherence to the academic calendar to ensure consistency in academic activities, timely completion of courses, and alignment with institutional schedules.

#### 7. Result Analysis

The meeting focused on reviewing the recent examination results for each department, assessing student performance trends, and identifying areas for improvement. Members analyzed pass rates, subject-wise performance, and identified both high and low-performing subjects. The discussion highlighted the need for targeted interventions in areas where students struggled, as well as strategies to maintain or enhance performance in successful subjects.

8. Online feedback of B.Tech programmes before mid-1

The importance of gathering timely feedback from students on B.Tech programs was discussed. Members agreed that online feedback should be collected before the Mid-1 examinations to gain insights into students' experiences and address any concerns at an early stage in the semester. This proactive approach allows faculty to make necessary adjustments in course delivery, resources, and support.

9. Any other point

HODs are instructed to advise faculty to publish papers and participation in workshops, seminars and conferences.

the Next IQAC meeting of this year is scheduled for 3<sup>rd</sup> week of October, 2023. This serves as an advance notice to IQAC members for their information and planning.

The meeting ended with vote of thanks by the coordinator IQAC





# AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Gudur, Nellore Dist, A.P (India)

## Members Present

S.No	Name	Designation	IQAC Positio
1.	Dr. G.V.Narayana	Principal	Chairperson, IQAC
2	Ms V. Anusha	Vice Chair Person	Member, Management IQAC
3.	Dr. M Rajaiah	Dean Academics	Member, IQAC
4.	Dr. P. Michael joseph stalin	Dean Research & Development	Member, IQAC
5.	Dr T.Venu Madhav	Dean Industry Institute Interface	Member, IQAC
6.	Dr. D.V.VaraPrasad	Head, CSE	Member, IQAC
7.	Dr. S.V. Padmavathi Devi	Head, CSE (AI)	Member, IQAC
8.	Dr U.Thirupalu	Head, AIML	Member, IQAC
9.	Dr Surendra Reddy	Head, CSE AIDS	Member, IQAC
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14.	Ms Archana	Head-CDC	Member, IQAC
15.	J. Amarendhra	Assoc Prof	Coordinator, IQAC
16	N.Pawan	Finance Officer	Member-Admin, IQAC
17.	Mr. M R Dinesh	Ceo,LSIT	Industry Member, IQAC
18.	Mr.G. Pranay Kumar	Asst Professor, ASCET	Member Alumni, IQAC
19	Mr D Vishnu Vardhan	Student member-1,CSE	Student Member, IQAC
20	Mr. V. Y.Choudhari	Student member-2, EEE	Student Member, IQAC
21	Mr D Ashok Reddy	Student member-3, ECE	Student Member, IQAC



**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

Action Taken Report for IQAC Meeting Held on 30.12.2022

Reference IQAC Meeting:	ASCET / IQAC/ 2022 - 2023: 02	ATR Reviewed in:	ASCET / IQAC/ 2023 - 2024: 01	
	To conduct Student exit survey and satisfactory survey	IQAC	30.04.2023	
	To verify the course files for AY 2022-23	IQAC	30.05.2023	
	Dept. collaboration with the respective core industries held 31st May 2023	Respective HoDs & CDC	31.05.2023	ress
	Online feedback of B.Tech students	HODs	30.08.2023	

Co-Ordinator IQAC

Note: The next meeting will be held tentatively in the 3<sup>rd</sup> week of October 2023.

Copy to:

- Principal
- Assoc. Dean – Academics,
- Assoc. Dean – Student Affairs,
- All HoDs with a request to inform the concerned members of the faculty File

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(AUTONOMOUS)  
GUDUR, TIRUPATI DT, (A.P)







## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Gudur, Nellore Dist, A.P (India)

Circular

Circular No. ASCET (A)/ IQAC Meeting/2023-24 (2)

18.10.2023

This is to inform all the internal members of IQAC committee that there will be meeting on October 30, 2023 Saturday at 300.pm with the following agenda. All the internal members are requested to attend the meeting  
Venue: Board Room

### Agenda

1. Review of the minutes of the last meeting held on June, 2023
2. Action taken report (ATR) on minutes of the previous meeting
3. Intake and admissions -UG and PG programs of the CAY
4. Implementation of NEP-2020
5. Research and development activities
6. Faculty Development activities
7. Student research and development activities
8. AQAR preparation for the AY2022-23
9. Any other agenda item with the permission of the chair

Co-ordinator IQAC

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2. Deans, HODs and administrative officer (AO)
3. All concerned faculty
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GUDUR, TELANGANA



## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Gudur, Nellore Dist, A.P (India)

Minutes of the meeting

Minutes of the Internal Quality Assurance Cell (IQAC) Meeting held on 30.10.2024 at ASCET (A) , Gudur

### 1. Minutes of previous meeting

Coordinator of IQAC read the minutes of previous meeting. All the members present in the meeting unanimously confirmed the minutes

### 2. Action taken report (ATR)on minutes of the previous meeting

Coordinator IQAC presented ATR on the minutes of previous meeting was discussed and noted by the house

### 3. Intake and admissions -UD and PG programs of the CAY

The following are the details of the intake and admissions for the current academic year

BRANCH	INTAKE	ADMITTED
CE	60	8
EEE	120	57
ME	30	18
ECE	480	415
CSE	420	424
CSD	180	189
CAI	300	186
AI&DS	180	198
AIML	180	60

		CAY m1(2023-24)	
YEAR	BRANCH	INTAKE	ADMITTED
I M.TECH	EPS	36	2
	PE	18	-
	VLSI	36	6
	ES	18	4
	CSE	54	27
	SE	18	-
	STE	18	13
I	MBA	180	52
	MCA	240	86
		618	190

4. Research and development activities  
 Reviewed faculty publications for the last 5 years

1. No	A-Y	Publications	Patents Published	Patents granted	Books	Book Chapter
1	2022-23	161	15	1	---	2
2	2021-22	159	11	2	5	10
3	2020-21	189	17	3	13	3
Total		714	53	6	20	16

5. Faculty Development activities

The faculty development activities such as representations in BOS of other institutes, industry internships, certification on modern tools and emerging technologies, FDPs, MOOCs, NET/SLET qualification, achievements of fellowships / awards/ recognition, delivering guest/ expert lectures were thoroughly reviewed. Faculty were appreciated for their active participation. However, they were advised to put more efforts in respect of industry internships and MOOCs.

6. Student research and development activities

the research and development activities of the students such as research publications, industry internships, certification on modern tools & emerging technologies, MOOCs, workshops, conference, were thoroughly reviewed. Students were appreciated for their active participation. However, they were advised to put more efforts in respect of research publications and MOOCs.

7. AQAR preparation for the AY2022-23

The following coordinators are identified to prepare AQAR2022-23

Criteria	Central Coordinator
Part A and Extended Profile	Mr J Amarendhra, ECE
Criterion 1: Curricular Aspects	Mr JSuresh, EEE
Criterion 2: Teaching-Learning and Evaluation	Mr J Amarendhra, ECE
Criterion 3: Research, Innovations, and Extension	Dr Immanuel, EEE
Criterion 4: Infrastructure and Learning Resources	Dr T.Venumadhav, G.Pranay, CE
Criterion 5: Student Support and Progression	Dr VaraPrasad, Dr Padmavathi, CSE
Criterion 6: Governance, Leadership, and Management	Dr K Dhanumjay, ECE & Dr Vijaya Nirmala MBA
Criterion 7: Institutional Values and Best Practices	Dr Y Harinath, FME

8. Any other item with permission of the chair

#### Schedule of next IQAC meeting

In line with previous recommendations, the IQAC typically convenes four times a year, preferably on Saturdays. The meeting schedule is as follows:

First Meeting: Last Saturday of June, covering the period from April 1 to June 30.

Second Meeting: Last Saturday of September, focused specifically on the finalization of the AQAR for the year. Additional topics, if any, may also be included.

Third Meeting: Last Saturday of December, covering the period from July 1 to December 31.

Fourth Meeting: Last Saturday of March, covering the period from January 1<sup>st</sup> to March 31<sup>st</sup>.

Following these procedures and policies, the third IQAC meeting of this year is scheduled for December 27, 2023. This serves as an advance notice to IQAC members for their information and planning.

The meeting ended with vote of thanks by the coordinator IQAC



**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY****(AUTONOMOUS)****Gudur, Nellore Dist, A.P (India)****Members Present**

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21	Mr. V.Yushawak Choudhari	Student member-2, EEE	Student Member, IQAC
22	Mr D Ashok Reddy	Student member-3, ECE	Student Member, IQAC


### Action Taken Report for IQAC Meeting Held on 29.06.2023

	Actionable Point	Responsibility	Time	Follow up on 26.10.2024
	To conduct Student exit survey and satisfactory survey	IAAC	.2023	
	To verify the course files for AY 2023-24	IAAC	.2023	
	Student & faculty exchange programs with peer institutes	HoDs	.2023	Progress
	Online feedback of B.Tech students	HoDs	.2023	

Note: The next meeting will be held tentatively in the last week of December 2023.

Copy to:

- a. Principal
- b. Assoc. Dean – Academics
- c. Assoc. Dean – Student Affairs
- d. All HoDs with a request to inform the concerned members of the faculty

  
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**(AUTONOMOUS)**  
**GUDUR, TIRUPATI DT. (A.P.)**







## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

Circular

Circular No. ASCET (A)/ IQAC Meeting/2023-24 (3)

22.12.2024

This is to inform all the internal members of IQAC committee that there will be meeting on 30.12.23 Saturday at 300.pm with the following agenda. All the internal members are requested to attend the meeting

Venue: Board Room

### Agenda

1. Review of the minutes of the last meeting held on October, 2023
2. Action taken report
3. AQAR 22-23
4. Action plan for implementation of NEP-2020
5. Audit of departmental files
6. Learning management system
7. Research and Development
8. Any other point

Co-ordinator IQAC

Copy to :

1. Founder Chairman, Chairperson and vice chairperson for kind information
2. Deans, HODs and administrative officer (AO)
3. All concerned faculty
4. File



*S. V. Lakshmi*  
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GUDUR, TIRUPATI DT. (A.P.)



**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

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3. Action plan for implementation of NEP-2020

The following should be one of the actionable agenda points across all future IQAC meetings:

- a. Moving from content-based education to learner-centric
- b. Implementation of MOOCs/Online/Blended learning
- c. Research & International collaborations
- d. Implementation of industry-driven curriculum
- e. Implementation of IKS to promote interdisciplinary education in Science/Arts/Social sciences/Mass media/Agriculture for protecting the cultural heritage of the country

Each department is requested to come up with a list of the activities taken up already & new initiatives to be taken related to each of the parameters mentioned above.

4. Learning management system

Members advised for the implementation of the Canvas LMS, acknowledging its positive impact on teaching and learning by enhancing accessibility to course materials, enabling interactive learning, and streamlining communication between faculty and students.

5. Any other point

Faculty are advised to prepare ATAL FDP proposals

the Next IQAC meeting of this year is scheduled for March, 2024. This serves as an advance notice to IQAC members for their information and planning.

The meeting ended with vote of thanks by the coordinator IQAC

**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY****(AUTONOMOUS)****Gudur, Nellore Dist. A.P (India)****Members Present**

S.No	Name	Designation	IQAC Positio
1.	Dr. G.V.Narayana	Principal	Chairperson, IQAC
2	Ms V. Anusha	Vice Chair Person	Member, Management IQAC
3.	Dr. M Rajalah	Dean Academics	Member, IQAC
4.	Dr. P. Michael joseph stalin	Dean Research & Quality Assurance	Member, IQAC
5.	Dr T.Venu Madhav	Dean Industry Institute Interface	Member, IQAC
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7.	Dr. D.V.VaraPrasad	Head, CSE	Member, IQAC
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## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Gudur, Nellore Dist. A.P. (India)

### Action Taken Report for IQAC Meeting Held on 30.10.2023

Actionable Point	Responsibility	Timeline	Status on 30.12.2023
Research and development activities	IQAC	1.08.2024	Done

ie: The next meeting will be held tentatively in the 4<sup>th</sup> week of March 2024.

Copy to:

1. Founder Chairman, Chairperson and vice chairperson for kind information
2. Deans, HODs and administrative officer (AO)
3. All concerned faculty
4. File



  
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GUDUR, TIRUPATI DT. (A.P.)





## AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

Circular

Circular No. ASCET (A)/ IQAC Meeting/2023-24 (4)

18.03.2024

This is to inform all the internal members of IQAC committee that there will be meeting on 23.03.24 Saturday at 300.pm with the following agenda. All the internal members are requested to attend the meeting

Venue: Board Room

### Agenda

1. Review of the minutes of the last meeting held on Dec, 2023
2. Action taken report
3. Action plan for implementation of NEP-2020
4. Student exit survey
5. Audit of departmental files
6. Learning management system
7. Research and Development
8. Any other point

Co-ordinator IQAC

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*P. V. Narayana Murthy*  
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ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)  
GUDUR, NELLORE DIST, A.P.



**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

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Each department is requested to come up with a list of the activities taken up already & new initiatives to be taken related to each of the parameters mentioned above.

4. Student exit survey and satisfactory survey

Advised to take the student satisfaction survey and student exit survey pertaining to the A-Y 2023-24.

5. Learning management system

Members advised for the implementation of the Canvas LMS, acknowledging its positive impact on teaching and learning by enhancing accessibility to course materials, enabling interactive learning, and streamlining communication between faculty and students.

6. Academic Calendar:

Members discussed the importance of maintaining strict adherence to the academic calendar to ensure consistency in academic activities, timely completion of courses, and alignment with institutional schedules. Following the academic calendar is critical to supporting organized course delivery and effective planning of departmental and institutional activities.

7. Any other point

Faculty are advised to prepare ATAL FDP proposals

the Next IQAC meeting of this year is scheduled for June 29, 2024. This serves as an advance notice to IQAC members for their information and planning.

The meeting ended with vote of thanks by the coordinator IQAC



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21	Mr. V.Yushawak Choudhari	Student member-2, EEE	Student Member, IQAC
22	Mr D Ashok Reddy	Student member-3, ECE	Student Member, IQAC



30.12.2023 ווען ענדערט פארשטאנדן געווארן ווען ענדערט פארשטאנדן ווען ענדערט פארשטאנדן

Reference IQAC Meeting:	ASCET / IQAC/ 2023 - 2024: 03	ATR Reviewed in:	ASCET / IQAC/ 2023- 2024: 04	
	Learning management system	HoDs	31.03.2024	#ss

g. The next meeting will be held tentatively in the 4<sup>th</sup> week of June 2024.

Copy to:

1. Founder Chairman, Chairperson and vice chairperson for kind information
2. Deans, HODs and administrative officer (AO)
3. All concerned faculty
4. File

PRINCIPAL  
AUDISANKARA COLLEGE OF  
ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)  
GUDUR, TIRUPATI DT. (A.P.)





**6.3.3 Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year**

Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
Effective Teaching Pedagogies		45	15/06/23
	Empowering Non-Teaching Staff for Excellence in Administration	20	15.0723
Research Methodology and Paper Writing		60	22/07/23
Personal Finance During Crisis		30	09-09-23 to 13-09-23
Recent treands in water resourse engineering		43	12-09-23 to 17-09-23
	Professional Skills for Administrative Support Staff	25	22/09/23
Big data Analytics Turning data into decisions, insights into impact		50	24-10-23 to 28-10-23
Machine leraning		51	20-22-23 to 25-11-23
Recent treands in signal image processing		50	18-12-23 to 23-12-23
	Effective Office Management and Professional Development	25	04/03/24
AI Enhanced IoT embedded systems: From edge devices to cloud		61	13-05-24 to 18-05-24

  
 Principal  
 PRINCIPAL  
 AUDISANKARA COLLEGE OF  
 ENGINEERING & TECHNOLOG  
 (AUTONOMOUS)  
 GUDUR, TIRUPATI DT. (A.P.)

# AUDISANKARA

COLLEGE OF ENGINEERING & TECHNOLOGY

As Affiliated to Anna University, Chennai & Accredited by ISO 9001:2015



Gudur

17.08.2023

To  
The Director,  
ASCET,  
Gudur.

**Sub:** Requesting for permission to organize a FDP - Reg.

Sir,

Department of Civil Engineering is planning to organize a FDP on **"RECENT TRENDS IN WATER RESOURCE ENGINEERING"** for all the supporting staff in the department. In this regard, I request you to grant us permission to organize the same. The FDP will be carried out by  
Dr. P. Subba Rao, IIT Madras, Chennai - 600036

Thank you

With Regards

HOD

Dept of CE





Dr.P. Subba Rao

Date: 25-09-2023

Professor Dept of CE

Indian Institute of Technology Madras (IIT Madras)

IIT Madras, Chennai – 600036

**Subject:** Request for FDP Session on “RECENT TRENDS IN WATER RESOURCE ENGINEERING”

Dear Sir,

I am writing to formally invite you to be a resource person for a Faculty Development Programme (FDP) session at Audisankara college of Engineering & Technology. Our institution is committed to providing ongoing professional development opportunities for our faculty members, and we believe your expertise would be a valuable addition to our programme.

The proposed FDP session is titled **RECENT TRENDS IN WATER RESOURCE ENGINEERING** and will focus on **Water Management, Hydro informatics and Technology, Watershed Management and Ecohydrology etc.**, We expect approximately 50 participants, comprising faculty members from various Institutions.

The details of the FDP session are as follows:

Date: 12-09-2023

Duration: One Week

Venue: Vivekananda Seminar Hall

We would be honored if you could share your knowledge and experiences with our faculty members. Your session will be instrumental in enhancing their understanding and skills.

Please let us know your availability and acceptance of this invitation. We will provide you with all necessary logistical support, including travel and accommodation arrangements, if required.

Thank you for considering our invitation. We look forward to hearing back from you soon.

Sincerely,

Prof. G. Prasad Kumar

HOD, Dept of CE

AS, G. Road, Ennapati-524001

Department of CE  
audisankara.ac.in

9248748971

9248748971



**AUDISANKARA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**

AUDISANKARA

An Affiliated Institute for AICTE & DIT/JA Awardees & Approved by UGC

**DEPARTMENT OF CIVIL ENGINEERING**

**CIRCULAR**

**Date: 03-09-2023**

The Supporting staffs are hereby informed that the Department of Civil Engineering is organizing a Skill up gradation program titled FDP on **"RECENT TRENDS IN WATER RESOURCE ENGINEERING"**. Will be conducted From 12-09-2023 To 17-09-2023 With a view to promote Professional Development program of the supporting staff. Hence the supporting staffs instructed attend the program without fail

This is for your kind information and attention

HOD  
Dept. of CE  
Audisankara College of Engineering & Technology  
Head  
Department  
of CE  
GUDUR



## ABOUT THE INSTITUTE

Audisankara Group of Institutions, led by Dr. Vanki Penchalaiah, is dedicated to providing quality education to individuals regardless of race, creed, or gender. The group consists of Sri Prasuna College of Law, established in 1998, and Audisankara College of Engineering & Technology (ASCET), established in 2001. ASCET, a prestigious institution known for its academic excellence, was established in the year 2001 to promote quality technical education in rural areas. With state-of-the-art facilities and a conducive learning environment, ASCET has grown from an initial intake of 180 students to now accommodating over 10,000 students over the course of two decades. The college emphasizes holistic learning and offers well-equipped laboratories to foster a sustainable future.

We are thrilled to announce the expansion of our Atal Community Innovation Center (ACIC). This hub promotes innovation, entrepreneurship, and industry collaboration, providing budding talents with a nurturing space to ideate and develop impactful solutions. Empowering the entrepreneurial spirit within our students, this initiative drives positive change in society and beyond.

## ABOUT THE DEPARTMENT

The Civil Engineering Department was established in 2009, and is fully established in terms of faculty members and state-of-art laboratory facilities. The Department has highly qualified faculty members with good experience in their respective areas of specializations. The Department aims (i) To provide innovative approaches in teaching-learning process so as to bridge the gap between theory and practice and make the students suitable for meeting National and International requirements.

(ii) To establish interaction between industry and institution for improvement in teaching, research and consultancy aspects for continuous development of students and faculty. (iii) To guide the students for developing ethical and social values besides technical and professional skills leading to their all-round development.

## ABOUT THE PROGRAMME

Water is the lifeline of our planet, and its management is crucial for sustainable development. The increasing demands of population growth, urbanization, and climate change have put immense pressure on our water resources. To address these challenges, it is essential to adopt advanced technologies and techniques in water resources engineering.

The Faculty Development Program (FDP) on Advanced Water Resources Engineering aims to equip faculty members and researchers with the latest knowledge and skills in this field. The program will cover emerging trends and technologies in water resources engineering, including advanced hydrologic and hydraulic modeling, water quality management, climate change impacts, and water-energy-food nexus.

## TOPICS TO BE COVERED

The FDP encompasses following themes

- Fundamentals of Advanced Water Resources Engineering
- Advanced Hydrologic and Hydraulic Modeling
- Water Quality Management and Climate Change
- Case studies and Research Opportunities

## RESOURCE PERSONS

Dr. Subbarao Pichuka, is an Assistant Professor in the Civil Engineering Department at IIT Madras. His research expertise includes Hydroclimatology, Climate Change, Hydrological Extremes, Integrated Watershed Management, and Urban Hydrology.

## ELIGIBILITY & REGISTRATION DETAILS

The FDP is open and free to the Engineering faculty members belonging to the Civil Engineering Department of recognized institutions. The number of seats is limited to 50 and selection is based on first come first serve basis.

## REGISTRATION FORM

### Faculty Development Program

On

### “Recent trends in Water Resource Engineering”

(12<sup>TH</sup> Sept – 17<sup>th</sup> Sept 2023)



1. Name: \_\_\_\_\_
2. Institution: \_\_\_\_\_
3. Whether the Institution has AICTE recognition : Yes/No
4. Designation: \_\_\_\_\_
5. Qualification: \_\_\_\_\_
6. Specialization: \_\_\_\_\_
7. Experience: Teaching: \_\_\_\_ Y; others: \_\_\_\_ Y
8. Areas of interest: \_\_\_\_\_
9. Address for Correspondence: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. Phone no: \_\_\_\_\_
11. E-Mail: \_\_\_\_\_
12. Accommodation Required: Yes/No

### Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and host Institute.

Place:  
Date:

Signature of Applicant

Last date of Registration :08.09.2023  
Intimation of selection via E-mail :10.09.2023

Mail your registration forms to

**Proof. G.Pranay Kumar**  
Course Coordinator,  
FDP on “Advanced Water  
Resourcess Engineering”  
Department of Civil Engineering,  
Audisankara College Of Engineering  
And Technology, Gudur-524101(A.P)  
Mobile: +91-9248742423,+91-9248742418  
E-mail:hod.ce@audisnkara.ac.in

Note:

1. Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinator on or before 08.09.2023. The soft copy of application (scanned copy) can also be sent.
2. Accommodation will be provided for limited number of participants in the institute hostels on request.

