



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

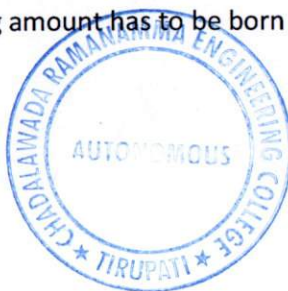
(AUTONOMOUS)

Chadalawada Nagar, Renigunta Road, Tirupati – 517 506
Approved by AICTE New Delhi & Accredited by NAAC with “A” Grade
An ISO 9001:2015 Certified Institution

SANCTIONED PROJECTS & LIST OF TEACHERS

S. No.	List of the Teachers	Department	Title of the project	The awarding Agency	Duration of the project	Amount (INR in Lakhs)
1.	Dr. J. Srinu Naick	EEE	National Conference on Sensor Networks and Internet of Things, Internet of Every Thing	DST	3 Days	7.00
2.	K. Munivara Prasad	CSE	A Two Week FDP on “Engineering Trends and Research Challenges in Cyber Security, Crypt Analysis and Cyber Physical Systems	DST	3 Days	9.00
3.	Dr. B. Narayana Reddy	MECH	FIST: Creation of Capital Assets	DST/FIST	5 Years	14.62*
4.	Dr. P. Krishna Murthy	ECE	FIST: Creation of Capital Assets	DST/FIST	5 Years	3.53*
5.	Dr. A. Rama Mohan Reddy	CSE	FIST: Creation of Capital Assets	DST/FIST	5 Years	5.47*
6.	Dr. J. Srinu Naick	EEE	FIST: Creation of Capital Assets	DST/FIST	5 Years	4.37*

* Rs. 14,00,000/- from DST/FIST and matching amount has to be born by the Institute also.




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CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

Chadalawada Nagar, Renigunta Road, Tirupati - 517506, A.P., India.

Department of Electrical and Electronics Engineering



SUBMISSION OF THE PROJECT COMPLETION REPORT

"National Conference On Sensor Networks, Internet of Things (IOT) and Internet of Everything"

Subject: National Conference on Sensor Networks, Internet of Things (IOT) and Internet of Everything three day duration under ICPS Programme of DST

Title of the Project: A three day on "National Conference on Sensor Networks, Internet of Things (IOT) and Internet of Everything"

1. Financial Aspects of the Projects:

- | | | |
|------------------------------|---|-----------------------------|
| i. No | : | C/26762/ICPCS/SC-ST/2018-19 |
| ii. Date | : | 29.03.2019 |
| iii. Total Amount sanctioned | : | Rs. 7, 00, 000 |

2. Name, Designation, Category and address of the PI (Category belongs to SC/ST)

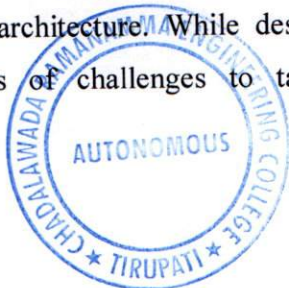
Dr J.Srinu Naick

Associate Professor,
Department of EEE,
Chadalawada Ramanamma Engineering College(Autonomous),
Chadalawada Nagar, Renigunta Road,
TIRUPATI - 517506 ,CHITTOOR(Dist)
ANDHRA PRADESH, INDIA
Mobile:8074330881
Mail-id: speaksrinu@gmail.com

3. Original objectives:

The objective of the programme is
The Wireless sensor networks are a group of specialized devices or sensors which are used to monitor different environmental conditions and to collect and organize that data at some certain central location. It detects and measures a number of physical conditions such as humidity, temperature, sound, pressure, speed and direction, chemical concentrations, vibrations, pollutant levels and many other such conditions. It has many applications with microcontroller projects.

IOT systems are composed by a variety of things and services a key aspect of engineering them is their architecture. While designing and managing IOT systems, services, and platforms, some examples of challenges to tackle are heterogeneity, adaptability, reusability, interoperability,




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uncertainty, security, and privacy while also taking into account the human in the loop bringing needs on the systems' functionalities and qualities. Additionally, challenges lie in the artificial intelligence area and include, e.g., data analytics and machine learning. Novel software architecture principles are needed to overcome all these challenges for IOT systems.

Smart city spans a wide variety of use cases, from traffic management to water distribution, to waste management, urban security and environmental monitoring. Its popularity is fuelled by the fact that many Smart City solutions promise to alleviate real pains of people living in cities these days. IOT solutions in the area of Smart City solve traffic congestion problems; reduce noise and pollution which make cities safer.

A future smart grid promises to use information about the behaviors of electricity suppliers and consumers in an automated fashion to improve the efficiency, reliability, and economics of electricity. 41,000 monthly Google searches highlight the concept's popularity.

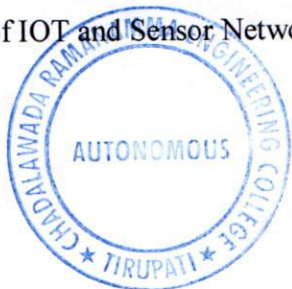
The industrial internet is also one of the special Internet of Things applications. While many market researches such as Gartner or Cisco sees the industrial internet as the IOT concept with the highest overall potential

Supply chains have been getting smarter for some years already. Solutions for tracking goods while they are on the road, or getting suppliers to exchange inventory information have been on the market for years. So while it is perfectly logic that the topic will get a new push with the Internet of Things, it seems that so far its popularity remains limited.

Smart farming is an often overlooked business-case for the internet of Things because it does not really fit into the well-known categories such as health, mobility, or industrial. However, due to the remoteness of farming operations and the large number of livestock that could be monitored the Internet of Things could revolutionize the way farmers work. But this idea has not yet reached large-scale attention. Nevertheless, one of the Internet of Things applications that should not be underestimated. Smart farming will become the important application field in the predominantly agricultural-product exporting countries

Benefits to Faculty:

- i. Acquire an opportunity to gain knowledge on current technological developments in data analytics and machine learning. Novel software architecture principles are needed to overcome all these challenges for IOT systems.
- ii. Motivates the faculty to undertake research problems and upgrade their academic qualifications in the areas of IOT and Sensor Networks, Robotics.




