

# Echo Newsletter



Volume - 3

2021-2022

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## About MITS



**Madanapalle Institute of Technology & Science is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle.**

**MIT'S, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of Late Sri. N. Krishna Kumar M.S. (U.S.A), the then President and Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent of the Academy.**

**MIT'S is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The Institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the students fraternity. MIT'S enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology.**

### Institute Vision

**To become a globally recognized research and academic institution and thereby contribute to technological and socio-economic development of the nation.**

### Institute Mission

**To foster a culture of excellence in research, innovation, entrepreneurship, rational thinking, and civility by providing necessary resources for generation, dissemination and utilization of knowledge and in the process create an ambience for practice-based learning to the youth for success in their careers.**

## About us



**The Department of Computer Science & Technology (CST) was established in the year 2018 and plays a vital role in producing value-based professionals to cater to the ever-challenging needs of technical excellence in the emerging areas of CST. The department offers one UG program with an intake of 60 students and the intake was enhanced to 180 seats in the year 2019. Department has adequate infrastructural facilities required for imparting high-quality education and the department is fully structured to meet the contemporary needs of the industry. Imparting high quality education is supported by well qualified and experienced faculty members with rich academic and industry exposure, who have pursued Masters/Ph.D degree from prestigious institutions like NITs, IITs, and Central Universities within India and abroad. Seminars, Workshops, and Technical Symposia are conducted in the department to keep faculty and students updated with latest developments in various technologies.**

### Department Vision

**To bring forth globally competent engineers with societal consciousness, who thrive in academics and research in Computer Science and Technology.**

### Department Mission

**M1: To deliver technical education of the highest quality by improving the curriculum and using effective pedagogical techniques by qualified faculty.**

**M2: To foster interaction between Industry and academia, to improve students' abilities in research, innovation, and entrepreneurship.**

**M3: To prepare the students to become professionally competent and intellectually adept by imparting required Skills to mitigate the societal problems.**

## **Program Outcomes (POs)**

**PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.**

**PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences**

**PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.**

**PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.**

**PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.**

**PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.**

**PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.**

**PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.**

**PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.**

**PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.**

**PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.**

**PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.**

## **Program Educational Objectives (PEOs)**

**PEO1: Graduates will have successful career by contributing for innovation of new technologies and systems in the key domains of Computer Science & Technology.**

**PEO2: Graduates will be able to perform technical/ administrative roles in information technology industry / R&D sectors and pursue higher education in reputed institutions.**

**PEO3: Graduates will be ethically and socially responsible towards the societal development and opting a career as an entrepreneur with moral values in various domains of Computer Science & Technology.**

## MESSAGE FROM THE HEAD OF THE DEPARTMENT



**Prof. Dr. M.Sreedevi HoD,**  
Dept of CST  
**MITS**

A warm greeting to all!!

It is my pleasure to announce the release of the 2020- 2021 issue of the newsletter by the Department of Computer Science & Technology, MITS. This newsletter provides a platform to discuss the highlights of the events organized and those upcoming in shortly. The current technological revolution has made the world a smaller place. With technology getting integrated into the fabric of every individual's life, the world has become a more connected and digitized place. The Department has successfully organized many webinars/events online under the club-committee umbrella to showcase students' talent and benefit from them. Career counselling sessions are being successfully held for admission aspirants online. Department of Computer Science & Technology can be reached through social media. I wish the best of luck to the students and thank my colleagues to bring laurels to the department.

## EVENTS ORGANIZED

**(Webinars, Seminars, Guest Lectures, Workshops, FDP's, Awareness Programmes)**

**A Guest Lecture on "Career Planning" was organized by Department of Computer Science & Technology on 10th June 2022.**



**A Guest lecture on "Guidelines for Patenting" was organized by Department of Computer Science & Technology on 28th May 2022.**

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC-AUTONOMOUS INSTITUTION)  
Madanapalle-517325, Chittoor Dist., Andhra Pradesh

Webinar on  
**"Guidelines for Patenting"**

Resource Person  
**Dr. J. S. Adeline Johnsana**  
Associate Professor / CSE  
Sri Indu College Engineering & Technology

Date  
28.05.2022  
(Saturday)  
Time  
10:00 am  
Event Venue  
Seminar hall - C

Chief Patron  
Dr. N. Vijaya Bhaskar Choudhary  
Secretary & Correspondent

Patron  
Mrs. Keerthi Madala  
Executive Director

Program Chair  
Dr. G. Vinayak Prasad

Convenor  
Dr. M. Sreedevi  
Professor & HOD / CST

Coordinator  
Ms. G. Gantham  
Assistant professor / CST

Department of Computer Science & Technology



**A Webinar on “agile Methodologies” was organized by Department of Computer Science Technology on 21th April 2022.**

**A One Day Seminar on “Explore Job Opportunities in the Design Field” was organized by Department of Computer Science & Technology on 21st May 2022.**