**CONTACT US**

Mr. D. Sumanth - +91- 9642600734  
Mr. J.Surya Narayana - +91-9492518315

**FOUNDER CHAIRMAN**

**Dr. V.Penchalaiah**

**CHIEF PATRON**

**Mrs.V.Anusha**

Management Secretary

**PATRON**

**Dr.A.Mohan**

Director

**Dr. K.Dhanumjaya**

Principal

**CONVENOR**

**Proof.G.Pranay Kumar**

Head, Department of CE

**CO-ORDINATOR**

**Mr. S.Sudheer Kumar**

Assistant Professor, CED

**ORGANIZING COMMITTEE**

**Mr. G.Sudheer, Assoc. Prof., CED**

**Mrs. P. Sruthi, Asst.Prof., CED**

**Mr.G.Manoj,Asst.Prof.,CED**

**One week**  
**Faculty Development Program**  
**On**

**“Recent trends in Water Resource  
Engineering”**

**(12<sup>TH</sup> Sept – 17<sup>th</sup> Sept 2023)**



**CONVENOR**

**Proof.G.Pranay Kumar**

**CO-ORDINATOR**


**MrS.Sudheer Kumar**

Organized by  
Department of Civil Engineering,  
Audisankara College Of Engineering  
And Technology(Autonomous),  
Gudur-524101(A.P) Mobile: +91-  
9248742423,+91-9248742418  
E-mail:hod.ce@audisnkara.ac.in



**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

*A One week faculty development program on*  
**“Recent trends in Water Resource Engineering”**

<p><b><u>FOUNDER CHAIRMAN</u></b></p> <p><b>Dr. V.Penchalaiah</b></p> <p><b><u>CHIEF PATRON</u></b></p> <p><b>Mrs.V.Anusha</b> <i>Management Secretary</i></p> <p><b><u>PATRON</u></b></p> <p><b>Dr.A.Mohan</b> <i>Director</i></p> <p><b>Dr. K.Dhanumjaya</b> <i>Principal</i></p> <p><b><u>CONVENOR</u></b></p> <p><b>Proof.G.Pranay Kumar</b> <i>Head, Department of CE</i></p> <p><b><u>CO-ORDINATOR</u></b></p> <p><b>Mr. S.Sudheer Kumar</b> <i>Assistant Professor, CED</i></p> <p><b><u>ORGANIZING COMMITTEE</u></b></p> <p><b>Mr.G.Sudheer, Assoc. Prof., CED</b></p> <p><b>Mrs. P. Sruthi, Asst.Prof., CED</b></p> <p><b>Mr.G.Manoj, Asst.Prof., CED</b></p>	<p><b><i>INVITATION</i></b></p> <p><b>Date : 01-09-2023</b></p> <p>TO The Director/ Principal</p> <p>Dear Sir/ Madam,</p> <p><i>It gives us immense pleasure to inform you that, Civil Engineering Department of our college is organizing one week Faculty Development Program on <b>Advanced Water Resources Engineering</b> from 12<sup>TH</sup> Sept – 17<sup>th</sup> Sept 2023. The program will be conducted in Dr. Subbarao Pichuka, is an Assistant Professor in the Civil Engineering Department at IIT Madras. His research expertise includes Hydroclimatology, Climate Change, Hydrological Extremes, Integrated Watershed Management, and Urban Hydrology.</i></p> <p><i>Water is the lifeline of our planet, and its management is crucial for sustainable development. The increasing demands of population growth, urbanization, and climate change have put immense pressure on our water resources. To address these challenges, it is essential to adopt advanced technologies and techniques in water resources engineering.</i></p> <p><i>The Faculty Development Program (FDP) on Advanced Water Resources Engineering aims to equip faculty members and researchers with the latest knowledge and skills in this field. The program will cover emerging trends and technologies in water resources engineering, including advanced hydrologic and hydraulic modeling, water quality management, climate change impacts, and water-energy-food nexus.</i></p> <p>We look forward for your cooperation and active participation of your faculty members.</p> <p>For further details, contact :</p> <p><b>Proof.G.Pranay Kuma</b> : +91-9248748423, Head, Department of CE</p> <p><b>Mr. S.Sudheer Kumar</b>, : +91- 9581248865 Asst. Prof., Department of CE</p> <p> Principal</p> <p>PRINCIPAL AUDISANKARA COLLEGE OF ENGINEERING &amp; TECHNOLOGY (AUTONOMOUS) GUDUR, TIRUPATI DT. (A.P.)</p>
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### DEPARTMENT OF CIVIL ENGINEERING

### FDP ON RECENT TRENDS IN WATER RESOURCE ENGINEERING

12-SEP-2023

#### Program Schedule

Date: 12-09-2023

Duration: One Week

Venue: Vivekananda Seminar Hall

Day 1: Inauguration and Keynote on Recent Trends in Water Resource Engineering

Day 2: Advanced Water Resource Engineering

Day 3: Advanced Modeling Techniques

Day 4: Environmental Challenges in Water Systems

Day 5: Research Opportunities in Civil Engineering

Day 6: Feedback Session and Valedictory





S.NO	NAME OF THE FACULTY	DESIGNATION	INSTITUTION NAME	MAIL ID
1	Dr. Ch. Madhuramma	Professor	ASCET	madhuramma@audisankara.ac.in
2	Dr. Adakkalakumar P	Professor	ASCET	addikkalkumar@audisankara.ac.in
3	Mr. G. Pranay Kumar	Associate professor	ASCET	pranaykumar@audisankara.ac.in
4	Mr. G. Sudheer	Associate professor	ASCET	sudheer@audisankara.ac.in
5	Mr S.Sudheer Kumar	Associate professor	ASCET	sudheerkumar@audisankara.ac.in
6	Mr. E. Sai Krishna	Assistant Professor	ASCET	saiskrishna@audisankara.ac.in
7	Mr. K. Santhosh Kumar	Assistant Professor	ASCET	santhoshkumar@audisankara.ac.in
8	Ms. S. R. Gowthami	Assistant Professor	ASCET	gowthami@audisankara.ac.in
9	Mrs. T. Neelanka	Assistant Professor	ASCET	addikkalkumar@audisankara.ac.in
10	Mr P. Solomonraj	Assistant Professor	ASCET	solomanraj@audisankara.ac.in
11	Mr R. Purushottam	Assistant Professor	ASCET	purushottam@audisankara.ac.in
12	Mr Settipalli Venkateswarlu	Assistant Professor	ASCET	venkateswarlu@audisankara.ac.in
13	Mr Nellore Rajasekhar Reddy	Assistant Professor	ASCET	rajasekharreddy@audisankara.ac.in
14	Mr G Manoj Kumar	Assistant Professor	ASCET	manojkumar@audisankara.ac.in
15	Mr K Gowtham Kumar	Assistant Professor	ASCET	gowthamkumar@audisankara.ac.in
16	Mr. R. Thanuj Teja	Assistant Professor	ASCET	addikkalkumar@audisankara.ac.in
17	Mrs. P. Sruthi	Assistant Professor	ASCET	sruthi@audisankara.ac.in
18	Mr. V Chandra Sekhar Reddy	Assistant Professor	ASCET	addikkalkumar@audisankara.ac.in
19	Mr. Md. Thayef Nihal	Assistant Professor	ASCET	thayefnihal@audisankara.ac.in
20	Mrs.G. Vimal	Assistant Professor	GCET	vimal@gcet.ac.in
21	Mrs. P. Supriya	Assistant Professor	GCET	supriya@gcet.ac.in
22	Mrs. V. Navaneetha	Assistant Professor	GCET	navaneetha@gcet.ac.in
23	Mr. G. Raju	Assistant Professor	GCET	raju@gcet.ac.in
24	Mr. V. Gowtham	Assistant Professor	GCET	gowtham786@gmail.com
25	Mr. Sk. Abdul Rafi	Assistant Professor	GCET	abdul@gmail.com
26	Mr. G. Sampath Kumar	Assistant Professor	GCET	sampath@gmail.com
27	Mr. Sd. Musthaq Aamad	Assistant Professor	NECN	musthaq@nec.org
28	Mr. D. Sumanth	Assistant Professor	NECG	sumanth12@gmail.com
29	Mr. J. Surya Narayan	Assistant Professor	NECG	surya@gmail.com
30	Mrs. Ch. Lakshmi Prasanna	Assistant Professor	NECG	luckylaksmi@gmail.com
31	Dr. U. Chandra Bhaskar Reddy	Professor	NBKRI	bhaskar.cbs@gmail.com
32	Dr. V. Venkata Rambabu	Associate professor	NBKRI	rambabu_venkata@gmail.com
33	Ms. S. Teja Reddy	Assistant Professor	NBKRI	str4270@nbkrist.org
34	Mrs. Y. Adi Lakshmi	Assistant Professor	NBKRI	ylakshmi987@gmail.com
35	Mr. B. Uma Prasad	Assistant Professor	NBKRI	uma2249@nbkrist.org
36	Mr. T. Sath Chandra	Assistant Professor	NBKRI	sarath.n135@gmail.com
37	Mrs. V. Gayani Priya	Assistant Professor	NBKRI	gayanipriya.civil@gmail.com
38	Dr. M. Chittaranjan	professor	SVCET	chittaranjan@gmail.com
39	Mrs. G. Gnana Prasanna	Assistant Professor	SVCET	gnanaprasanna@gmail.com
40	Mr. K. Muniswamy	Assistant Professor	SVCET	muniswamy@gmail.com
41	Mr. T. Pakkappa	Assistant Professor	SVCET	pakkappa257@gmail.com
42	C. Siva Kumar Prasad	Assistant Professor	SDTN	sivakumar@gmail.com
43	S. Harikrishna	Assistant Professor	SDTN	hari@gmail.com



is a martingale with respect to  $\mathcal{F}_t$  and  $\mathcal{F}_t^B$ . It has then with  $\mathbb{R}$ -valued  $\lambda(t)$  the SDE



Signature sheet

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## COLLEGE OF ENGINEERING &amp; TECHNOLOGY



AUDISANKAR

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## COLLEGE OF ENGINEERING &amp; TECHNOLOGY

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# AUDISANKARA

## COLLEGE OF ENGINEERING & TECHNOLOGY

Audisankara Institute of Engineering & Technology, Audisankara, Bangalore - 560 075



42	C Siva Kumar Prasad	Assistant Professor	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
43	S Harikrishna	Assistant Professor	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>





## Faculty Development Program Report

Theme: ["Recent Trends in Water Resource Engineering"]

Duration: One Week [12.09.2023 to 17.09.2023]

Organized by: [Audisankara College of Engineering & Technology, Gudur]

Venue: [Vivekananda Seminar]

### 1. Introduction

The Faculty Development Program on "Advanced Water Resource Engineering" was organized to enhance the teaching and research skills of faculty members in this critical area. The six-day program featured a blend of expert lectures, hands-on sessions, and group discussions to address the challenges and advancements in water resource management.

### 2. Objectives

- To update participants on the latest trends in **Water Resource Engineering**
- To enhance knowledge in advanced tools.
- To foster collaboration among academia and industry.

### 3. Schedule Overview

Day	Session Topic	Resource Person	Organization	Session Type
Day 1	Inauguration and Keynote on <b>Advanced Water Resource Engineering</b>	Prof. G. Pranay Kumar & Dr. P. Subba Rao	Audisankara College of Engineering & Technology & IIT Madras	Interactive Session & Lecture
Day 2	<b>Advanced Water Resource Engineering</b>	Dr. P. Subba Rao	IIT Madras	Lecture
Day 3	Advanced Modeling Techniques	Dr. P. Subba Rao	IIT Madras	Lecture
Day 4	Environmental Challenges in Water Systems	Dr. P. Subba Rao	IIT Madras	Lecture





Day	Session Topic	Resource Person	Organization	Session Type
Day 5	Research Opportunities in Civil Engineering	Dr. P. Subba Rao	IIT Madras	Lecture, Interactive Session
Day 6	Feedback Session and Valedictory	Participants and Organizers	Various Engineering Colleges	Closing Ceremony

#### 4. Participation

- Total Participants: [45 faculty members]

#### 5. Key Highlights

- Hands-on sessions using tools like [e.g., SWAT, GIS applications].
- Practical demonstrations.
- Engaging discussions on research trends and challenges.

#### 6. Feedback and Suggestions

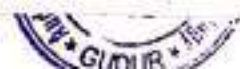
Participants praised the detailed sessions and requested more time for hands-on practice. Suggestions included incorporating new software in future FDPs.

#### 7. Conclusion

The FDP successfully achieved its objectives by equipping faculty members with advanced skills. The enthusiastic participation and positive feedback reaffirm the program's value.

#### 8. Attachments

- Program Schedule
- List of Participants
- Photos of Sessions









# Audisankara College of Engineering & Technology Autonomous NH-5, Bypass Road, Tirupati (Dt), AP.



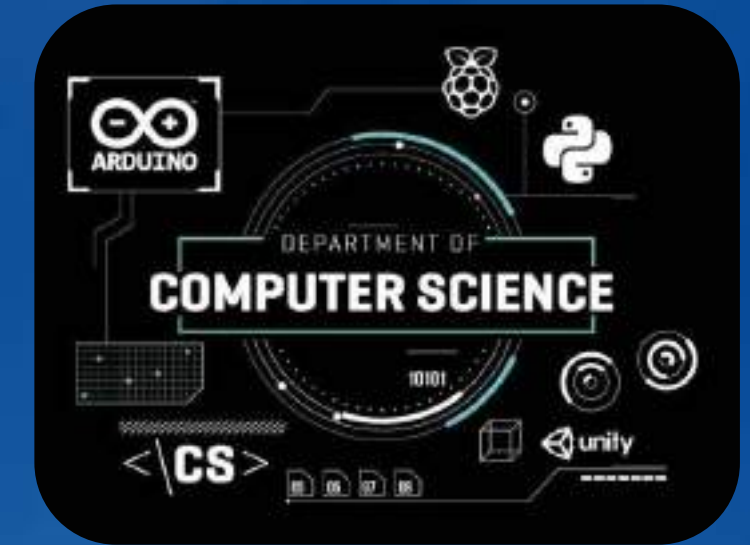
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FACULTY DEVELOPMENT PROGRAMME

5 Day Faculty Development Program

ON

**BIG DATA ANALYTICS**

"Turning Data into Decisions, Insights into Impact."