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- iii. Enhances the knowledge of the faculty for effective teaching in the areas of computer networks, Network security, Smart City, Smart Grid.
- iv. Guide students in carrying out their course projects effectively in the areas of Sensor networks, IOT, Robotics.

On completion of this program, participants will

- i. Gain enhanced knowledge on significant theories, technology enablers, and applications and devise new methods to overcome the major problems in Internet, IOT.
- ii. Acquire skills for designing of Sensor Networks and the implementation of their applications.
- iii. Acquire practical technologies and applications to provide foundational frameworks, new functions, and adaptive services across Clouds, IOT and cyber-physical-social systems.
- iv. Can interact with all cyber-related researchers, engineers, and interested pioneers in both academia and industry point of view and enhance the future direction of IOT.
- v. Will acquire programming knowledge.
- vi. Will learn how to build any project related to IOT, Robotics, Control systems

Time schedule of the Project

- i. Proposed duration: 3 DAYS
- ii. Approved duration: 3 DAYS
- iii. Actual duration: 3 DAYS
- iv. Approved time schedule of the Project: 17-10-2019 to 19-10-2019
- v. Actual time schedule followed: 17-10-2019 to 19-10-2019

Inaugural Function

A Three Day National Conference on Sensor Networks, IOT & Internet of Everything

DST sponsored was organized by the Department of Electrical and Electronics Engineering from 17/10/2019 to 19/10/2019. All the sessions were handled by eminent speakers from academia and industry. The national conference programme received an overwhelming response with 50 participants from various states like Andhra Pradesh and Telangana. The national conference aimed to provide opportunities to faculty members to enrich their teaching skills and research in the field of Sensor Networks, IOT & Internet of Everything. The programme was also planned to develop skills on simulation with advanced software in the field of Sensor Networks, IOT & Internet of Everything for inculcating learning values in participants. The three days DST Sponsored National Conference on Sensor Networks, IOT & Internet of Everything Programme was inaugurated by the following eminent personalities on 17 October 2019.

- 1. Dr. Chadalawada Sucharitha, Chairperson, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati.


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2. Dr.S. Mallikarjunaiah, Principal, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati.
3. Dr. J. Srinu Naick Professor and Convener, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati.
4. Prof. J. Nagamuneiah, Professor & Head of CSE, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati.
5. Dr. V. Trimoorthulu, Professor & Head of ECE, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati.
6. Dr. M.Reddy Babu, Professor & Head of H&S, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati
7. Prof R .Suresh, Professor and Head of MCA, Chadalaawada Ramanamma Engineering College (Autonomous), Tirupati.

Dr.P.Venkata Krishna. Professor and Head at Department of Computing Science and Engineering,
SPM University, Tirupati

Dr. J. Srinu Naick, Convener of National Conference welcomed all the dignitaries and participants. In the welcome speech, Dr. Chadalaawada Sucharitha, Chairman highlighted the objectives of the National Conference and shared his views with the faculty participants. she said that, if members of faculty want to develop themselves and their students, then attending such National Conference would enhance their skills of teaching concepts practically. Dr. S Mallikarjunaiah, Principal appreciated the department of CSE for organizing such a programme and welcomed the enthusiastic participants. Mr. J. Nagamuneiah, Professor and Head of CSE stressed on the current trends in technical education and need of Adaptability with the changing global trends across the world. The chief guest of the inaugural programme **Dr.P.Venkata Krishna.** Professor and Head at Department of Computing Science and Engineering, SPM University, Tirupati explained industry demand with the help of various examples,




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CHADALAWADA RAMANANAMMA ENGINEERING COLLEGE: TIRUPATI
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A Three Day National Conference on Sensor Networks, IOT & Internet of Everything

PROGRAMME SCHEDULE

Day- 1: 17-10-2019

- | | | |
|-----|---|------------------------|
| 1. | Welcome Address | : 10.00 AM to 10.05 AM |
| 2. | Inviting Guests | : 10.05 AM to 10.10 AM |
| 3. | Address the gathering | : 10.10 AM to 10.50 AM |
| | (i) Address by Dr. J. Srinu Naick , Convener | |
| | (ii) Address by EEE HOD Prof. K. Siva Kumar | |
| | (iii) Address by Dr. R. Lokanadham, HOD of MECH Dept | |
| | (iv) Address by Prof. J. Nagamunaiah, HOD of CSE Dept | |
| | (v) Address by Dr. V. Trimoorthulu, HOD of ECE Dept | |
| | (vi) Address by Dr. M.Reddy Babu, H&S HOD | |
| | (vii) Address by Prof. R.Suresh, MCA HOD | |
| | (viii) Address by principal Dr. S. Mallikarjunaiah | |
| | (ix) Address by Chief Guest | |
| | (x) Address by Guest of Honor. | |
| 4. | Vote of Thanks | : 10.50 AM to 10.55 AM |
| 5. | Tea Break | : 10.55 AM to 11.10 AM |
| 6. | Keynote – I | : 11.10 AM to 12.00 PM |
| 7. | Presentation – I | : 12.00 PM to 01.00 PM |
| 8. | Lunch Break | : 01.00 PM to 02.00 PM |
| 9. | Presentation – II | : 02.00 PM to 03.30 PM |
| 10. | Tea Break | : 03.30 PM to 03.40 PM |
| 11. | Presentation – II Continued | : 03.40 PM to 05.00 PM |

Day- 2: 18-10-2019

- | | | |
|----|-----------------------------|------------------------|
| 1. | Keynote – II | : 10.00 AM to 11.00 AM |
| 2. | Tea Break | : 11.00 AM to 11.15 AM |
| 3. | Presentation – III | : 11.15 AM to 01.00 PM |
| 4. | Lunch Break | : 01.00 PM to 02.00 PM |
| 5. | Presentation – IV | : 02.00 PM to 03.30 PM |
| 6. | Tea Break | : 03.30 PM to 03.40PM |
| 7. | Presentation – IV Continued | : 03.40 PM to 05.00 PM |



Day- 3: 19-10-2019

- | | | |
|----|------------------|------------------------|
| 1. | Presentation – V | : 10.00 AM to 11.30 AM |
| 2. | Tea Break | : 11.30 AM to 11.45 AM |
| 3. | Valedictory | : 11.45 PM to 01.00 PM |
| 4. | Lunch | : 01.00 PM to 02.00 PM |




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**DST Sponsored Three Day National
Conference
On**

**"Sensor Networks, Internet of
Things (IoT) and Internet of
Everything"
October 17th to 19th, 2019**



REGISTRATION FORM

Name _____
Qualification _____ Designation _____
Institute _____
Experience _____ Teaching _____ Others _____
Address for Communication _____
Email: _____
Mobile No: _____
Place: _____ Signature of the Participant _____

SPONSORSHIP

Mr./Ms./Dr. _____ is an employee of our
Institution and is hereby sponsored. He/she will be
permitted to attend the conference, if selected.