**A One Day Workshop on “Awareness on basics of Computer Networking” was organized by Department of Computer Science & Technology on 11th May 2022.**

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
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Madanapalle-517325, Annamayya Dist., Andhra Pradesh

Organized by Department of Computer Science & Technology

One Day Workshop on  
**Awareness on basics of Computer Networking**

Resource Person  
**Dr. P.E.S.N Krishna Prasad, Associate Professor, GITAM University, Vizag.**

Date: **11.05.2022**

Chief Patron: Dr. N. Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent  
Patron: Mrs. Keerthi Nodella, Executive Director  
Program Chair: Dr. C. Yuvraj, Principal  
Convenor: Dr. M. Sreedevi, Professor & Head, Dept. of CST  
Coordinators: Dr. R. RajaKumar AP/CST

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**A Webinar on "Basics of Computer and Network Security" was organized by Department of Computer Science & Technology on 5th May 2022.**



**A Webinar on "Guidelines for writing a Research Paper" was organized by Department of Computer Science & Technology on 26th April 2022.**

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Madanapalle-517325, Annamaya Dist., Andhra Pradesh

Organized by Department of Computer Science & Technology

**Webinar on**  
**"Guidelines for writing a Research Paper"**

Resource Person  
**Dr. SenthilKumar,**  
Associate Professor,  
Department of CSE(IOT), VIT, Vellore.

Date: 26.04.2022

Chief Patron: Dr.N.Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent  
Patron: Mrs.Keerthi Nadella, Executive Director  
Program Chair: Dr.C.Yuvraj, Principal  
Convener: Dr.M.Sreedevi, Professor & Head, Dept. of CST  
Coordinators: Ms. G.Gowthami AP/CST

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**A One Day Hands on Workshop on "IONIC FRAMEWORK" was organized by Department of Computer Science & Technology on 5th April 2022.**

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**One Day Workshop on**  
**"IONIC FRAMEWORK"**

Resource Person  
**Dr. R. Saran Kumar**  
Associate Professor  
Department of IT,QISCT,Ongole

Date: 05.04.2022

Chief Patron: Dr.N.Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent  
Patron: Mrs.Keerthi Nadella, Executive Director  
Program Chair: Dr.C.Yuvraj, Principal  
Convener: Dr.M.Sreedevi, Professor & Head, Dept. of CST  
Coordinators: Dr. K. Chokkanathan AP/CST

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**One Day Guest Lecture on "Data Science" was organized by Department of Computer Science & Technology on 26th March 2022.**

**A One Day Guest Lecture on "Overview of Data warehousing Implementation" was organized by Department of Computer Science & Technology on 15th February 2022.**

**ACM sponsored International Colloquium - Distinguished Speaker Programme on "Perspectives on Big Data, Machine Learning and AI" was organized by Department of Computer Science Technology on 5th February 2022.**

**A Guest Lecture on "ANDROID & SMART DEVICES" was organized by Department of Computer Science Technology on 28th January 2022.**

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Organized by Department of Computer Science & Technology

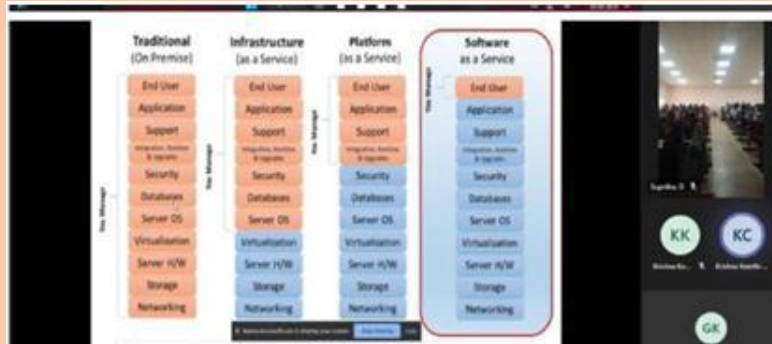
One Day Guest Lecture on  
**"ANDROID & SMART DEVICES"**

Resource Person  
**Dr.A.Vijayaraj**  
Professor  
Department of Computer Science and Engineering  
RMK Engineering College, Chennai

Date: 28.01.2022

Chief Patron: Dr.N.Vijaya Bhaskara Choudary, Ph.D., Secretary & Correspondent  
Patron: Mrs.Keerthi Nadella, Executive Director  
Program Chair: Dr.C.Yuvraj, Principal  
Convener: Dr.M.Sreedevi, Professor & Head, Dept. of CST  
Coordinators: Mr.N.Junubabu, Assistant Professor/CST

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**A Guest Lecture on "Overview of Dataware Housing Implementation" was organized by Department of Computer Science Technology on 10th January 2022.**