- Introduction to Big Data and Ecosystem
- Data Ingestion and Processing
- Data Storage and Management
- Data Analytics and Visualization
- Advanced Concepts and Optimization
- Project Development and Wrap-Up

**AIRBACLABS**

**DATE: 24-10-2023 TO 28-10-2023**

**SPEAKERS**

- **Prof. A. Suresh Babu**, Prof. in CSE Dept& DOAA,JNTUA, Ananthapuramu
- **Dr. C. Krishna Mohan**, Prof. in CSE Dept., IITH Hyderabad
- **Dr. R.B.V. Subrahmanyam**, Prof. in CSE Dept., NITW,Warangal.

**Dr. M. Rajaiah**

**HOD, Dept.of CSE**

**Prof. K. Dhanumjaya**

**Principal**

**Dr. A. Mohan**

**Director**



**FDP REPORT**

# **Big Data Analytics**

**24<sup>th</sup> to 28<sup>th</sup> October, 2023, Audisankara College of Engineering & technology**



## **BIG DATA ANALYTICS FDP**

Recent trends in Big Data Analytics 5-Days FDP was conducted from 24<sup>th</sup> to 28<sup>th</sup> October 2023 in which around 50 participants from different parts of the country participated.

The speakers for the 5-day FDP on “ Big Data Analytics” were:

### **Dr. A.Suresh Babu, Professor, CSE Dept & DOAA, JNTUA, Ananthapuramu.**

**Education :**

Ph.D, in CSE from JNTUA, Ananthapuramu.

M.Tech/M.E in CSE from JNTU, Hyderabad.

B.Tech/B.E. Gprec, Kurnool. SK University, Anantapur.

**Experience:**

2017 to till date Professor, JNTUACEA.

2014 to 2017 Associate professor in JNTU College of Engineering, Anantapur.

### **Dr. C.Krishna Mohan, Professor, CSE Dept,IITH,Hyderabad.**

**Education :**

Ph.D. from IIT Madras.

M.Tech. from NITK Surathkal

**Experience:**

2018 to till date Professor, IIT Hyderabad.

2014 to 2018 Associate Professor, IIT Hyderabad.

### **Dr.R.B.V.Subrahmanyam,Professor,CSE Dept,NITW,Warangal.**

**Education :**

Ph.D. from IIT Kharagpur.

M.Tech from IIT Kharagpur

**Experience:**

2018 to till date Professor, NIT Warangal.

# ATAL FDP on Big Data Analytics

The Session details given below:

Day-1	Day-2	Day-3	Day-4	Day-5
09:30 to 11:00 Inauguration	09:30 to 12:00 Data Ingestion and Processing Dr.C,Krishna Mohan	09:30 to 12:00 Data Storage and Management Dr.A.Suresh Babu	09:30 to 12:00 Data Analytics and Visualization Dr.R.B.V.Subrahmanyam	09:30 to 12:00 Advanced Concepts and Optimization Dr.C,Krishna Mohan
11:30 to 01:00 Introduction to Big Data and Ecosystem  Dr.A.Suresh Babu	Data Ingestion and Processing  Dr.C,Krishna Mohan	Data Storage and Management  Dr.A.Suresh Babu	Data Analytics and Visualization  Dr.R.B.V.Subrahmanyam	Advanced Concepts and Optimization  Dr.C,Krishna Mohan
01:00 to 02:00 Lunch	01:00 to 02:00 Lunch	01:00 to 02:00 Lunch	01:00 to 02:00 Lunch	01:00 to 02:00 Lunch
02:00 to 04:00 Introduction to Big Data and Ecosystem Dr.A.Suresh Babu	02:00 to 04:00 Data Ingestion and Processing Dr.C,Krishna Mohan	02:00 to 04:00 Data Storage and Management Dr.A.Suresh Babu	02:00 to 04:00 Data Analytics and Visualization Dr.R.B.V.Subrahmanyam	02:00 to 03:00 Advanced Concepts and Optimization Dr.C,Krishna Mohan
04:00 to 05:00 Practical Sessions/Labs	04:00 to 05:00 Practical Sessions/Labs	04:00 to 05:00 Practical Sessions/Labs	04:00 to 05:00 Practical Sessions/Labs	03:00 to 04:00 Quiz, Feedback Valedictory Session

# ATAL FDP on Big Data Analytics

The inaugural session for the FDP on "Big Data Analytics" was held offline on October 24<sup>th</sup>, 2023, at 09:30 am. Prof.A.Suresh Babu, Professor at JNTUA,Ananthapuramu graced the occasion as the Chief Guest. The Guest of Honor included Dr. A. Mohan, Director of ASGI, and Prof. K. Dhanumjaya, the Principal, along with Prof. M. Rajaiah, Dean Academic & HOD of CSE, Prof. D.V.Vara Prasad, Coordinator and Mr.A.Hemantha Kumar co-coordinator chaired the function. Also, HOD's, Deans and Staff of different academies were also present with the participants. The Chief Guest addressed the participants about offline FDP while Prof. Dhanumjaya emphasized ASCET's pivotal role in organizing the FDP.



# ATAL FDP on Big Data Analytics

## The List of Participants was:

1	Mr K.Ramesh Reddy	Narayana engineering college,gudur.	Rameshreddy14@gmail.com	9948503057
2	Mr.Naveen	Sree Venkateswara College Of Engineering	<a href="mailto:naveerubens@gmail.com">naveerubens@gmail.com</a>	9642717467
3	K Nagendra	NBKR Institute Of Science & Technology,	knreddy1974@nbkrist.org	9441960526
4	Mrs. Keerthi N	Vellore Institute Of Technology, Vellore	keerthinalliboyina@gmail.com	9502079107
5	Mr. Rajasekhar Atla	N.B.K.R.I.S.T	rajasekharssnecs@gmail.com	9618733826
6	Mr. Venkataramanaiah G	NBKR Institutte Of Science & Technilogy	gvramanaiah@gmail.com	9493579092
7	Dr. P. Chandra Kanth	NBKR Institutte of Science & Technilogy	<a href="mailto:chandrakanth123@gmail.com">chandrakanth123@gmail.com</a>	9573705427
8	Mr. A Ramakrishna Prasad	Nbkr Institute Of Science And Technology	ramu81alladi@gmail.com	8500765184
9	Mr. Zonnavada Chaithanya	Geethanjali Institute Of Science And Technology - [GIST-2U]	zonnavadachaithanya@gmail.com	9603393849
10	Mr. G Nagarjuna Reddy	Nbkr Institute Of Science & Technology, Vidyanagar	<a href="mailto:nagarjuna.golamari@nbkrist.org">nagarjuna.golamari@nbkrist.org</a>	9966904890
11	Mr. A. Venkateswarlu	N.B.K.R.Institute of Science & Technology	Venki4789@yahoo.co.in	9440492466
12	Miss Induru Pavani	Andhra Engineering College	pavaniinduru@gmail.com	8096743759
13	Dr. Shilpa Yogesh Sondkar	Vishwakarma Institute Of Technology, Pune	shilpa.sondkar@vit.edu	9850617994
14	Miss Eduru.Mercy	Geethanjali Institute Of Science And Technology	edurumercy@gmail.com	8919565690
15	Mrs. Vidya Cherakulam	Sree Venkateswara College Of Engineering	vidyasiju9@svcn.ac.in	9182962538
16	Mr. Pasupuleti Rajesh	Sree Venkatewara College Of Engineering	rajesh.svcn@gmail.com	9963510060
17	Mrs. Banupriya Rajendran	Geethanjali Institute Of Science & Technology	rajendran@gist.edu.in	7448135573
18	Mrs. Lalam Suneetha	Geethanjali Institute Of Science & Technology	suneetha@gist.edu.in	9502171055
19	Mrs. Neeraja Yadanaparthi	Narayana Engineeering College, Gudur.	neerajay30@gmail.com	9440744656
20	Dr. Chandra Sekar P.	Siddartha Institute Of Science And Technology ,Puttur	<a href="mailto:chandrusuji24@gmail.com">chandrusuji24@gmail.com</a>	9443004901



# ATAL FDP on Big Data Analytics

21	Mr. Dabbara Jayanayudu	Siddhartha Institute Of Science And Technology, Puttur	d.jayanaidu@gmail.com	9866280186
22	Mr. P Mani Mohan	Siddhartha Institute Of Science And Technology	manimohanpydi@gmail.com	9000220230
23	Mr. Krishnam Sandeep Kumar	Siddhartha Institute Of Science And Technology, Puttur, Andhra Pradesh	krishnam.sandeep@gmail.com	9705422293
24	Mr. Chanda Laxmana Sudheer	Siddhartha Institute Of Science And Technology	laxmana018@gmail.com	9985249947
25	Mr. Sibbala Sreelatha	Siddhartha Institute Of Science And Technology	sibbalasreelatha@gmail.com	9052122972
26	Dr. B Saroja	Siddhartha Institute Of Science And Technology	boda.saroja@gmail.com	9603764185
27	Mrs. P Madhavi Chowdary	Siddhartha Institute Of Science And Technology	madhavichowdary66@gmail.com	9676938374
28	Mr. Hesanth Kumar	Siddhartha Institute Of Science And Engineering	iamhesanth@gmail.com	9500779255
29	Mr. P V M Vijaya Bhaskar	Rise Krishna Sai Prakasam Group Of Institutions	pvm.vijayabhaskar@gmail.com	7416817215
30	Mrs. Jhansi J	Siddharth Institute Of Engineering & Technology	Jhansisietk@gmail.com	8919669058
31	Dr. C Gangaiah Yadav	Chaitanya Bharathi Institute Of Technology, Proddatur	ganga.486@gmail.com	9492410108
32	Mr. Kothaoalle Bhaskar	Siddhartha Institute Of Science And Technology	kbhaskar017@gmail.com	9701015896
33	Mr. Thyagarajan Prasad	Siddhartha Institute Of Science And Technology	prasadgmt@gmail.com	8096497112
34	Mrs. Ravala Lavanya	NBKR Institute Of Science & Technology	rlavanya@nbkrist.org	9491536877
35	Mr. Kesani Niranjan Kumar	Nbkrist	kkniranjankumar@gmail.com	8985831887
36	Mrs.K.Nishitha	Audisankara College of Engineering and Technology	Nishithak.cse@audisankara.ac.in	9490248696
37	Mrs.M.R.Swetha	Audisankara College of Engineering and Technology, Gudur	Swetham.cse@audisankara.ac.in	9493237324
38	Mr.V.Sreenatha Sarma	Audisankara Institute of Technology	deanict@audisankra.ac.in	9963500740
39	Mrs A.BHARATHI	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY-GUDUR	Bharathia.cse@audisankara.ac.in	9494506303