Date: _____

Office Seal

HOD/ Principal

CHIEF PATRON

Dr. CHADALAWADA
SUCHARITHA
Chairperson

PATRON

Dr. S. MALLIKARJUNAIAH
Principal

CONVENER

Dr. J SRINU NAIK
Professor, EEE

HOD

Prof K. SHIVA KUMAR
HOD, EEE

Coordinators

Mr. Y. HARI KRISHNA
Associate Professor of EEE

Mr. K. RAJU

Assistant Professor of EEE

Advisory Committee

Dr. Ch.Chengaiiah, Professor, EEE, SVUCE
Dr. P.Siddaiah, Principal, ANUCE&T
Dr. V. Ganesh, Professor, EEE, JNTU CEP
Dr. R.Srinu Naik, Asst.Professor, EEE, AUCE
Dr. B.Balakrishna, Professor, Mech, JNTUK
Dr.N.Prema Kumar, Professor, EEE, AUCE.
Dr.K.Chandra Sekhar, Professor & HOD, EEE, RVR&JCCE
Dr.V.Trimurthulu, Professor, HOD, ECE
Dr. K. Hari Krishna, Professor, KHIT
Dr. R.Lokanadham, Professor, HOD, MECH
Mr. L.Rama Moorthy, Professor, Dean, FME
Mr. J.Naga Muneiah, Professor, HOD, CSE
Mr. R.Suresh, Professor, HOD, MCA
Mr. J.Brahmaiah Naik, Professor, ECE, VLITS
Mr. B.Sreenu Naik, Asso.Professor, CSE, NITC

Organizing Committee

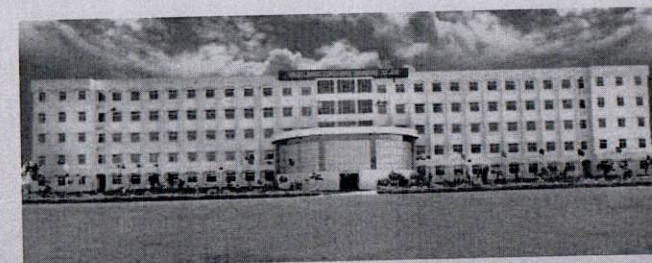
Mr. MCV Suresh, Asso.Professor
Mr. K.Manjunath, Asst.Professor
Mrs.S. Jareena, Asst.Professor
Mr.B.Ramanjulu, Asst.Professor
Mrs. Shofivun, Asst.Professor



सत्यमेव जयते
Department Of Science & Technology
DST

**DST Sponsored Three Day National
Conference
On**

**"Sensor Networks, Internet of
Things (IoT) and Internet of
Everything"
October 17th to 19th, 2019**



Organized by
Department of Electrical and Electronics Engineering
**CHADALAWADA RAMANAMMA
ENGINEERING COLLEGE**

(Autonomous)

Approved by AICTE NAAC Accreditation with 'A' Grade Permanently
Affiliated to JNTUA
Krishna Theja Group of Institutions, Chadalawada Nagar,
Renigunta Road, Tirupati - 517506,
Andhra Pradesh

College Profile:

- The College was established in 2004 by Krishna Theja Educational Society under the aegis of Dr. Chadalawada Sucharitha, a renowned Educationalist and Philanthropist with the Noble objective of promoting quality Technical Education.
 - The Institution is approved by AICTE, New Delhi and permanently affiliated to Jawaharlal Nehru Technological University, Anantapur.
 - This is a premier - league institution among the affiliates of J.N.T.U.A. Accredited by NAAC "A" Grade and an ISO 9001:2015 Certified Institution.
 - Offers B.Tech Program in 4 disciplines, M.Tech program in 4 specializations.
 - The college is equipped with excellent infrastructure, state of art computer centre, library, and with an exclusive research centre.
 - The College has the privilege of providing excellence centres like Microsoft Innovation Centre, Dassaults Systemes Lab AP CM Skill Excellence centre and National Instrument Centre of Excellence to the students to enable the mass job givers instead of job seekers.
- CREC is an IUCEE (Indo US Collaboration for Engineering Education) consortium college. In collaboration with IUCEE we have conducted International level workshops for the faculty.

Location:

The Institute is located at Renigunta high way in Tirupati of Chittoor District, Andhra Pradesh. It is located, at an elevation of 2km, in the sacred hill of Tirumala (Lord Venkateswara) which was considered to be the famous holy city in the world.

Courses Offered:

The college offers B.Tech programs in EEE (60), CSE (120), ECE (120), and Mechanical (120). The college also offers M.Tech in Power Electronics and Drives, Computer Science and Engineering, CAD/CAM, VLSI System Design.

Objective:

The conference aims to bring together leading academic scientists, researchers and corporate people to exchange and share their experiences and research results about all aspects of Sensor Networks, Internet of things (IOT) and Internet of Everything. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent developments, trends, and concerns, practical challenges encountered and the solutions adopted in the field of IOT.

Important Dates:

Last Date for Submission: 10 October, 2019
Notification of Acceptance: 12 October, 2019
Camera Ready Paper & Soft copy: 14 October, 2019

Topics

Sensor Networks, Internet of Things (IOT) and Internet of Everything

Resource Persons:

Eminent experts from Industry and Academia

Eligibility:

Faculty members of EEE, ECE, CSE, MECH, and related disciplines from AICTE approved engineering colleges.
Registration Free: Rs. 500/- (Refundable)
Drawn on any Nationalized Bank favouring

"R & D Cell, Chadalawada Ramanamma Engineering College" Payable at Tirupati.