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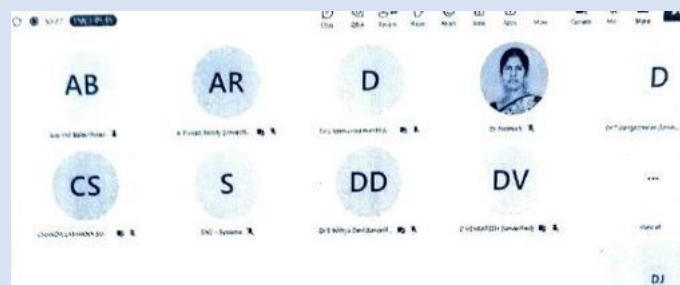
One-day Online Guest Lecture on  
**"Overview of Data warehousing Implementation"**

Resource Person  
**Dr.Senthil Sivakumar**  
Assistant professor,  
IIT, Trichy

Date: 10.01.2022 (Monday)  
Time: 10:00 am To 12:00 pm

Chief Patron: Dr. N Vijaya Bhaskar Choudary, Secretary & Correspondent  
Patron: Mrs. Keerthi Nadella, Executive Director  
Program Chair: Dr. C Yuvraj, Principal  
Co-Chair: Dr. M Sreedevi, Professor & HOD / CST  
Convener: Mr. D. Abdul Jaleel, Assistant professor / CST

Department of Computer Science & Technology





**A One Day Workshop on "Operating Systems and its Fundamentals" was organized by Department of Computer Science Technology on 20th December 2021.**

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Organized by Department of Computer Science & Technology

One Day Workshop on  
**Operating Systems and its Fundamentals**

Resource Person  
**Dr. K.Sree Divya, Associate Professor,  
SVCE, Tirupati.**

Date: 20.12.2021

Chief Patron: Dr. M. Vijaya Bhaskara Choudary, Ph.D. Secretary & Correspondent  
Patron: Mrs. Keerthi Nadella Executive Director  
Program Chair: Dr. D. Suresh Principal  
Convener: Dr. M. Sreedevi Professor & Head, Dept. of CST  
Coordinator: Dr. K. Dinesh AP/CST

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**A Virtual Guest Lecture in "Busting Myths in writing a Technical Manuscript" was organized by Department of Computer Science Technology on 14th December 2021.**

*Busting Myths in writing  
technical manuscript*

Presented by  
**Dr. Terrance Frederick Ferrell**  
(ORCID :- 0000-0002-7317-0287)

**A Webinar on "SCRUM FRAMEWORK" was organized by Department of Computer Science Technology on 13th November 2021.**

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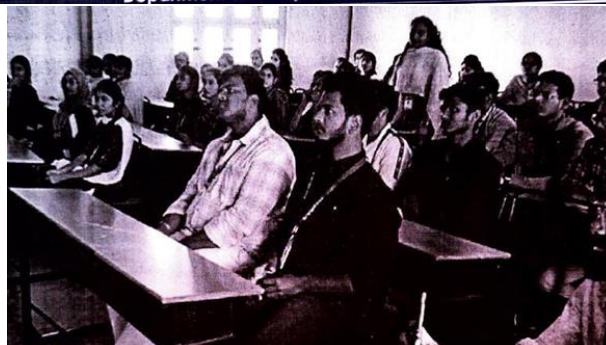
Webinar on  
**"Scrum Framework"**

Resource Person  
**Dr. K. Boopalan**  
Assistant professor / CSE  
Annamacharya Institute of Technology & Science

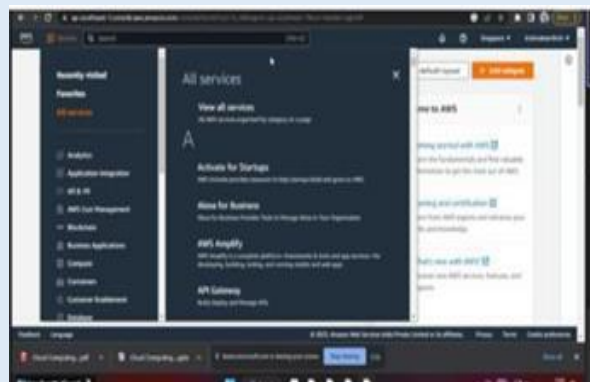
Date: 13.11.2021 (Saturday)  
Time: 10:00 am  
Event venue: Seminar hall - C

Chief Patron: Dr. M. Vijaya Bhaskara Choudary Secretary & Correspondent  
Patron: Mrs. Keerthi Nadella Executive Director  
Program Chair: Dr. C. Yuvaraj Principal  
Convener: Dr. M. Sreedevi Professor & HOD / CST  
Coordinator: Mr. D. Suresh Assistant professor / CST