## ATAL FDP on Big Data Analytics

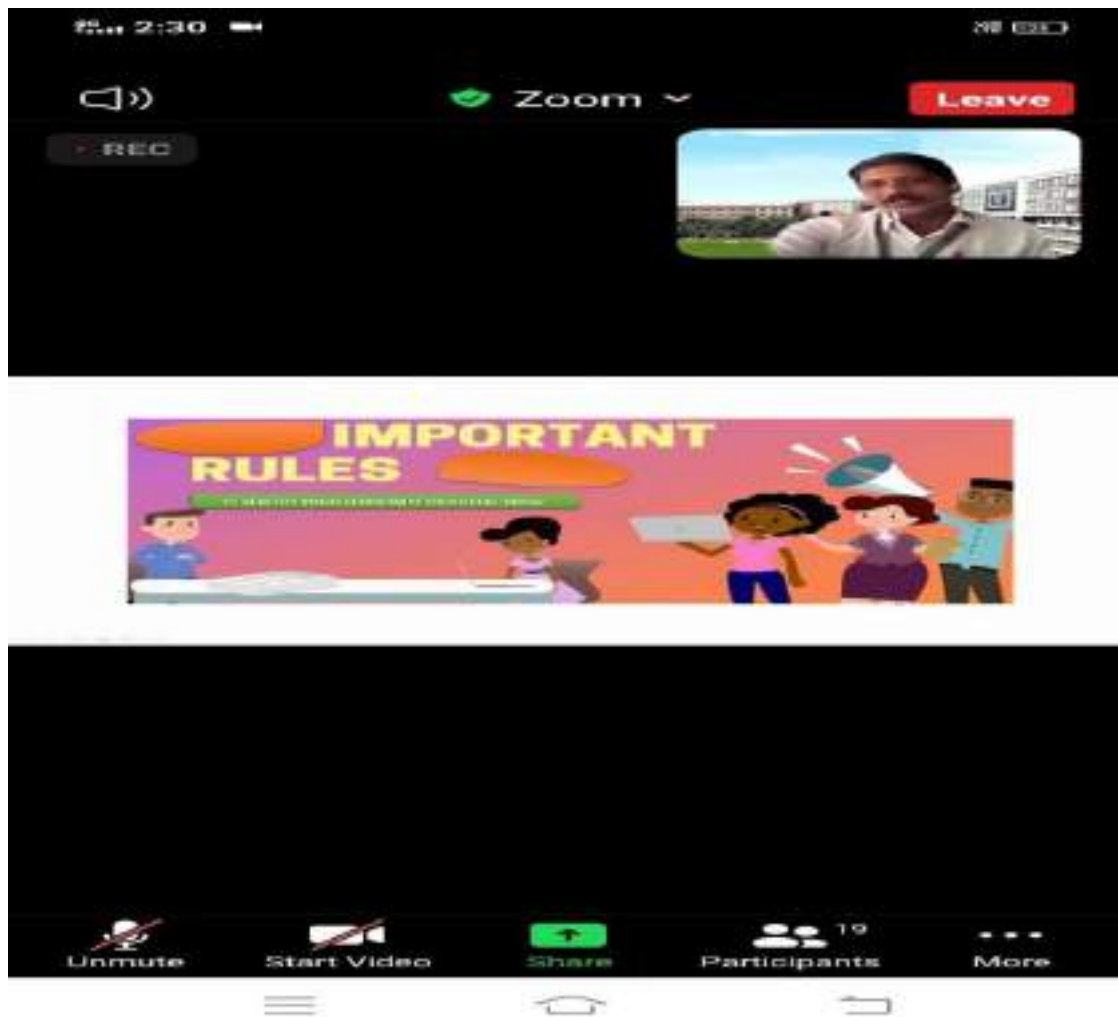
40	Mr G.RAJESH	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY	Rajeshg. cse@audisankara.ac.in	7013374806
41	MrA.HEMANTHA KUMAR	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	Hemanthkumara. cse@audisankara.ac.in	9440527514
42	Mrs M.NARMADHA	Audisankara College of Engineering & Technology(Autonomous), Gudur - Nellore	Narmadham. cse@audisankara.ac.in	9000858615
43	Mrs M.SWATHI	Audisankara college of Engineering and Technology	Swathim. cse@audisankara.ac.in	9849613826
44	Mrs B.UMAMAHESWARI	AUDISANKAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Umamaheswarib. cse@audisankara.ac.in	8639880268
45	Mr B.HARI BABU	Audisankara College of Engineering & Technology	Haribabub.cse@audisankara.ac.in	9440744990
46	Mr D.V.VARA PRASAD	Audisankara College of Engineering & Technology	Varaprasadv.cse@audisankara.ac.in	8019681152
47	Mr K.VENKATA RATHNAM	Audisankara Institute of Technology	Kvr.cse@audisankara.ac.in	9440490089
48	Mrs V.IRINE SHYJA	Audisankara College of Engg& Tech	Irinev.cse@audisankara.ac.in	9943671112
49	Mrs E.SHALIN FENLA	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY	Shaline.cse@audisankara.ac.in	6301555683
50	Mr K.KARTHIK	Audisankara College of Engineering & Technology	Karthikk.cse@audisankara.ac.in	9493919198

I express my gratitude to the Airbaclabs Pvt. Ltd. and extend my heartfelt thanks to ASGI for entrusting me with the opportunity to conduct a cost-free offline Faculty Development Program (FDP) for technical institute faculty members across India. The overwhelming response in registrations and the numerous compliments received for organizing the offline workshop, curating its content, and facilitating hands-on experiences have been immensely encouraging.

**A Five Day Faculty Development Programme on “Personal Finance During Crisis” by  
Department of MBA from 09-09-2023 to 13-09-2023**

1	Name of the Activity/Event	AFiveDayFacultyDevelopmentProgramme on“PersonalFinanceDuringCrisis”	
2	Date of Activity/Event	09-09-2023 to 13-09-2023	
3	Organized by/Name of the committee	Department of Management Studies	
4	Place of Activity/event	Vivekanand hall	
5	Resource person/guest/organization	Dr.Ch.Raja Kamal	
6	Type of activity/Event	Awareness Program on Entrepreneurship Development to the MBA students	
7	Activity/Event objectives	<ol style="list-style-type: none"> <li>1. To provide knowledge over various types of personal finance and its availability and major sources of investments.</li> <li>2. To strengthen the knowledge on various portfolio investments available in the national market.</li> <li>3. To develop the self confidence, personality and character and managing stress.</li> </ol>	
8	Participation	Faculty	Total Participation
		30	30
9	Enclosures	<ol style="list-style-type: none"> <li>1. Event report</li> <li>2. photos</li> <li>3.Attendance sheets of the students</li> </ol>	
10	Signature of In-charge/convener		

The session was started by Mr.G.Murali Krishna, HoD-MBA by introducing all the resource persons. The resource person is well experienced in the respective domine. Dr.CH.Raja Kamal, Assistant Professor, Expert in Skill Development Programs for youth.. The Program introduction has shared by Mr.G.Murali Krishna followed by the session handover to the resource person.



**Dr.Ch.RajaKamal, Assistant Professor from Kristu Jayanthi College(Autonomous)** has taken a session on how to develop our personality and character and how to overcome the barriers in life. It will starts from understanding yourself. Evaluate what traits you see in yourself, and what you want to improve. Identify and focus on the positive personality traits that strengthen your confidence, openness, perseverance, kindness, and humility. On the flip side, it's important to know what traits won't get you the results you want. Ultimately, each person's personality is their own, and there is no one way to have a happier or more attractive personality. The Resource Person has answered well questions posed by the participants in the program. All the participants in the event were very much satisfied a session which has taken by the resource person.





**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

# CERTIFICATE

**Dr. A. Mahaboob Basha**

Narayana Engineering college gudur

has attended the A Five Day National Level Faculty Development Programme on  
**PERSONAL FINANCE DURING CRISIS**  
from 09 September to 13 September 2023 organized by Department of MBA,  
Audisankara College of engineering and technology, Gudur.

CONVENOR

**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

**AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(AUTONOMOUS)  
Gudur, Nellore Dist, A.P (India)

**Department of**  
**MBA**

**Resource Persons**



**Dr. Ch. Raju Kumar**  
Associate Professor & Head of Department

**A Five Day Faculty Development Programme on**  
**Personal Finance**  
**During Crisis**

Join Us @ Zoom  
Zoom ID : 89554601537  
Passcode : 665266

**09 SEP TO 13 SEP 2023**

**Dr. C. R. Venkatesh**  
Associate Professor

**Dr. C. R. Venkatesh**  
Head of the Department

**Dr. A. Rajeev Kumar**  
Coordinator





# **FDP** **ON** **MACHINE LEARNING**

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**20<sup>th</sup> November to 25<sup>th</sup> November 2023**

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**Department of Computer Science and Engineering (AI)**  
**Audisankara College of Engineering & Technology**  
**(Autonomous)**  
**Gudur**



FDP on MACHINE LEARNING



# Audisankara College of Engineering & Technology Autonomous

NH-5, Bypass Road, Tirupati (Dt), AP.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI)

FACULTY DEVELOPMENT PROGRAMME

6 Day Faculty Development Program

on

## MACHINE LEARNING

*"Predicting the Future is not Magic - It's Artificial Intelligence"*

- Introduction to Artificial Intelligence
- Basics of Python programming
- Types of Machine Learning
- Overview on numpy
- Overview on pandas
- Overview on Scikit learn & Matplotlib
- Realtime projects on ML

**Airbaclabs**

### Speakers:

Dr. A .P. Siva Kumar, Prof. in CSE Dept., JNTUA

Dr. K. G. Srinivas, Prof. in CSE Dept., IIT Raipur

Dr. Kapil Sharma, Prof. in CSE Dept., Delhi Tech

**Date : 20-11-2023 to 25-11-2023**



Dr. M. Rajaiah  
Hod. Dept. of CSE

Prof. K. Dhanunjaya  
Principal




Dr. A Mohan Babu  
Director

Vijay pavan Puli  
CEO-Airbaclabs Pvt. Ltd.



A 6 Day Faculty Development program is organized by the Department allowing with Airbaclabs from 20<sup>th</sup> to 25<sup>th</sup> November 2023 in which around 51 participants were participated from different parts of the country.

The speakers for the 6 day FDP on “MACHINE LEARNING” were:

Dr. A. P. Siva Kumar, Prof. in CSE Dept. & CoE, JNTUA	
	<p><b>Education:</b> Ph.D. JNTUA, Anantapur, 2011 M.Tech., JNTUA College of Engineering, Anantapur, JNTU, Hyderabad</p> <p><b>Experience:</b> 2021 – Till date: Associate Professor, JNTUA, Anantapur, India. 2011 – 2021 : Assistant Professor, JNTUA, Anantapur, India. 2006 – 2011 : Assistant Professor, JNTUA, Pulivendula, India.</p>
Dr. K. G. Srinivas, Prof. in CSE Dept., IIIT Raipur	
	<p><b>Education:</b> Ph.D. Bangalore University, 2007 M.Tech., Bangalore University, 2004</p> <p><b>Experience:</b> 2019 – Till date: Professor of Data Science and Artificial Intelligence Programme at DSPM IIIT-Naya Raipur. 2016 – 19, Associate Professor at CBP Government Engineering College, New Delhi (through UPSC)</p>
Dr. Kapil Sharma, Prof. in CSE Dept., Delhi Tech. University	
	<p><b>Education:</b> Ph.D. Maharshi Dayanand University, 2011 M.Tech., Maharshi Dayanand University, 2008</p> <p><b>Experience:</b> 2012 – Till date: Professor at the Department of Information Technology, Delhi Technological University 2007– 12: ,Associate Professor, Delhi Technological University 2002 – 2007: Assistant Professor Haryana University, Haryana, India</p>

Session details are given below:

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Monday (20-11-2023)	Tuesday (21-11-2023)	Wednesday (21-11-2023)	Thursday (21-11-2023)	Friday (21-11-2023)	Saturday (21-11-2023)
09:00 to 11:00 Inauguration					
11:00 to 01:00 <b>Dr. A. Siva Kumar</b>	10:00 to 01:00 <b>Dr. A. Siva Kumar</b>	10:00 to 01:00 <b>Dr. K. G. Srinivas</b>	10:00 to 01:00 <b>Dr. K. G. Srinivas</b>	10:00 to 01:00 <b>Dr. Kapil Sharma</b>	10:00 to 01:00 <b>Dr. Kapil Sharma</b>
Introduction to Artificial Intelligence	Basics of Python Programming	Introduction to Machine Learning	Overview of numpy	overview on scikit learn and matplotlib	Realtime projects on ML
<b>01:00 to 02:00 Lunch</b>	<b>01:00 to 02:00 Lunch</b>	<b>01:00 to 02:00 Lunch</b>	<b>01:00 to 02:00 Lunch</b>	<b>01:00 to 02:00 Lunch</b>	<b>01:00 to 02:00 Lunch</b>
02:00 to 03:00	02:00 to 03:00	02:00 to 03:00	02:00 to 03:00	02:00 to 03:00	02:00 to 03:00
Introduction to Artificial Intelligence	Basics of Python Programming	Types of Machine Learning	Overview of pandas	overview on scikit learn and matplotlib	Realtime projects on ML
03:00 to 04:00	03:00 to 04:00	03:00 to 04:00	03:00 to 04:00	03:00 to 04:00	03:00 to 0:00
Practical Session/Lab	Practical Session/Lab	Practical Session/Lab	Practical Session/Lab	Practical Session/Lab	Quiz, Feedback, Valedictory Session

The inaugural session for the FDP on "Machine Learning" was held offline on November 20, 2023, at 09:00 am. Dr. A. P. Siva Kumar, Prof. in CSE Dept. & CoE, JNTUA, graced the occasion as the Chief Guest. The Guest of Honor included Dr. A. Mohan, Director of ASGI, and Prof. K. Dhanumjaya, the Principal, along with Prof. M. Rajaiah, HoD and Dean Academic Affairs at ASGI, Coordinator Dr. S. V. Padmavathi Devi co-coordinator Dr. U. Thirupalu chaired the function. Also, HOD's, Deans and Staff of different academies were also present with the participants. The Chief Guest addressed the participants about offline FDP, while Prof. Dhanumjaya emphasized ASCET's pivotal role in organizing the FDP. Prof. M. Rajaiah delved into several AICTE initiatives, shedding light on their significance. Dr. S. V. Padmavathi Devi, as the Coordinator, extended the Vote of Thanks. Here are some snapshots from the inaugural function.