Note: The participants may send the scanned copy of duly filled application form to "crecdstconference2019@gmail.com"

General Information:

- The Number of participants is limited to 50.
- TA will be provided to all participants.
- Course material and Kit will be supplied to all the participants.
- Lunch, Snacks will be provided.
- Registration closes on 10-10-2019
- Accommodation will be provided for limited number of participants in the institute hostels.

Information for Authors:

- The authors have to submit the full paper in the IEEE Double column format, restricted to a length of Six (6) pages.

Conference Proceedings:

Conference proceedings are also provided for all participants. Selected papers will be Published in journals.

Contact Persons:

Dr.S.Mallikarjunaiah, Principal
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Dr.J.Srinu Naick, Professor, Dept of EEE
Ph No: +91 80743 30881
Mr.K. Siva Kumar, Professor & Head,
Dept of EEE
Ph No: +91 80743 20283
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UGC 2(f) & 12(B), Achieved 'A' Grade by Govt. of AP,
Chadalawada Nagar, Renigunta Road, Tirupati, AP-517506, India.

Department of Electrical and Electronics Engineering



Department of Science and Technology
Government of India

Chief Patron:

Dr. Chadalawada Sucharitha
Chairperson

Patron:

Dr. S. Mallikarjunaiah
Principal, CREC

Convener:

Dr. J. Srinu Naik
Professor, EEE

Organizing Secretary:

Mr. K. Siva Kumar
Professor & HOD, EEE

Advisory Committee:

Dr. Ch. Chengaiah, Professor, EEE, SVUCE
Dr. P. Siddaiah, Principal, ANUCE&T
Dr. V. Ganesh, Professor, EEE, JNTU CEP
Dr. R. Srinu Naik, Asst. Professor, EEE, AUCE
Dr. B. Balakrishna, Professor, Mech, JNTUK
Dr. N. Prema Kumar, Professor, EEE, AUCE.
Dr. K. Chandra Sekhar, Professor & HOD,
EEE, RVR&JCCE
Dr. V. Trimurthulu, Professor, HOD, ECE
Dr. K. Hari Krishna, Professor, KHIT
Dr. R. Lokanadham, Professor, HOD, MECH
Mr. L. Rama Moorthy, Professor, Dean, FME
Mr. J. Naga Muneiah, Professor, HOD, CSE
Mr. R. Suresh, Professor, HOD, MCA
Mr. J. Brahmaiah Naik, Professor, ECE, VLITS
Mr. B. Sreenu Naik, Asso. Professor, CSE, NITC

Faculty Coordinators:

Mr. Y. Hari Krishna
Mr. K. Raju
Mr. M C V Suresh
Mr. K. Manjunath
Mrs. S. Jareena
Mr. B. Ramanjulu
Mrs. Shifivun

Student Coordinators:

Mr. Pavan Kalyan
Mrs. Sravani
Mr. Potulaiah
Mr. Syam Kumar
Mr. Murali Naik
Mr. Rajagopalachari Chari
Mr. Surya Pratap reddy

Technical Committee:

Mr. P. Jyothi Prasad
Mr. Shanmugam

Date: 10/09/2019
Tirupati

To
The Principal/Head of the Department,

Sub: National Conference on Sensor Networks, Internet of Things (IOT) and Internet of Everything (NCSNIOTIE-2019) Reg.

--oOo--

It is pleasure to inform you that the Department of EEE of Chadala Wada Ramanamma Engineering College, under the group of Krishna Teja Educational Institutions, Renigunta Road, Tirupati is organizing a **National Conference on Sensor Networks, Internet of Things (IOT) and Internet of Everything (NCSNIOTIE-2019)** on 17th - 19th October, 2019.

It provides an ideal platform for the participants to share their ideas and innovative research work. It also provides ample opportunity to realize their potentiality and to have an exhilarating experience by participating in the conference. The details are given in the enclosed poster and the website. We request you to kindly give wide publicity by displaying the poster in the Notice Board of your college and encourage the students, faculty and research scholars to take part in **NCSNIOTIE-2019** sponsored by **Department of Science and Technology (DST), Govt. of India, New Delhi.**

Looking forward for your kind cooperation and active participation in the conference.

Thanking you,

With Regards,

(Dr. S. Mallikarjunaiah)
PRINCIPAL



Send your registrations to: crecdstconference2019@gmail.com,

91-8074330881

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బ్రోచర్ను
ఆవిష్కరిస్తున్న
చదలవాడ
సుచరిత,
తదితరులు

ఇంటర్నెట్ జీవిత గమ్యాన్నే మార్చేస్తోంది

ఆటోనగర్(తిరుపతి), న్యూస్టుడే: ఇంటర్నెట్ కారణంగా మానవ జీవిత గమ్యమే మారిపోతోందని, ఆన్లైన్ విధానంలో ఇంటర్నెట్ కీలక పాత్ర పోషిస్తోందని కృష్ణతేజ విదాసంస్థల అధినేత్రి డాక్టర్ చదలవాడ సుచరిత అన్నారు. తిరుపతి నగర సమీపంలోని చదలవాడ రమణమ్మ ఇంజనీరింగ్ కళాశాలలో ఈఈఈ విభాగం ఆధ్వర్యంలో శనివారం 'సెన్సార్ నెట్వర్క్, ఐఓటీ అండ్ ఇంటర్నెట్ ఆఫ్ ఎప్లీ థింగ్స్' అనే అంశంపై ముగింపు కార్యక్రమం జరిగింది. ఈ సందర్భంగా ఆమె మాట్లాడుతూ ఇంటర్నెట్ జీవన ప్రమాణాలపై తీవ్ర ప్రభావాన్ని చూపుతోందన్నారు. అంతర్జాతీయంగా డిమాండ్ ఉన్న అడ్వాన్స్డ్ కోర్సులను, సాంకేతికతను విద్యార్థులు నేర్చుకోవడం ద్వారా ఉత్తమ జీవితాన్ని అనుభవించే అస్కారం ఉంటుందన్నారు. కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎస్.మల్లికార్జునయ్య, కన్వీనర్ డాక్టర్ జె.శ్రీనునాయక్, ఈఈఈ విభాగాధిపతి కె.శివకుమార్ తదితరులు పాల్గొన్నారు.