Department of Computer Science & Technology



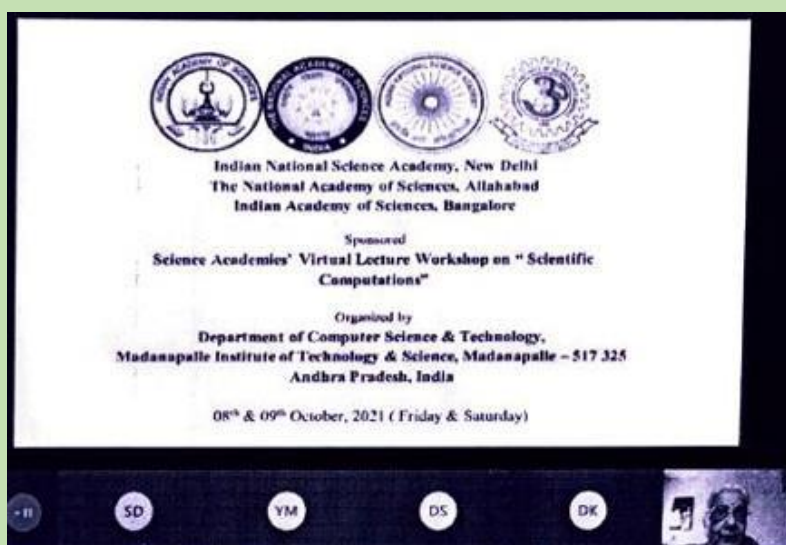
**A Webinar on "Latest AI Advancements in Medical Domain" was organized by Department of Computer Science Technology on 15th November 2021.**



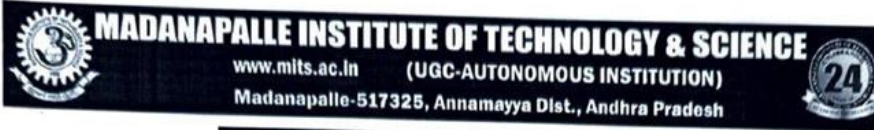
**A Webinar on "Outcome Based Education" was organized by Department of Computer Science Technology on 14th October 2021.**



**A Science Academies' Virtual Lecture Workshop on "Scientific Computations" was organized by Department of Computer Science & Technology on 8th & 9th October 2021.**




**A One Day Online Guest Lecture on "Amazon Web Services" was organized by Department of Computer Science & Technology on 17th September 2021.**



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**Online Guest Lecture on "Amazon Web Services"**




**Resource Person**  
**Mr. U. Yamalalah**  
 Team Lead  
 DBS  
 Hyderabad

**Date**  
 17.09.2021  
 (Friday)  
**Time**  
 1.00 p.m to 5.00 p.m

Chief Patron Dr. N Vijaya Bhaskar Choudary Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C Yuvaraj Principal	Co-Chair Dr. Basabi Chakraborty Professor & Dean / CST
Co-Chair Dr. M Sreedevi Professor & HOD / CST	Convener K Giridhar Assistant Professor / CST	Event Coordinator N Junnababu Assistant Professor / CST	


**Department of Computer Science & Technology**

**A One Day Online Guest Lecture on "Talk with Block Chain Expert" was organized by Department of Computer Science & Technology on 2nd September 2021.**



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**One day Online Guest Lecture on "Talk with Block Chain Expert"**



**Resource Person**  
**MOU BOL ABIEM AKEEN**  
 Founder and CEO of Technology connects  
 South Sudan

**Date**  
 02.09.2021  
 (Thursday)  
**Time**  
 10:00 am  
 To  
 12:00 pm

Chief Patron Dr. N Vijaya Bhaskar Choudary Secretary & Correspondent	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C Yuvaraj Principal
Co-Chair Dr. M Sreedevi Professor & HOD / CST	Convener Dr. N. Praveena Assistant professor / CST	

**Department of Computer Science & Technology**

**A Five Days Online FDP on "Integration of Advanced Technologies to Industry 4.0" was organized by Department of Computer Science & Technology on 09th to 13th August 2021.**



## FDP/STTP/PDP Attended

S.NO	Name of the Faculty	Name of the Event	Event Type	No. of Days	Organized BY
1	D.Abdul Jaleel	"Problem solving through programming in C	Online Certification	12 Weeks	NPTEL-AICTE-FDP
2	Dr. R. Sendhil	Online Privacy	Online Certification	12 Weeks	NPTEL-AICTE-FDP
3	Dr. R. Sendhil	Big Data Computing	Online Certification	12 Weeks	NPTEL-AICTE-FDP
4	Aravind.B	Software Testing	Online Certification	12 Weeks	NPTEL-AICTE-FDP
5	Aravind.B	E-Business	Online Certification	12 Weeks	NPTEL-AICTE-FDP
6	G.Damini	Research and Publication Ethics	FDP	2	Sreenivasa Institute of Technology and Management, Ananthapuramu
7	A.Subramaneswar a Rao	Research and Publication Ethics	FDP	2	Sreenivasa Institute of Technology and Management, Ananthapuramu
8	N.Mageshkumar	"Research and Publication Ethics"	FDP	2	Srinivasa Institute of Technology and Management Studies, Chittoor.
9	D.Abdul Jaleel	Artificial Inteligence	Online FDP	5	AICTE Training And Learning (ATAL) Academy at Central University of Kerala, Kerala
10	N.Mageshkumar	Artificial Inteligence	Online FDP	5	AICTE Training And Learning (ATAL) Academy at Central University of Kerala,
11	Dr.S.Padma	Recent trends in research	FDP	2	SRM Institute of Science and Technology , TN
12	D.Abdul Jaleel	"Internet of Things"	FDP	5	AICTE Training And Learning (ATAL) Academy
13	N.Mageshkumar	Internet of Things	FDP	5	AICTE Training And Learning (ATAL) Academy
14	Mr.Raja Kumar	Quantum Computing For Real World Applications	FDP	5	AICTE Training And Learning (ATAL) Academy
15	C.Reddy Purushotham	Cyber Security	FDP	5	AICTE Training And Learning (ATAL) Academy