**The List of Participants was:**

<b>Sl. No.</b>	<b>Name</b>	<b>Institute Name</b>	<b>Phone Numbers</b>
1	Mr. K. Vamsi Krishna	Siddharth Institute of Engineering and Technology Puttur	8985314800
2	Mr. K. Nagendra	SREE VENKATESWARA COLLEGE OF ENGINEERING, NORTH RAJUPALEM, SPSR NELLORE	9642717467
3	Mr. P. Nagendra	NBKR Institute of Science & Technology,	9441960526
4	Mrs. Keerthi R	Vellore Institute of Technology, Vellore	9502179107
5	Dr. P. Chandra Kanth	NBKR Institutte of Science & Technilogy	9493579092
6	Mr. MD. Masthan	SREE VENKATESWARA COLLEGE OF ENGINEERING NORTH RAJUPALEM NELLORE	9573705427
7	Mrs. V. Vasavi	Geethanjali Institute of Science and Technology - [GIST-2U]	9603393849
8	Dr. A. RAJASEKHAR REDDY	NBKR INSTITUTE OF SCIENCE & TECHNOLOGY, VIDYANAGAR	9966904890
9	Mr. A. Venkateswarlu	N.B.K.R.Institute of Science & Technology	9440492466
10	Mr. V. Gopi	Geethanjali institute of science and technology	8919545690
11	Mr. V. Ajay Kumar	Sree Venkateswara College of Engineering	9182932538
12	Mr. B RAJENDRAN	GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY	7448535573
13	Mrs. LALAM SUNEETHA	GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY	9502171055
14	Dr.M. Vara Prasad	Narayana Engineeriing College, Gudur.	9440754656
15	Dr. Chandra Sekar P.	Siddartha Institute of Science and Technology ,puttur	9443604901



16	Mr. P MADHU KUMAR CHOWDARY	Siddartha institute of science and technology	9674938374
17	Mr. S. HESANTH KUMAR	SIDDARTHA INSTITUTE OF SCIENCE AND ENGINEERING	9580779255
18	Mr. P V M VIJAYA BHASKAR	RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS	7416817215
19	Dr. Rakesh Kumar M	RISE Krishna Sai Prakasam Group of Institutions	9023454860
20	Mr. THYAGARAJAN PRASAD	SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY	8096497112
21	Mr. G Vijaya kiran	PACEITS	9652789060
22	Mrs. Ravala Lavanya	NBKR Institute of science & technology	9491536877
23	Mr. KESANI NIRANJAN KUMAR	NBKRIST	8985831887
24	Mr. SREENIVASULU P	Audisankara College of Engineering and Technology	9490248696
25	Mr. Sunny Manohar Byravarapu	Audisankara College Of Engineering & Technology	7569292012
26	Mr. R. Ramaiah	Audisankara College of Engineering & Technology	7989745224
27	Dr. N VENKATARAMANAIAH	Audisankara College of Engineering and Technology, Gudur	9493237324
28	Mr. ANUMAREDDY SANDEEP KUMAR REDDY	AUDISANKARA YTECHNIC COLLEGE POL	9154513351
29	Mrs. SK. Karimunni	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	9391038003
30	Mr. Ch. Ramesh	Audisankara College of ENGINEERING & Technology-Gudur.	9494288618
31	Mr. Anil Kumar	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	9440100049

32	Mr. D.V. Varaprasad	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	9550044404
33	Mr. PRASAD RAO MANGALAPURI	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY-GUDUR	9494506303
34	Mr. G. Rajesh	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY	9948205820
35	Mr. T. Naresh	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	8801122961
36	Mr. SANIBOINA SURENDRA BABU	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	9440527514
37	Dr. Thirumalesu Kudithi	Audisankara College of Engineering & Technology(Autonomous), Gudur - Nellore	9000858615
38	Mr. Ratnakaram Rama Mohan	Audisankara college of Engineering and Technology	9849613826
39	Mrs. NAGA PRASANNA BODDAPATI	AUDISANKAR COLLEGE OF ENGINEERING AND TECHNOLOGY	8639880268
40	Mrs. Himabindu Sathyaveti	Audisankara College of Engineering & Technology	9440744990
41	Mr. Amarendra Jadda	Audisankara College of Engineering & Technology	8019681152
42	Dr. S. V. Padmavathi Devi	Audisankara college of Engineering and Technology	9707997594
43	Mr. V Bhaskar Rao	Audisankara College Of Engineering & Technology	8317620209
44	Mrs. S Lakshmi	Audisankara College of Engg& Tech	9490179294
45	Mr. SHAIK RAFI	Audisankara College of Engg& Tech	9000920090
46	Dr. Venkatachalam	Audisankara College of Engg& Tech	9943671112
47	Mr. MURALIP	Audisankara College of Engineering & Technology	9908315593

48	Dr. N.Penchalaiah	AUDISANKARA POLYTECHNIC COLLEGE	8309848987
49	Dr. U THIRUPALU	Audisankara College of Engineering & Technology	6302489310
50	Mrs. Chandanakrishna	Audisankara College Of Engineering and Technology	9398471583
51	Mrs. K. Swapna	Audisankara College Of Engineering and Technology	9606629187

I express my gratitude to the Airbaclabs Pvt. Ltd. and extend my heartfelt thanks to AGIS for entrusting me with the opportunity to conduct a cost-free offline Faculty Development Program (FDP) for technical institute faculty members across India. The overwhelming response in registrations and the numerous compliments received for organizing the offline workshop, curating its content, and facilitating hands-on experiences have been immensely encouraging.





**FDP REPORT**

# **Recent Trends in Signal & Image Processing**

**18<sup>th</sup> to 23<sup>rd</sup> December, 2023, Audisankara College of Engineering & technology**



## **RECENT TRENDS IN SIGNAL & IMAGE PROCESSING FDP**

Recent trends in Signal & Image processing 6-Days AICTE Training and Learning Academy(ATAL) sponsored FDP was conducted from 18<sup>th</sup> to 23<sup>th</sup> December 2023 in which around 50 participants from different parts of the country participated.

The speakers for the 6-day FDP on “RECENT TRENDS IN SIGNAL & IMAGE PROCESSING” were:

### **Dr. Rama Krishna Sai Gorthi, Associate Professor, IIT Tirupati**

**Education :**

Ph.D, Indian Institute of Technology, Madras, India

M.Sc (Engg), Indian Institute of Sciences, Bangalore, India

**Experience:**

2017- till date: Associate Professor, IIT, Tirupati, India

2016-2017: Associate Professor, IIST, Trivendrum, India

2011-2016: Assistant Professor, IIST, Trivendrum, India

2009 – 2011: post-doc fellow in Fluminace group at INRIA, Rennes, France.

### **Dr.Varadarajan, Professor, SVUCE, Tirupati**

**Education :**

Ph.D, in ECE from SV University College of Engineering, Tirupati, India

M.Tech, in ECE from NIT Warangal, India

B.Tech, in ECE from SV University College of Engineering, Tirupati, India

**Experience:**

2009 - Present : Professor, Sri Venkateswara University, Chittoor

2007 - 2008 : Sri Venkateswara College of Engineering, Tirupati Principal

2003 - 2007 : Sri Venkateswara University Associate Professor, Chittoor

1992 -2003: Sri Venkateswara University Assistant Professor, Chittoor

1991 -1992 : Assistant Professor National Institute of Technology, Warangal

## Dr. Arun P V, Assistant Professor, IIIT Sricity

**Education :**

PhD in ECE from Indian Institute of Technology, Bombay

**Experience:**

2020- till date: Assistant Professor, IIIT, Sricity

2019-2020: Vatat-Malag Ph.D. sandwich scholarship by the Israeli Council for Higher Education

2015-2020: MHRD Teaching Assistantship Fellowship at IIT, Bombay

## Dr. Chalavadi Vishnu, Assistant Professor, IIT, Tirupathi

**Education :**

**Ph.D.** – in CSE, Indian Institute of Technology, Hyderabad, India.

**M.Tech** – CSE, *Surveillance Video Analytics*, VIGIL Lab, IIT Hyderabad, India

**Experience:**

2023 – till date Assistant Professor, IIT, Tirupati, India.

Post-Doctoral Research - *Adversarial & Federated Analysis in Aerial Imagery & Autonomous Systems*, ACPS Lab, University of Agder, Norway

## Dr. Krishna Naik, Associate Professor & HOD, IITDM, Kurnool

**Education :**

**Ph.D.** in ECE, Jawaharlal Nehru Technological University(JNTUA), Anantapur

**M.Tech**- in ECE- Indian Institute of Information Technology(IIITA), Allahabad

**B.Tech**- from Sri Krishna Devaraya University, Anantapur, India

**Experience:**

-Associate Professor in the Department of ECE of IITDM, Kurnool.

-Assistant Professor in the Department of Electronics Engineering at DIAT, DRDO, Pune

## Dr.P.V. Naganjaneyulu, Professor, MZU

**Education :**

**Ph.D.**-in ECE from Jawaharlal Nehru Technological University Kakinada -A.P-

**M.Tech**- in ECE from Osmania University, A.P

**B.Tech**- in ECE from Nagurjuna University, A.P

**Experience:**

2022 – till date Professor in Department of ECE ,School of Engineering, Mizoram University

2001-2022- worked as Assistant Professor, Associate Professor, Professor & Principal in private Engineering colleges, AP, India.

## Dr. V. Ramesh Kumar, IIIT Sricity, Assistant Professor

**Education :**

**Ph.D.**-in ECE from Indian Institute of Technology Roorkee, India

**M.Tech**- in ECE- from National Institute of Technology Hamirpur, India

**B.Tech**: in ECE from Acharya Nagarjuna University

**Experience:**

2021- till date Assistant Professor at IIIT Sri City, Chittoor, Andhra Pradesh

2016-2021- Assistant Professor at RGM CET, Nandyal

## Dr. Kirankumar Gurralla, Assistant Professor, NIT, Thadepalligudem

**Education :**

**Ph.D.**-in ECE from Indian Institute of Technology Roorkee, India

**M.Tech**- in ECE from National Institute of Technology Rourkela

**Experience:**

2018 to till date Assistant Professor in NIT Andhra Pradesh.

2016-2018-Assistant Professor in Anurag Engineering College, Kodad.

2007-2009-Lecturer in Sasi Engineering College, Tadepalligudem.

## Dr. D. Vishnu Vardhan, Professor, JNTUA, Anantapur

**Education :**

Ph.D, in ECE from R.G.M. College of Engineering & Technology, Nandyal.

M.Tech, in ECE from J.N.T.U. College of Engineering, Kakinada.

B.Tech, in ECE from Jawaharlal Nehru Technological University Anantapur.

**Experience:**

2001-2006: Lecturer in JNTU College of Engineering, Anantapur

2006-2016: Assistant Professor in JNTU College of Engineering, Pulivendula

2016-2017: Assistant Professor in JNTU College of Engineering, Kalikiri

2017-2022 Associate professor in JNTU College of Engineering, Anantapur

2022 – till date professor in JNTU College of Engineering, Anantapur

## Dr. P.Anil Kumar, Design Engineer, Eviden, Bangalore

**Education :**

Ph.D, in ECE from SV University College of Engineering, Tirupati, India

M.Tech, in ECE from NIT Calicut, India

B.Tech, in ECE from PBR VITS, Kavali, India

**Experience:**

2022 – till date Technical Lead in ATOS as RTL Engineer

2012-2015 Assistant Professor in JAGANS Engineering College, Nellore.

2008-2012 as Hardware Engineer in BEL, Bangalore

## Dr P. Janardhan Saikumar, Professor, ASCET, Gudur

**Education:**

Ph.D, in ECE from SV University College of Engineering, Tirupati, India

M.Tech, in ECE from SV University College of Engineering, Tirupati, India

B.Tech, in ECE from SV University College of Engineering, Tirupati, India

**Experience:**

2019 – till date Professor, ASCET, Gudur

2018-2019 Associate Professor, SVCN, Nellore

2009-2015- Senior Assistant Professor, NEC, Gudur

2008-2009 Process Automation Engineer, Lehman Brothers, London.