Date : 20/10/2019 EditionName : ANDHRA PRADESH(CHITTOOR, TIRUPATI) PageNo : Page 04

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Participants List

S.No.	Name of the Participants	Designation& Affiliation	Student/ Faculty	E-mail & phone	Caste
1.	V.V.Krishna Reddy	Asst.Professor Lakireddy BalireddyCollege of Engineering, Mylavaram	Faculty	Venkat.krishna669@gmail.com 8179990050	OC
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32.	S. Balaji	Asst.Professor Sri Chundi Ranganayakulu Engineering College, chilakaluripet	Faculty	baji200484@gmail.com 8074107105	ST
33.	K. Koteswara Rao	Asst.Professor Sri Chundi Ranganayakulu Engineering College, Chilakaluripet	Faculty	Koti.iatkqp@gmail.com 8309672469	ST
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35.	B. Balaji Naik	Assoc.Professor Saitirumala NVR Engineering College, Narasaraopet	Faculty	Balaji.nb7@gmail.com 9493014079	ST
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CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

Chadalawada Nagar, Renigunta Road, Tirupati - 517506, A.P., India.

Department of Computer Science and Engineering



SUBMISSION OF THE PROJECT COMPLETION REPORT

on

**"National Level Training Programmes : In-House Short term
/ FDP Programme for Faculty /UG/PG/Doctoral students of two weeks
duration under ICPS Programme of DST"**

1. **Subject** : National Level Training Programmes : In-House Short term
/ FDP Programme for Faculty /UG/PG/Doctoral students of two
weeks duration under ICPS Programme of DST

Title of the Project : A Two week FDP on "Emerging Trends and Research Challenges in
Cyber Security, Crypt analysis and Cyber Physical Systems"

2. **Financial Aspects of the Projects:**

i. No	:	C/6518/IFD/2018-19
ii. Date	:	29.03.2019
iii. Total Amount sanctioned	:	Rs. 9,00, 000

3. **Name, Designation, Category and address of the PI (Category belongs to SC/ST)**

Mr K Munivara Prasad

Associate Professor,

Department of CSE,

Chadalawada Ramanamma Engineering College(Autonomous),

Chadalawada Nagar, Renigunta Road,

TIRUPATI - 517506 ,CHITTOOR(Dist)

ANDHRA PRADESH, INDIA

Mobile:9885390975

Mail-id: prasadkmv27@gmail.com

4. **Original objectives:**

The objective of the programme is

- a. To gain knowledge on cyber entities in cyberspace, their properties and functions as well as their relations and conjugations with entities in physical, social and mental spaces, which is concerned more with the basic attributes, properties, models, representations, interactions, and evolutions of cyber entities, and all their possible relations conjugated with real things.



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- b. To acquire skills for providing solutions to real-time Cyber-attacks, crypt analysis methods, process management and recent applications in large-scale online Social Networks(OSNs).
- c. To demonstrate industrial works showing applications, services, experiments and simulations in the Cloud that support the cases related to OSN and Security
- d. To discuss the interdisciplinary or trans-disciplinary research and practice focusing on five major aspects: the cyber entities in cyberspace, cyber-physical conjugation, cyber-social conjugation, cyber-mental conjugation, and cyber-physical-social-mental Integration.
- e. To Bring together all cyber-related researchers, engineers, and interested pioneers from both academia and industry, to draw up the future direction of cybermatics, and service provision in hyper space.
- f. To discuss various challenges of Cloud users and service providers like encrypted data search, share, auditing, key management security and privacy.

5. Benefits to Faculty:

- i. Acquire an opportunity to gain knowledge on current technological developments in security threats, attacks and defensive methods in internet, Cloud and Social networks. And also understanding of Security issues in Cloud computing and social networks while implementing services on multi-platform environments such as Windows and Linux and also.
- ii. Provides hands-on skills in Cloud computing, cryptography, Cyber security tools to collect and analyze the network traffic.
- iii. Motivates the faculty to undertake research problems and upgrade their academic qualifications in the areas of Networks security and Cryptography, intrusion detection systems, Cloud Computing and Cyber Security.
- iv. Enhances the knowledge of the faculty for effective teaching in the areas of computer networks, Network security, Cloud Computing, Social Networks , intrusion detection systems and Cyber Security.
- v. Guide students in carrying out their course projects effectively in the areas of networks security, Cloud computing and Cyber security.

6. Time schedule of the Project

- i. **Proposed duration** : 2 Weeks
- ii. **Approved duration** : 2 Weeks
- iii. **Actual duration** : 2 Weeks
- iv. **Approved time schedule of the Project:** 10-06-2019 to 22-06-2019
- v. **Actual time schedule followed:** 10-06-2019 to 22-06-2019




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Inaugural Function

A Two Week DST sponsored faculty development programme (FDP) on **Emerging Trends and Research Challenges in Cyber Security, Cryptanalysis and Cyber Physical System** was organized by the Department of Computer Science and Engineering from 10th June to 22nd June, 2019. All the sessions were handled by eminent speakers from academia and industry. The FDP programme received an overwhelming response with 50 participants from various states like Andhra Pradesh and Telangana. The FDP aimed to provide opportunities to faculty members to enrich their teaching skills and research in the field of Cyber Security, Cryptanalysis and Cyber Physical Systems. The programme was also planned to develop skills on simulation with advanced software in the field of Cyber Security, Cryptanalysis and Cyber Physical Systems for inculcating learning values in participants.

The two week DST Sponsored Faculty Development Programme was inaugurated by the following eminent personalities on 10th June 2019.

1. Dr. Chadalawada Sucharitha, Chairperson, Chadalawada Ramanamma Engineering College(Autonomous), Tirupati.
2. Dr.S. Mallikarjunaiah, Principal, Chadalawada Ramanamma Engineering College(Autonomous), Tirupati.
3. Prof. J. Nagamuneiah, Professor & Head of CSE, Chadalawada Ramanamma Engineering College(Autonomous), Tirupati.
4. Dr. Anjaneyulu Pasala, Principal Research Scientist at Infosys, Bengaluru, Karnataka.
5. Mr K.Muniavara Prasad, Associate Professor and Convener ,Chadalawada Ramanamma Engineering College(Autonomous), Tirupati.
6. Prof R .Suresh, Professor and Head of MCA ,Chadalawada Ramanamma Engineering College(Autonomous), Tirupati.