16	Mr.A.Subramaneswara Rao	Cyber Security	FDP	5	AICTE Training And Learning (ATAL) Academy
17	G.Damini	Cyber Security	FDP	5	AICTE Training And Learning (ATAL) Academy
18	S.Thangam	Cyber Security	FDP	5	AICTE Training And Learning (ATAL) Academy
19	Mr.A.Subramaneswara Rao	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
20	Mrs. K. Surekha	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
21	D.Abdul Jaleel	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
22	Mr. V. Maruthi Prasad	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
23	N.Mageshkumar	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
24	Aravind.B	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
25	Mr. M.Anand Kumar	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
26	Dr N. Praveena	Computer System Design	FDP	5	AICTE Training And Learning (ATAL) Academy
27	Dr. R. Sendhil	Cyber security	Online FDP	5	Dr. Babasaheb Ambedkar Technological University, Maharashtra
28	Dr R Rajakumar	Deep learning and Computer Vision	FDP	5	Manipal University, Karnataka
29	N.Prakash	Prominent Challenges in Computer Vision, Data and Intelligence	FDP	6	Navarasam Arts and Science College for Women, TN
30	Dr.S.Padma	Productivity Enhancement.	FDP	5	AICTE Training And Learning (ATAL) Academy
31	Dr.R. Sendhil	Recent Trends in Industrial Robot Programming with Applications and Hand on Training Programming	FDP	5	SRM Institute of Science and Technology, TN

32	Dr.S.Padama	Productivity Enhancement	FDP	5	JNTUA, College of Engineering, Ananthapuram
33	Mrs. K. Surekha	Innovative Thinking and Research Writing : A New Paradigm	FDP	7	R&D, MRIET, Hyderabad, T.S
34	Ms. G. Gowthami	Innovative Thinking and Research Writing : A New Paradigm	FDP	7	R&D, MRIET, Hyderabad, T.S
35	Dr.S.Padma	Innovative Thinking and Research Writing : A New Paradigm	FDP	7	R&D, MRIET, Hyderabad, T.S
36	Dr.K.Chokkanathan	Innovative Thinking and Research Writings: A new Paradigm.	FDP	7	R&D, MRIET, Hyderabad, T.S
37	Mr. D.Suresh	Cyber Security, Cyber Crimes & Digital Forensics: Trends and Technologies	FDP	7	Pondicherry Technological University
38	Dr N. Praveena	Cyber Security, Cyber Crimes & Digital Forensics: Trends and Technologies	FDP	7	Pondicherry Technological University
39	Dr. R. Sendhil	Cyber Security, Cyber Crimes & Digital Forensics: Trends and Technologies	FDP	7	Pondicherry Technological University
40	M.Anand Kumar	Research Publication And Patent In Humanities And Sciences	FDP	5	G.Pulla Reddy Engineering College, Ananthapuramu
41	Dr.K.Dinesh	ETL- Data Warehousing Tools	FDP	5	G.Pulla Reddy Engineering College, Ananthapuramu
42	M.Anand Kumar	Bigdata-Hadoop	FDP	2	NSDC(National Skill Development Corporation)
43	M.Anand Kumar	Research Publication And Patent In Humanities And Sciences	FDP	8	SRM Institute of Science and Technology, Chennai
44	Junnubabu Noorbhasha	Research Publication And Patent In Humanities And Sciences	FDP	8	SRM Institute of Science and Technology, Chennai
45	C.Reddy Purushotham	Amazon Web Services(AWS)	FDP	6	Panimalar Engineering College, Chennai