2004-2008 as Software Engineer, Wipro, Bangalore

## Dr G. Chenchu Krishnaiah, Professor, ASCET, Gudur

**Education:**

Ph.D, in ECE from JNTU Ananthapur, India

ME, in ECE from Sathyabama University, Chennai

B.Tech, in ECE from KSRM, Cuddaph, India

**Experience:**

2014 – till date Professor, ASCET, Gudur

2007-2014- Associate Professor, Gokula Krishna Engineering College, Gudur

2006-2007 Associate Professor, Priyadarshini College of engineering, Sullurpet

2002-2004 Assistant Professor AVS College of Engineering & Technology, Nellore



# ATAL FDP on Recent trends in Signal & Image Processing

The Session details given below:

Day 1 Monday (18-12-2023)	Day 2 Tuesday (19-12-2023)	Day 3 Wednesday (20-12-2023)	Day 4 Thursday (21-12-2023)	Day 5 Friday (22-12-2023)	Day 6 Saturday (23-12-2023)
09:00 to 09:30 Inauguration				09:30 to 02:00 Industrial Visit to SHAR-SDSC Sriharikota	
09:30 to 11:30 <b>Dr. Rama Krishna Sai Gorthi</b> Associate Professor IIT Tirupati	09:30 to 12:00 Deep learning related to Adversarial Signal Processing <b>Dr. Chalavadi Vishnu</b> Assistant Professor IIT, Tirupathi	09:30 to 12:00 AI in Biomedical Applications <b>Dr.P.V. Naganjaneyulu</b> Professor, MZU Mizoram	09:30 to 12:00 Signal Processing for Autonomous vehicles <b>Dr. Kiran kumar Gurrala</b> NIT, Thadepalligudem		09:30 to 12:00 Hyper Spectral Image Processing <b>Dr. Vishnu Vardhan</b> Professor JNTUA Ananthapur
11:30 to 01:00 Research Methodology <b>Dr.Varadarajan</b> Professor SVUCE	12:00 to 01:00 Article Discussion	12:00 to 01:00 Article Discussion	12:00 to 01:00 Article Discussion		12:00 to 01:00 Article Discussion
01:00 to 02:00 Lunch	01:00 to 02:00 Lunch	01:00 to 02:00 Lunch	01:00 to 02:00 Lunch		01:00 to 02:00 Lunch
02:00 to 04:30 Deep learning based hyper spectral image processing and analysis <b>Dr. Arun PV</b> Assistant Professor IIIT Sricity	02:00 to 04:30 IoT Signal Processing <b>Dr. Krishna Naik</b> Associate Professor &HOD IITDM, Kurnool	02:00 to 04:30 Signal Integrity Analysis in On-Chip Interconnects in Time and Frequency Domain <b>Dr.V Ramesh Kumar</b> IIIT Sricity Assistant Professor	02:00 to 04:30 Biomedical Signal Processing <b>Dr. Kiran kumar Gurrala</b> Assistant Professor NIT, Thadepalligudem	02:00 to 04:30 Image processing in Satellite Remote Sensing Applications <b>Dr.P. Janardhan Saikumar</b> Associate Professor ASCET, Gudur	02:00 to 03:00 Implementation of Deep Learning Algorithms for Image Processing Applications <b>Dr.P. Anil Kumar</b> Design Engineer, Eviden, Bangalore
04:30 to 05:30 Practical Sessions/Labs	04:30 to 05:30 Practical Sessions/Labs	04:30 to 05:30 Practical Sessions/Labs	04:30 to 05:30 Practical Sessions/Labs	04:30 to 05:30 Practical Sessions/Labs	03:00 to 05:00 Quiz, Feedback Valedictory Session

# ATAL FDP on Recent trends in Signal & Image Processing

The inaugural session for the FDP on "Recent Trends in Signal & Image Processing" was held offline on December 18, 2023, at 09:30 am. Dr. Ramakrishna Sai Subramanyam Gorthi, Associate Professor at IIT Tirupati, graced the occasion as the Chief Guest. The Guest of Honor included Dr. A. Mohan, Director of ASGI, and Prof. K. Dhanumjaya, the Principal, along with Prof. M. Rajaiah, Dean Academic Affairs at ASGI, Prof. J. Amarendra, HOD, Department of ECE, Dr.P.Janardhan Saikumar, Coordinator and Dr.G. Chenchu Krishnaiah co-coordinator chaired the function. Also, HOD's, Deans and Staff of different academies were also present with the participants. The Chief Guest addressed the participants about offline FDP and various initiatives by ATAL Academy, while Prof. Dhanumjaya emphasized ASCET's pivotal role in organizing the FDP. Prof. M. Rajaiah delved into several AICTE initiatives, shedding light on their significance. Dr. P. Janardhan Sai Kumar, as the Coordinator, extended the Vote of Thanks. Here are some snapshots from the inaugural function.



# ATAL FDP on Recent trends in Signal & Image Processing



**Chief Guest Dr. Ramakrishna Sai Gorthi, an Associate Professor, IIT Tirupati**



**Chief Guest Dr. Ramakrishna Sai Gorthi, an Associate Professor, IIT Tirupati**

## The List of Participants was:

S.No	Name	Organization	Email ID	Phone
1	Mr. K Sravan kumar reddy	Siddharth Institute Of Engineering And Technology Puttur	kuppamsravankumar@gmail.com	8985314800



## ATAL FDP on Recent trends in Signal & Image Processing

2	Mrs. Ch Naveena Kumari	Sree Venkateswara College Of Engineering, North Rajupalem, Spsr Nellore	naveerubens@gmail.com	9642717467
3	Dr. K Nagi Reddy	NBKR Institute Of Science & Technology,	knreddy1974@nbkrist.org	9441960526
4	Mrs. Keerthi N	Vellore Institute Of Technology, Vellore	keerthinalliboyina@gmail.com	9502079107
5	Mr. Rajasekhar Atla	N.B.K.R.I.S.T	rajasekharssnecs@gmail.com	9618733826
6	Mr. Venkataramanaiah G	NBKR Institutte Of Science & Technily	gvramanaiah@gmail.com	9493579092
7	Mrs. Dr Daggumati Rajini	Sree Venkateswara College Of Engineering North Rajupalem Nellore	rajinisvcn@gmail.com	9573705427
8	Mr. A Ramakrishna Prasad	Nbkr Institute Of Science And Technology	ramu81alladi@gmail.com	8500765184
9	Mr. Zonnavada Chaithanya	Geethanjali Institute Of Science And Technology - [GIST-2U]	zonnavadachaithanya@gmail.com	9603393849
10	Mr. G Nagarjuna Reddy	Nbkr Institute Of Science & Technology, Vidyanagar	nagarjuna.golamari@nbkrist.org	9966904890
11	Dr. Shaik Mahaboob Basha	N.B.K.R.Institute Of Science & Technology	mohisin7@yahoo.co.in	9440492466
12	Miss Induru Pavani	Andhra Engineering College	pavaniinduru@gmail.com	8096743759
13	Dr. Shilpa Yogesh Sondkar	Vishwakarma Institute Of Technology, Pune	shilpa.sondkar@vit.edu	9850617994
14	Miss Eduru.Mercy	Geethanjali Institute Of Science And Technology	edurumercy@gmail.com	8919565690
15	Mrs. Vidya Cherakulam	Sree Venkateswara College Of Engineering	vidyasiju9@svc.ac.in	9182962538
16	Mr. Pasupuleti Rajesh	Sree Venkatewara College Of Engineering	rajesh.svcn@gmail.com	9963510060
17	Mrs. Banupriya Rajendran	Geethanjali Institute Of Science & Technology	rajendran@gist.edu.in	7448135573
18	Mrs. Lalam Suneetha	Geethanjali Institute Of Science & Technology	suneetha@gist.edu.in	9502171055
19	Mrs. Neeraja Yadanaparthi	Narayana Engineering College, Gudur.	neerajay30@gmail.com	9440744656
20	Dr. Chandra Sekar P.	Siddhartha Institute Of Science And Technology ,Puttur	chandrusuji24@gmail.com	9443004901



## ATAL FDP on Recent trends in Signal & Image Processing

21	Mr. Dabbara Jayanayudu	Siddhartha Institute Of Science And Technology, Puttur	d.jayanaidu@gmail.com	9866280186
22	Mr. P Mani Mohan	Siddhartha Institute Of Science And Technology	manimohanpydi@gmail.com	9000220230
23	Mr. Krishnam Sandeep Kumar	Siddhartha Institute Of Science And Technology, Puttur, Andhra Pradesh	krishnam.sandeep@gmail.com	9705422293
24	Mr. Chanda Laxmana Sudheer	Siddhartha Institute Of Science And Technology	laxmana018@gmail.com	9985249947
25	Mr. Sibbala Sreelatha	Siddhartha Institute Of Science And Technology	sibbalasreelatha@gmail.com	9052122972
26	Dr. B Saroja	Siddhartha Institute Of Science And Technology	boda.saroja@gmail.com	9603764185
27	Mrs. P Madhavi Chowdary	Siddhartha Institute Of Science And Technology	madhavichowdary66@gmail.com	9676938374
28	Mr. Hesanth Kumar	Siddhartha Institute Of Science And Engineering	iamhesanth@gmail.com	9500779255
29	Mr. P V M Vijaya Bhaskar	Rise Krishna Sai Prakasam Group Of Institutions	pvm.vijayabhaskar@gmail.com	7416817215
30	Mrs. Jhansi J	Siddhartha Institute Of Engineering & Technology	Jhansisietk@gmail.com	8919669058
31	Dr. C Gangaiah Yadav	Chaitanya Bharathi Institute Of Technology, Proddatur	ganga.486@gmail.com	9492410108
32	Mr. Kothaoalle Bhaskar	Siddhartha Institute Of Science And Technology	kbhaskar017@gmail.com	9701015896
33	Mr. Thyagarajan Prasad	Siddhartha Institute Of Science And Technology	prasadgmt@gmail.com	8096497112
34	Mrs. Ravala Lavanya	NBKR Institute Of Science & Technology	rlavanya@nbkrist.org	9491536877
35	Mr. Kesani Niranjan Kumar	Nbkrist	kkniranjankumar@gmail.com	8985831887
36	Mr. SREENIVASULU P	Audisankara College of Engineering and Technology	sreenu306@gmail.com	9490248696
37	Dr. N VENKATARAMANAIAH	Audisankara College of Engineering and Technology, Gudur	nvr.personal@gmail.com	9493237324
38	Dr. SHAIK RAHAMTULA	Audisankara Institute of Technology	shaik.rahamath.440@gmail.com	9963500740
39	Mr. PRASAD RAO MANGALAPURI	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY-GUDUR	prasadrao456@gmail.com	9494506303

## ATAL FDP on Recent trends in Signal & Image Processing

40	Mr. A.Y.VISHNU VARDHAN	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY	ayv430@gmail.com	7013374806
41	Mr. SANIBOINA SURENDRA BABU	AUDISANKARA COLLEGE OF ENGINEERING & TECHNOLOGY	ssbabu8605@gmail.com	9440527514
42	Dr. Thirumalesu Kudithi	Audisankara College of Engineering & Technology(Autonomous), Gudur - Nellore	k.thirumalesh@rediffmail.com	9000858615
43	Mr. Ratnakaram Rama Mohan	Audisankara college of Engineering and Technology	rrmkits@gmail.com	9849613826
44	Mrs. NAGA PRASANNA BODDAPATI	AUDISANKAR COLLEGE OF ENGINEERING AND TECHNOLOGY	prasannavamsi4@gmail.com	8639880268
45	Mrs. Himabindu Sathyaveti	Audisankara College of Engineering & Technology	bindu437@gmail.com	9440744990
46	Mr. Amarendra Jadda	Audisankara College of Engineering & Technology	amarendra.jadda@gmail.com	8019681152
47	Miss Sree Lakshmi	Audisankara Institute of Technology	sree1612@gmail.com	9440490089
48	Dr. venkatachalam	Audisankara College of Engg& Tech	venkatachalamkasipillai@gmail.com	9943671112
49	Miss N Sahithi	AUDISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY	laxmansahithi2001@gmail.com	6301555683
50	Mr. Karumanchi Dhanumjaya	Audisankara College of Engineering & Technology	dhanu.karumanchi@gmail.com	9493919198

# ATAL FDP on Recent trends in Signal & Image Processing

## DAY-1 (FN-Session)

On the inaugural day, December 18, 2023, the ATAL Faculty Development Programme commenced with Dr. Ramakrishna Sai Gorthi from IIT Tirupati as the esteemed Chief Guest. Alongside eminent personalities from Audisankara College of Engineering and Technology, Gudur, Dr. Gorthi, an Associate Professor, shared a comprehensive overview of the evolution of deep learning within Image Processing, starting from the fundamentals of Neural Networks.