Mr. K. Munivara Prasad, Convener of FDP welcomed all the dignitaries and participants. In the welcome speech, Dr. Chadalawada Sucharitha, Chairman highlighted the objectives of the faculty development program and shared his views with the faculty participants. she said that, if members of faculty want to develop themselves and their students, then attending such Faculty Development Programme would enhance their skills of teaching concepts practically. Dr. S Mallikarjunaiah, Principal appreciated the department of CSE for organizing such a programme and welcomed the enthusiastic participants. Mr. J. Nagamuneiah, Professor and Head of CSE stressed on the current trends in technical education and need of adaptability with the changing global trends across the world.




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The chief guest of the inaugural programme Dr. Anjaneyulu Pasala, Principal Research Scientist at Infosys, Bengaluru explained industry demand with the help of various examples globally. He also emphasized the benefits of such kind of ingenious activity.



Dignitaries on the Dias during Inauguration



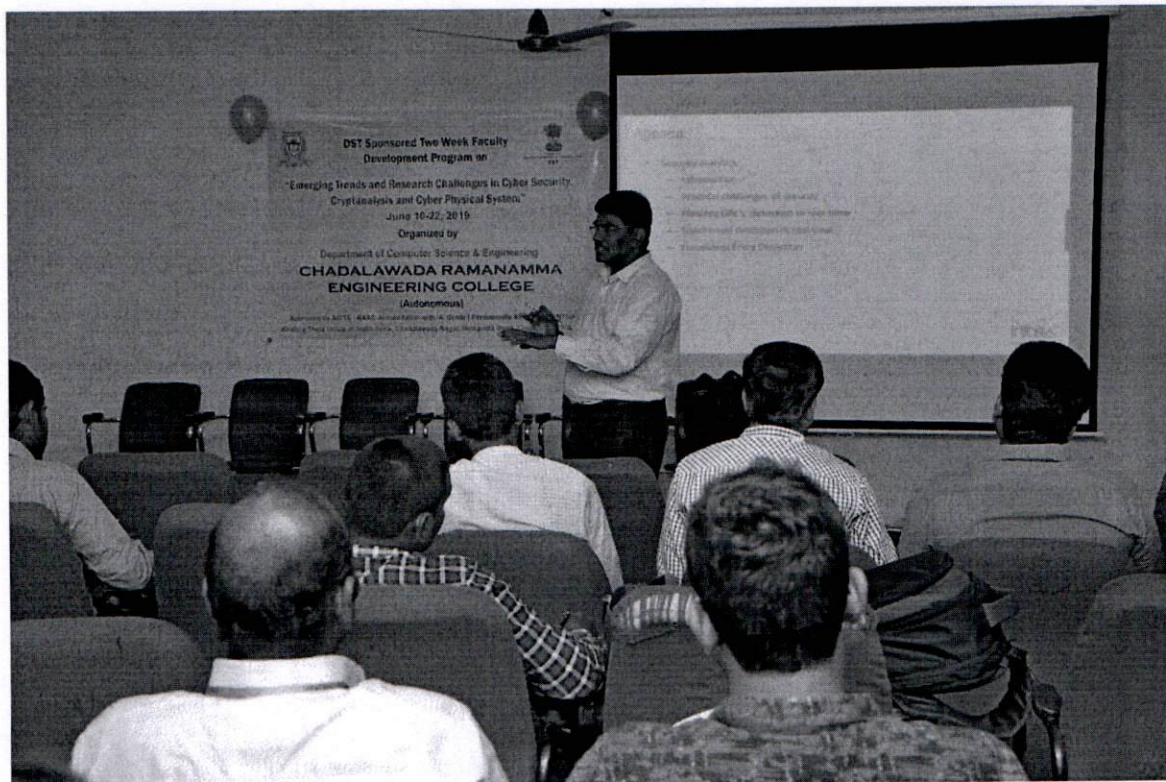
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Date wise brief Report of Technical Sessions

Day-1: 10.06.2019 (Monday)

Session 1: Inaugural Function

Session 2: After the inaugural function, **Dr. Anjaneyulu Pasala**, Principal Research Scientist at Infosys, Bengaluru delivered a lecture on "Cyber Security essential and importance and Requirements". He inspired the participants with the help of various examples focusing the industry demand and also gave some guidelines for it.



Dr. Anjaneyulu Pasala, Principal Research Scientist at Infosys, Bengaluru delivered a lecture on "Cyber Security essential and importance and Requirements"

Session 3: Dr. C. Shoba Bindu, Professor, Dept of CSE,JNTUA, Ananthapur delivered the session on "Cryptography fundamentals and Crypto systems". She explained the Fundamental cryptographic requirements for cryptosystems with real time examples.

Session 4: In connection with session 3, **Dr. C. Shoba Bindu**, Professor, Dept of CSE,JNTUA, Ananthapur also provided the Research challenges in Cryptography and crypt Analysis. This session was very interactive and provided the new Research challenges in Cryptography and Crypto systems




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Dr. C. Shoba Bindu, Professor, Dept of CSE, JNTUA, Ananthapur, delivered a lecture on "Cryptography fundamentals and Crypto systems" and Research challenges in Cryptography and crypt Analysis".

Day-2: 11.06.2019 (Tuesday)