46	S.Thangam	Amazon Web Services(AWS)	FDP	6	Panimalar Engineering College, Chennai
47	Dr.K.Dinesh	Artificial Intelligence And Data Science	FDP	6	Aditya College Of Engineering , Anantapuramu
48	V.Maruthi Prasad	Artificial Intelligence And Data Science	FDP	6	Aditya College Of Engineering , Anantapuramu
49	Dr R Rajakumar	Machine Learning On Recent Trends And Applications Phase IV	STTP	6	Srinivasa Ramanujan Institute of Techology, Anathapuram.
50	Dr.M.Sreedevi	Machine Learning on recent trends and applications Phase IV	STTP	6	Srinivasa Ramanujan Institute of Technology, Anathapuram.
51	R.Rajakumar	Machine learning on recent trends and applications phase-IV	STTP	6	Srinivasa Ramanujan Institute of Technology, Ananthapuramu
52	Dr. R. Sendhil	Cyber Security & Block chain Technology-Phase II	STTP	13	Srinivasa Ramanujan Institute of Technology, Ananthapuram, Andhra Pradesh.

### Webinar/Seminar Attended

S.NO	Faculty Name	Topic	Place
1	Dr.M.Sreedevi	Impact of COVID-19 on the development of Rural economy -Challenges and Opportunities	JNTUA, Ananthapuram
2	Dr.Rrajakumar	Effective body language	Sri kanyaka parameswari arts & science college for women.TN
3	DR.R.Rajakumar	Essential mathematics for engineering projects and research-an insight into methodologies	Sastra University, TN
4	Muralidhar pantula	Emerging technologies for higher education post COVID-19	Central University of Jharkhand, Ranchi.
5	kalaipriyan T	Introduction to quantum computing	Cloud X lab, TN
6	kalaipriyan T	Mathematical perspectives on computational science and engineering	Ramyya institute of technology, Banglore
7	kalaipriyan T	Essential mathematics for engineering projects and research-an insight into methodologies	Sastra University, TN
8	vyshnav padakandla	Artificial intelligence and its applications	Tequed Labs, Bangalore, Karnataka



9	k.surekha	National level online boot camp of career building with python	Codegnan IT solutions
10	Dr.K.Chokkanathan	Block chain technology and its features	CSI college of Engineering, Chennai
11	Dr.K.Chokkanathan	Block chain technology	Marudhar kesari jain college for women,vaniyambadi
12	Dr.K.Chokkanathan	Block chain	KGISL institute of technology,TN

## Workshops Attended

S.NO	Faculty Name	Topic	Place
1	Dr.M.Sreedevi	one week national workshop on AI&ML	Chalapathi institute of engineering and technology, Guntur
2	Dr.S.Padma	MATLAB and applications	MITS, Madanapalle
3	Dr.S.Padma	A structured new strategy of quality enhancement and revised accreditation for all higher educational institutions(HEIS)	ER.Perumal Manimekalai College Of Engineering, TN
4	A.Subramaneswara Rao	A structured new strategy of quality enhancement and revised accreditation for all higher educational institutions(HEIS)	ER.Perumal Manimekalai College Of Engineering, TN
5	Dr.S.Padma	Outcome based education in professional institutions	Joseph's college of engineering and technology, Kerala
6	Dr.R.Sendhil	MATLAB and applications	MITS , Madanapalle
7	Dr.R.Sendhil	A structured new strategy of quality enhancement and revised accreditation for all higher educational institutions(HEIS)	ER.Perumal Manimekalai College Of Engineering,TN
8	Dr.K.Chokkanathan	Become an ethereum developer for block chain project development	Panimalar institute of Technology,TN
9	Dr.K.Chokkanathan	Significance of communication skills for effective leadership	Santhiram engineering college, Nandyal
10	Dr.K.Chokkanathan	Free and open source alternative for web conferencing and teaching learning	Mahatma Gandhi institute of technology, Telangana
11	Dr.K.Chokkanathan	IEEE xplore digital library for academics and research	Atharva college of engineering, TN
12	Dr.K.Chokkanathan	competency and career oppurtunities	Shasun jain college for women, TN
13	Dr.K.Chokkanathan	Learning management system	Siddarta institute of engineering and technology
14	Dr.K.Chokkanathan	Digital image processing using scilab	Adhiparasakti college of engineering

15	Dr.K.Chokkanathan	Agile project management	JNTU, Ananthapuramu
16	N.Prakash	NAAC Assessment and Accreditation:A Step by Step Process	Chadalawada Ramanamma Engineering College, Tirupathi, AP

### Ph.D. Thesis Evaluation

S.NO	Faculty Name	Date	Place
1	Dr.M.Sreedevi	24-01-2022	Career Point University, KOTA

### Journal Reviewers

S.NO	Faculty Name	Year	Journal Name
1	Dr.K.Dinesh	2022	2 <sup>nd</sup> International Conference on Innovation Technology for Sustainable Development(ICITSD-2022)
2	Mr.R.Rajakumar	2022	ABCD Reviewer
3	Mr.R.Rajakumar	2022	International Journal of Engineering Research & Technology
4	Dr.R.Sendhil	2022	Advances in Engineering Software
5	Dr. S. Padma	2021	International Journal Of Computer Networks And Applications
6	Dr.R.Sendhil	2021	International Conference on Advances in Computer Engineering & Communication Technology(ICACET-2021)
7	Dr.R.Sendhil	2021	Journal of Parallel and Distributed Computing