**Dr. Ramakrishna Sai Gorthi, an Associate Professor, IIT Tirupati shared a comprehensive overview of the evolution of deep learning within Image Processing**



**During the inaugural day of the program, the dignitaries of ASCET extended their honors to the esteemed guest, Dr. Ramakrishna Sai Gorthi, presenting a shawl and a memento as a token of their appreciation**

# ATAL FDP on Recent trends in Signal & Image Processing

Following this enlightening session, Dr. S Varadarajan, a professor at SV University, Tirupati, took the stage, delving into the various phases integral to research methodologies. He provided invaluable insights into crafting concept papers, abstracts, publication strategies in reputable journals, and navigating the nuances of plagiarism checks. Dr. Varadarajan adeptly addressed queries from both external and internal participants, ensuring a thorough understanding of the subject matter.



**Dr. S Varadarajan, an esteemed professor hailing from SV University, Tirupati, shared insights on Research Methodology**



**A group photograph featuring Dr. S. Varadarajan alongside delegates and participants**



# ATAL FDP on Recent trends in Signal & Image Processing

## DAY-1 (AN-Session)

Continuing the enriching discussions, Dr. Arun P V from IIIT Sricity offered a comprehensive yet concise overview of the fundamental concepts in Digital Image Processing. Moreover, he provided detailed insights into Hyperspectral image processing, allowing participants to grasp the intricacies of these advanced processing techniques.



**Dr. Arun P V from IIIT Sricity, IIIT Sricity: session on Deep learning based hyper spectral image processing**



On the first day during the AN session, both Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah extended their respects to the distinguished guest of the event by presenting a memento along with a shawl as a gesture of honor

# ATAL FDP on Recent trends in Signal & Image Processing

## Day-2 (FN-Session)

Deep learning related to Adversarial Signal Processing topic was covered by a professor Dr Chalavadi Vishnu IIT Tirupati. It underscored the significance of leveraging advanced techniques to enhance the robustness of signal processing systems against adversarial attacks and highlighted avenues for future research and development. The insights shared and discussions held during the workshop are poised to contribute significantly to the advancement and application of adversarial signal processing in various domains.



On the second day during the FN session, both Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah extended their respects to the distinguished guest of the event by presenting a memento along with a shawl as a gesture of honor



A group photograph featuring Dr. Chalavadi Vishnu alongside delegates and participants

# ATAL FDP on Recent trends in Signal & Image Processing

## Day-2 (AN-Session)

Afternoon session, Dr Krishna Naik, an associate professor and Head of the Department from IIITDM,Kurnool delivered a speech on Internet of Things and how to process a signal in between different peripherals in an IoT system. Later a practical session was arranged for the participants to design an IoT based system.



On the second day during the AN session, both Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah extended their respects to the distinguished guest of the event by presenting a memento along with a shawl as a gesture of honor



A group photograph featuring Dr. Krishna Naik alongside delegates and participants



# ATAL FDP on Recent trends in Signal & Image Processing

## Day-3 (FN- Session)

On the third day of the FDP, Dr P V Naganjaneyulu from MZU "Artificial Intelligence in Biomedical Applications" served as an enriching platform for exchanging knowledge, insights, and experiences among experts from diverse backgrounds. It illuminated the transformative potential of AI in revolutionizing biomedical research, diagnostics, and patient care while emphasizing the importance of ethical and collaborative approaches. The discussions and ideas shared during the workshop are anticipated to propel further innovations and collaborations in leveraging AI for the betterment of biomedical sciences and healthcare.



On the third day, during the FN session, ASCET Chairman, Dr V. Panchalaiah, and Director, Dr. A. Mohan, paid their respects to the distinguished guest by presenting a memento and a shawl as a gesture of honor



A group photograph featuring Dr P V Naganjaneyulu alongside delegates and participants



# ATAL FDP on Recent trends in Signal & Image Processing

## Day-3 (AN- Session)

In the afternoon session, Dr Ramesh Kumar from IIIT Sricity lectured on "Signal Integrity Analysis in On-Chip Interconnects in Time and Frequency Domain". This session provided a platform for participants to acquire in-depth knowledge and practical insights into addressing signal integrity challenges in on-chip interconnects. The sessions and discussions facilitated an exchange of ideas and experiences among participants, fostering a deeper understanding of signal integrity analysis methodologies and their applicability in research and industry. The skills and knowledge gained from this FDP are expected to benefit participants in their teaching, research, and professional endeavors related to signal integrity in on-chip interconnects.



On the third day during the AN session, both Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah extended their respects to the distinguished guest of the event by presenting a memento along with a shawl as a gesture of honor



A group photograph featuring Dr. V Ramesh Kumar alongside delegates and participants

# ATAL FDP on Recent trends in Signal & Image Processing

## Day-4 (FN&AN-Sessions)

In the FN session, Dr Kiran Kumar Gurralla from NIT Tadepalligudem delivered on "Signal Processing for Autonomous Vehicles" provided participants with a deeper insight into the significance of signal processing in the context of autonomous driving technology. The sessions and discussions facilitated an exchange of knowledge and ideas, enabling participants to grasp fundamental concepts and challenges related to signal processing in autonomous vehicles. The knowledge gained from this FDP is expected to contribute significantly to the participants' teaching, research, and industry engagements related to signal processing for autonomous vehicles.



**Dr. kiran Kumar Gurralla, NIT Thadepalligudem: Session on Bio-Medical Applications**



**On the fourth day during the AN session, both Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah presenting a memento along with a shawl as a gesture of honor**

## Day-5 (Industrial Visit to SHAR-SDSC, Sriharikota)

The industrial visit to SDSC SHAR, Sriharikota, provided an exceptional learning opportunity for the participants. It offered an immersive experience into the realm of space technology, enriching their knowledge about satellite launches, infrastructure, and the collaborative efforts involved in space exploration



A group photograph taken at the SHAR-SDSC center, capturing the delegates and participants together



# ATAL FDP on Recent trends in Signal & Image Processing

## Day-6 (FN – Session)

Dr. D. Vishnu Vardhan Sir, an esteemed faculty member from JNTU Ananthapur, delivered an in-depth and succinct presentation on the core principles of Digital Image Processing. Additionally, he delved into the intricate realm of Hyperspectral image processing, offering participants a thorough understanding of these advanced techniques



On the 6th day FN, Coordinator Dr. P. Janardhan Saikumar, Dr. G. Chenchu Krishnaiah and ASCET Delegates extended invitations to guests for the event



On the sixth day during the FN session, both Coordinator Dr. P. Janardhan Saikumar and Delegates of ASCET presenting a memento along with a shawl as a gesture of honor



# ATAL FDP on Recent trends in Signal & Image Processing

## Day-6 (AN – Session)

Dr P Anil Kumar design engineer from Eviden Bangalore delivered a talk on "Implementation of Deep Learning Algorithms for Image Processing Applications" successfully. It imparted practical skills and knowledge to the participants.



**On the 6th day AN, Coordinator Dr. P. Janardhan Saikumar and Co-coordinator Dr. G. Chenchu Krishnaiah extended invitations to guests for the event**



**On the sixth day during the AN session, both Coordinator Dr. P. Janardhan Saikumar, Co-coordinator Dr. G. Chenchu Krishnaiah and delegates of ASCET presenting a memento along with a shawl as a gesture of honor**

I express my gratitude to the ATAL Academy and extend my heartfelt thanks to AICTE for entrusting me with the opportunity to conduct a cost-free offline Faculty Development Program (FDP) for technical institute faculty members across India. The overwhelming response in registrations and the numerous compliments received for organizing the offline workshop, curating its content, and facilitating hands-on experiences have been immensely encouraging.



## Report

### Empowering Non-Teaching Staff for Excellence in Administration

Date: 15.07 23

Venue: Swami vivekanada Auditorium

Participants: Non-Teaching Staff (Administrative and Support Staff)

Objective:

The training aimed to equip non-teaching staff with skills and strategies to enhance their administrative roles, promote teamwork, and increase efficiency in supporting institutional goals.

Highlights:

1. Sessions covered leadership skills, time management, and communication.
2. Group discussions and case studies were conducted to address common challenges faced in administrative roles.
3. Participants were introduced to tools for efficient record-keeping and task prioritization.

Outcome:

Participants gained insights into the importance of their roles in institutional success and developed actionable plans to improve workplace efficiency.

Feedback:

Feedback indicated a high level of satisfaction with the training content and delivery, with requests for follow-up workshops focusing on advanced skills.





## Report

### Professional skills for Administrative Support Staff

Date: [12.09.23]

Venue: [Insert Venue]

Participants: Administrative Support Staff

Objective:

This program aimed to enhance the professional skills of administrative support staff to ensure they are well-prepared to handle dynamic challenges in their roles.

Highlights:

1. Emphasis on customer service excellence and conflict resolution techniques.
2. Training on digital tools, including word processing, spreadsheet management, and office automation software.
3. Interactive role-play exercises to simulate real-world administrative scenarios.

Outcome:

The training enhanced participants' confidence and ability to use digital tools, improving the overall productivity and efficiency of the administrative support team.

Feedback:

Participants appreciated the hands-on approach and expressed interest in further training on specialized software tools.



### **Report:**

#### **Effective Office Management and Professional Development**

Date: 04-03.24

Venue: Swami vivekanada Auditorium

Participants: Administrative and Office Staff

Objective:

To train office staff in modern office management techniques while fostering professional growth and continuous learning.

Highlights:

1. Workshops focused on organizing workflows, document management, and scheduling.
2. A special session on stress management and maintaining work-life balance.
3. Discussion on aligning personal professional growth with institutional objectives.

Outcome:

Participants left with practical strategies to manage their daily tasks more effectively, reduce workplace stress, and contribute to a more organized office environment.

Feedback:

Positive feedback highlighted the relevance of the topics covered. Participants suggested periodic refresher courses to stay updated on best practices.







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**Report**

**Empowering Non-Teaching Staff for Excellence in Administration**

Date: 15.07 23

Venue: Swami vivekanada Auditorium

Participants: Non-Teaching Staff (Administrative and Support Staff)

Objective:

The training aimed to equip non-teaching staff with skills and strategies to enhance their administrative roles, promote teamwork, and increase efficiency in supporting institutional goals.

Highlights:

1. Sessions covered leadership skills, time management, and communication.
2. Group discussions and case studies were conducted to address common challenges faced in administrative roles.
3. Participants were introduced to tools for efficient record-keeping and task prioritization.

Outcome:

Participants gained insights into the importance of their roles in institutional success and developed actionable plans to improve workplace efficiency.

Feedback:

Feedback indicated a high level of satisfaction with the training content and delivery, with requests for follow-up workshops focusing on advanced skills.





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**Report**

**Professional skills for Administrative Support Staff**

Date: [12.09.23]

Venue: [Insert Venue]

Participants: Administrative Support Staff

Objective:

This program aimed to enhance the professional skills of administrative support staff to ensure they are well-prepared to handle dynamic challenges in their roles.

Highlights:

1. Emphasis on customer service excellence and conflict resolution techniques.
2. Training on digital tools, including word processing, spreadsheet management, and office automation software.
3. Interactive role-play exercises to simulate real-world administrative scenarios.

Outcome:

The training enhanced participants' confidence and ability to use digital tools, improving the overall productivity and efficiency of the administrative support team.

Feedback:

Participants appreciated the hands-on approach and expressed interest in further training on specialized software tools.

Co-ordinator IQAC





**Report:**

**Effective Office Management and Professional Development**

Date: 04-03.24

Venue: Swami vivekanada Auditorium

Participants: Administrative and Office Staff

Objective:

To train office staff in modern office management techniques while fostering professional growth and continuous learning.

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Positive feedback highlighted the relevance of the topics covered. Participants suggested periodic refresher courses to stay updated on best practices.