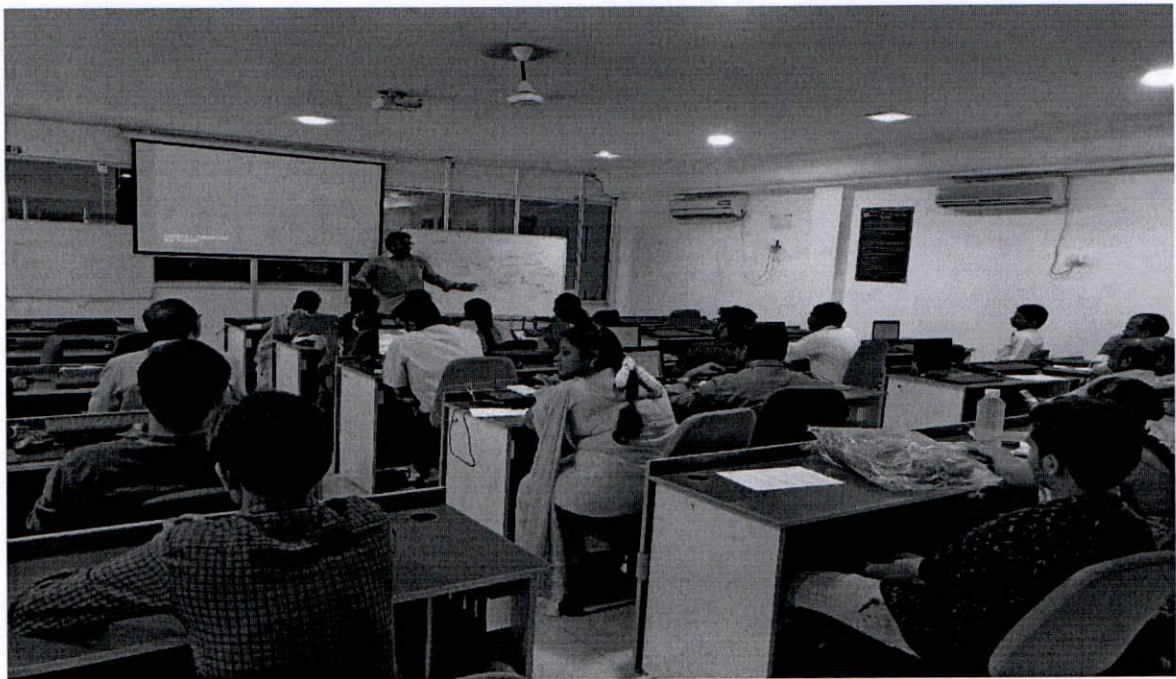
Session 1: Dr. K. Siva Shanmugan, Professor of CSE, VIT University, Vellore delivered a session on "Security Attacks". He explained the various theoretical and practical aspects of attacks.

Session 2: In continuation to the session 1, Dr. K. Siva Shanmugan, delivered the lecture on "Security algorithm design issues". Participants were enlightened with the design principles of advanced security algorithms. He also provided the design issues which helped the participants to understand the present issues in the security algorithms.



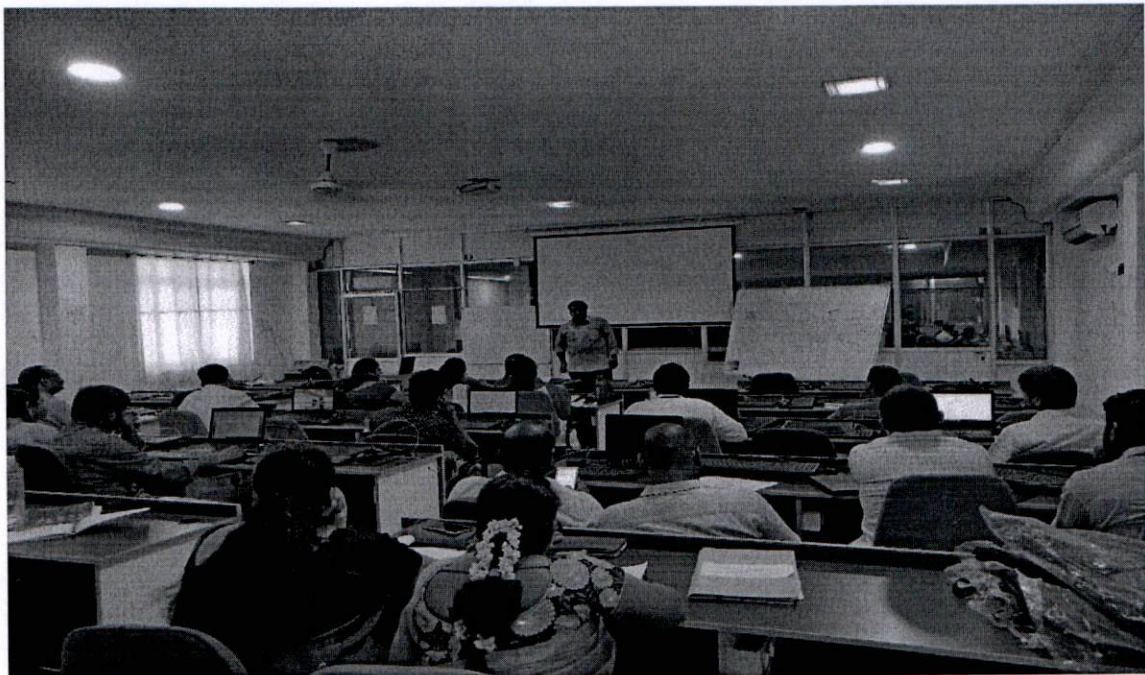
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Dr. K. Siva Shanmugan, Professor of CSE, VIT University, Vellore delivered a lecture on "Security Attacks" and "Security algorithm design issues".

Session 3: Dr. K. Siva Shanmugan, enlightened a session on "Cryptographic system". He explained the current developments that advance the areas of applied cryptography and its application to systems and network security.



Dr. K. Siva Shanmugan, Professor of CSE, VIT University, Vellore delivered a lecture on "Cryptographic system and its implementation"