### Session Chair

S.NO	Faculty Name	Date	Topic	Place
1	Dr. S. Padma	18-12-2021 & 19-12-2021	Use of AI in cloud computing	MALTA, TamilNadu

### Guest Lecturer Delivered /Resource Person

S.NO	Faculty Name	Date	Topic	Place
1	Dr. S. Padma	27-04-2022	E-Commerce and Cyber Security in Recent Era.	PPG College of Arts & Science, TN
2	Dr. S. Padma	11-06-2021	MOOCS-A Road map to Learn Organized by the Center for Virtual Learning.	Dr.N.G.P.Arts and Science College, Coimbatore, TN
3	Dr.S.Padma	02-06-2021 & 03-06-2021	Social Media: An Unavoidable Guest	SIVET, Chennai, TN

### Committee Members

S.NO	Faculty Name	Year	Name of the Committee
1	Serin V Simpson	2022	International Conference On Cloud Computing Internet Of Things And Computer Applications.

# Faculty Achievements

## Faculty Research Publications

S.No.	Faculty Name	Paper Title	Name of the Journal	Indexing	DOI
1	Dr.Dinesh K	Securing e-Health application of cloud computing using hyperchaotic image encryption framework	Computers & Electrical Engineering	SCI	<a href="https://doi.org/10.1016/j.compeleceeng.2022.107860">10.1016/j.compeleceeng.2022.107860</a>
2	Dr.Dinesh K	Dual Battery Storage Technique for Remote, Location-Based Solar PV System and Standalone Applications	Energies	SCI	<a href="https://doi.org/10.3390/en15082748">https://doi.org/10.3390/en15082748</a>
3	Dr.Dinesh k	Developing Speech Recognition System for recognizing Tonal Speech Signals using Convolutional Neural Network	Applied Science	SCI	<a href="https://doi.org/10.3390/app12126223">https://doi.org/10.3390/app12126223</a>
4	Dr.Dinesh k	An Intelligent Optimized Route-Discovery Model for IoT-Based VANETs	Processess	SCI	<a href="https://doi.org/10.3390/app12126223">https://doi.org/10.3390/app12126223</a>
5	Dr.Rajakumar R	Secure Token-Key Implications in Enterprise Multi-Tenancy Environment using BGV-EHC Hybrid Homomorphic Encryption	Electronics	SCI	<a href="https://doi.org/10.3390/pr9122171">https://doi.org/10.3390/pr9122171</a>
6	Dr.Dinesh k	JMA: Nature-Inspired Java Macaque Algorithm for Optimization Problem	Mathematics	SCI	<a href="https://doi.org/10.3390/electronics11131942">https://doi.org/10.3390/electronics11131942</a>
7	Dr.RajaKumar R	Neighborhood rough set-based route selection for mobile ad hoc networks	International Journal of Communication Systems	SCI	<a href="https://doi.org/10.3390/math10050688">https://doi.org/10.3390/math10050688</a>
8	Dr.Rajakumar R	An energy-efficient cluster formation in wireless sensor network using grey wolf optimisation	International Journal of Applied Management Science	Scopus	<a href="https://doi.org/10.1002/dac.5178">https://doi.org/10.1002/dac.5178</a>
9	Dr.Chokkanathan K	A survey on Role of Blockchain in Smart Cities	International Journal of Computer Science and Network Security	Web of science	<a href="https://koreascience.kr/article/JAKO202123563880611.pdf">https://koreascience.kr/article/JAKO202123563880611.pdf</a>

## Faculty Book Chapter Publications

S.No.	Faculty Name	Title of the book/chapters published	Title of the paper	ISBN/ISSN number	Name of the publisher
1	Dr. S. Padma	Biomedical Signal Processing for Healthcare Applications	Eye Disease Detection from Retinal Fundus Image Using CNN	978-0367705879	CRC Press

## Faculty Conference Publications

S.No.	Faculty Name	Title of the book/chapters published	Title of the paper	ISBN/ISSN number	Name of the publisher
1	Mr.N.Magesh kumar	Efficient spam filtering through intelligent text modification detection using machine learning	Materials Today: Proceedings	2214-7853	Elsevier

## Faculty Patent Filed

S.NO	Faculty Name	Title of Invention	Application Number	Published
1	Dr.K.Chokkanathan	Blockchain- Enabled Intelligent Iot Architecture With AI	202141038370	2021
2	Dr.S.Padma	Automated Education Process With Feedback System Using Machine Learning And AI	202141055281	2021
3	Dr.K.Chokkanathan	Automated Education Process With Feedback System Using Machine Learning And AI	202141055281	2021

## PARTICIPATION DETAILS OF STUDENTS IN DIFFERENT EVENTS ORGANIZED BY OTHER INSTITUTE WITHIN THE STATE - ASSESSMENT YEAR 2021 - 2022

S No	Roll Number	Name of the Student	Name of the Event	Organized by	Date
1.	19691A28E9	Sreekanth Reddy B	Regression based Machine Learning Model to Predict IPL Score after Power Play	Journal of ALGEBRAIC Statistics	10.05.2022
2.	20691A28D9	P Revanth Reddy	Exceptional Coding Skills	TCS Code Victa, Andhra Pradesh.	08.05.2022
3.	20691A28E3	Sayyad Sadiya	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
4.	20691A2843	G Girishma	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
5.	20691A2860	Likith Kumar G	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
6.	19691A28D2	M S Shafiya Kousar	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
7.	21691A28G1	G Sireesha	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
8.	20691A28G0	A Sreeja	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
9.	20691A28F8	R Siva Subramanyam	One Week National Workshop on AI and ML	Dept of CSE, SVEC, Tirupathi, Andhra Pradesh	13.04.2022 to 18.04.2022
10.	20691A28E3	Sayyad Sadiya	Virtual Workshop	LUDIFU, Andhra Pradesh.	10.04.2022
11.	20691A28D8	Reddy Deepika	Virtual Workshop	SKYY RIDER INSTITUTIONS, Andhra Pradesh.	25.01.2022 to 26.01.2022
12.	20691A28H0	Y Tharun Kumar Reddy	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
13.	20691A28D9	J Reddy Prasad	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
14.	20691A28E1	B Rupesh Kumar	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
15.	20691A28H4	M Viswakiran	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
16.	20691A28G4	A Suhail Khan	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
17.	20691A28I0	G Vignavi	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
18.	20691A28G1	N Sridarshani Reddy	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
19.	20691A28D8	G Reddy Deepika	Two Days Webinar on Preparing your Career for Machine Intelligence 4.0	Sreenivasa Institute of Technology and Management Studies, Chittoor Andhra Pradesh	12.08.2021 to 13.08.2021
20.	20691A2843	G Sireesha	Mega Webinar	Digital Scholar, Andhra Pradesh.	04.07.2021

**PARTICIPATION DETAILS OF STUDENTS IN DIFFERENT EVENTS ORGANIZED BY OTHER  
INSTITUTE OUTSIDE THE STATE ASSESSMENT YEAR 2021 – 2022**

S No	Roll Number	Name of the Student	Name of the Event	Organized by	Date
1.	18691A2860	M Vishal	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
2.	18691A2839	M Roopa	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
3.	18691A2811	B Hemanth Thanusha	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
4.	18691A2820	Y Lokesh	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
5.	18691A2849	P Sree Bhavana	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
6.	18691A2840	P M Sadiq Khan	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
7.	18691A2854	P Tarun	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
8.	18691A2853	K Swetha	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
9.	18691A2852	B Sunayana	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
10.	18691A2837	D Reddy Soumya	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
11.	18691A2825	D Naga Surekha	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
12.	18691A2822	R Mohammad Naeem	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
13.	18691A2844	B Sailaja	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
14.	18691A2807	N Chandana	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
15.	18691A2843	G Saiesha	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
16.	18691A2857	M Thoyaz kumar	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
17.	18691A2836	G.Purna Manikanta	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
18.	18691 A2810	T.Harsha Vardan Reddy	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
19.	18691A2824	B Mounika	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022
20.	18691A2835	P Pravallika	International Conference	CHRIST THE KING Engineering College, Tamilnadu.	06.05.2022 to 07.05.2022

21.	18691A2817	D Kiran Tej	National Level Technical Symposium	M Kumarasamy College of Engineering, Karur, Tamil Nadu	28.04.2022
22.	18691A2820	Y Lokesh	National Level Technical Symposium	M Kumarasamy College of Engineering, Karur, Tamil Nadu	28.04.2022
23.	18691A2813	K Kavya	National Level Technical Symposium	M Kumarasamy College of Engineering, Karur, Tamil Nadu	28.04.2022
24.	18691A2814	M Kavya	National Level Technical Symposium	M Kumarasamy College of Engineering, Karur, Tamil Nadu	28.04.2022
25.	18691A2802	K Akshitha	BIG TALK Webinar Series	KNIMBUS, New Delhi.	11.08.2021
26.	18691A2807	N Chandana	BIG TALK Webinar Series	KNIMBUS, New Delhi.	11.08.2021
27.	18691A2830	E Niveditha	BIG TALK Webinar Series	KNIMBUS, New Delhi.	11.08.2021
28.	20691A28C4	C Uday Kiran	Industry Oriented FDP on Data Science, Online Mode.	ATAL Academy, Meerut, Uttar Pradesh.	19.07.2021 to 23.07.2021

# EDITORIAL BOARD

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