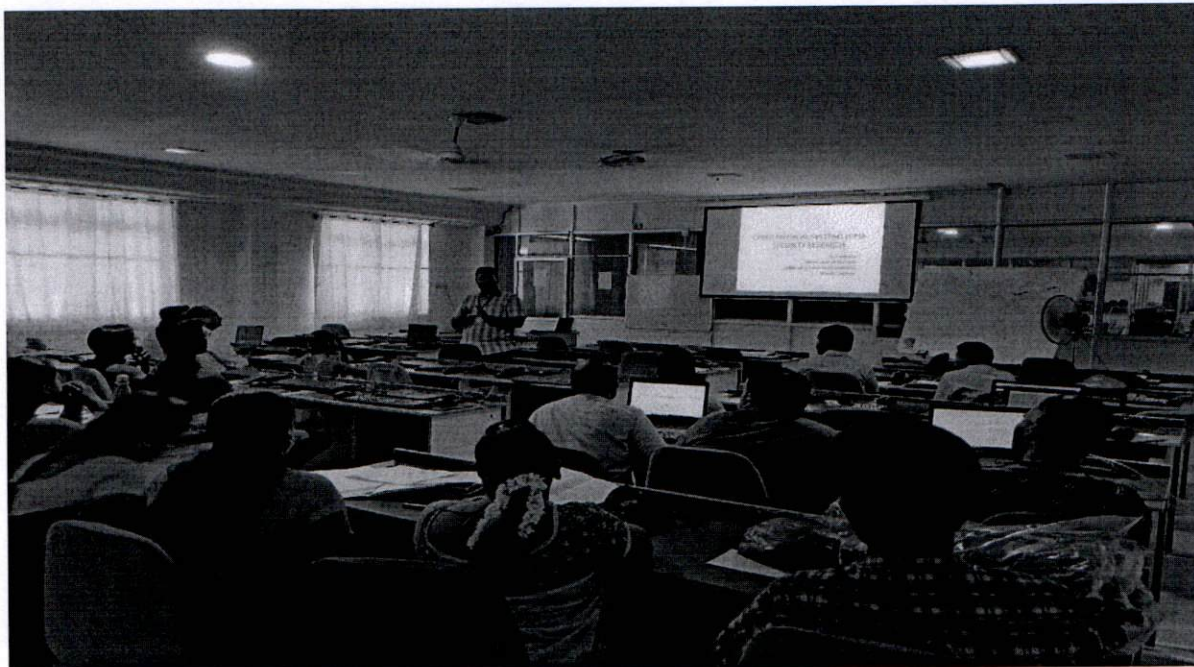


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Session 4: Dr. K. Siva Shanmugan, discussed a session on "Cryptographic implementation". The Participants are enlightened with the design and analysis of cryptographic or coding primitives and protocols for secure implementation and optimization in hardware or software.

Day-3: 12.06.2019 (Wednesday)

Session 1: Dr. S. Magesh, Associate Professor, Dept. of CSE, SRM University, Chennai delivered a session on "Security Perspective of Big data". He gave exposure on cloud/big data industry practices and their broad applications.



Dr. S. Magesh, Associate Professor, Dept. of CSE, SRM University, Chennai delivered a lecture on "Security Perspective of Big data"

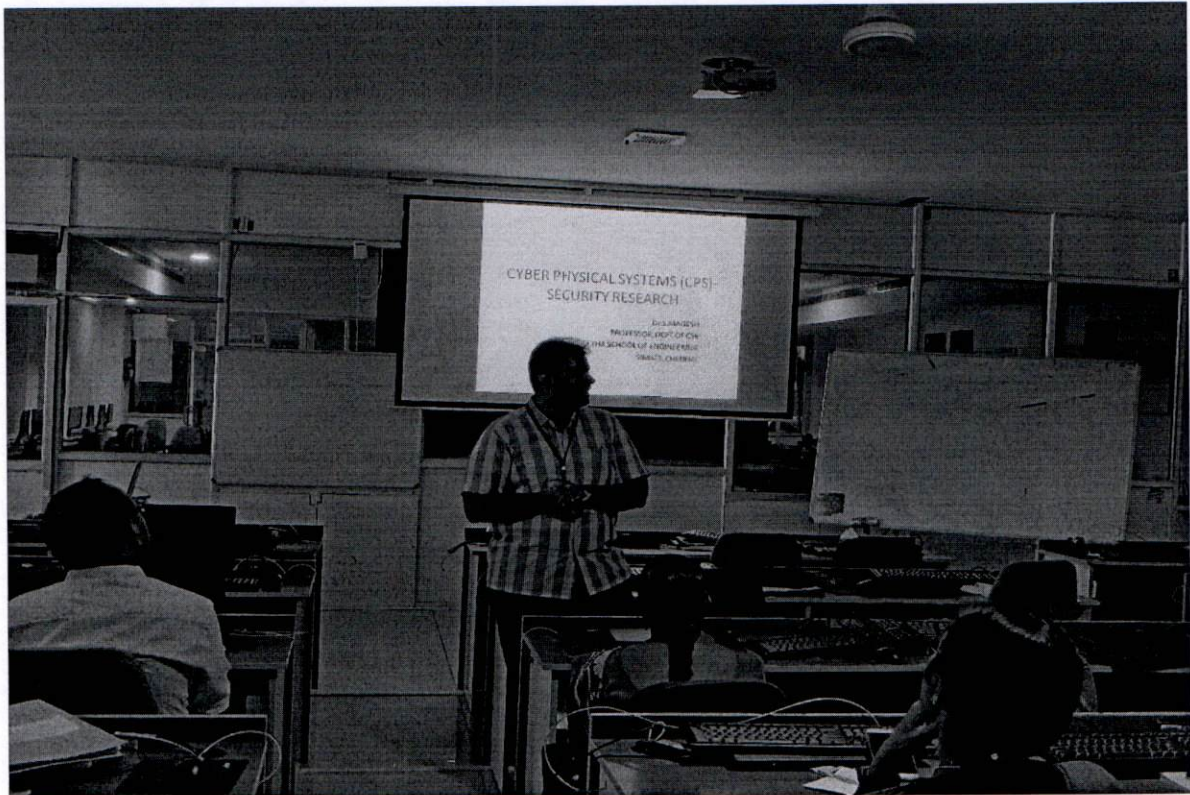
Session 2: Dr. S. Magesh, enlightened the Participants were with the most widely used advance tools and technologies in the area of big data and online Social Networks(OSNs).

Session 3: Dr. S. Magesh, delivered a session on "Security Perspective of Cyber Physical Systems". He explained the core science to develop fundamental principles that underpin the integration of cyber and physical elements, as well as on the development of technologies, tools, architectures and infrastructure for building CPS systems, highlighting the design, implementation, and investigation of CPS applications.

Session 4: Dr. S. Magesh, delivered lecture on Cyber security, protection, integrity, trust and privacy issues for SDN-based CPS. He provided the research scope in CPS application such as, Smart Cities, Logistics or Industrial production, Healthcare etc.




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Dr. S. Magesh, Associate Professor, Dept. of CSE, SRM University, Chennai delivered a lecture on "Security Perspective of Cyber Physical Systems"

Day-4: 13.06.2019 (Thursday)

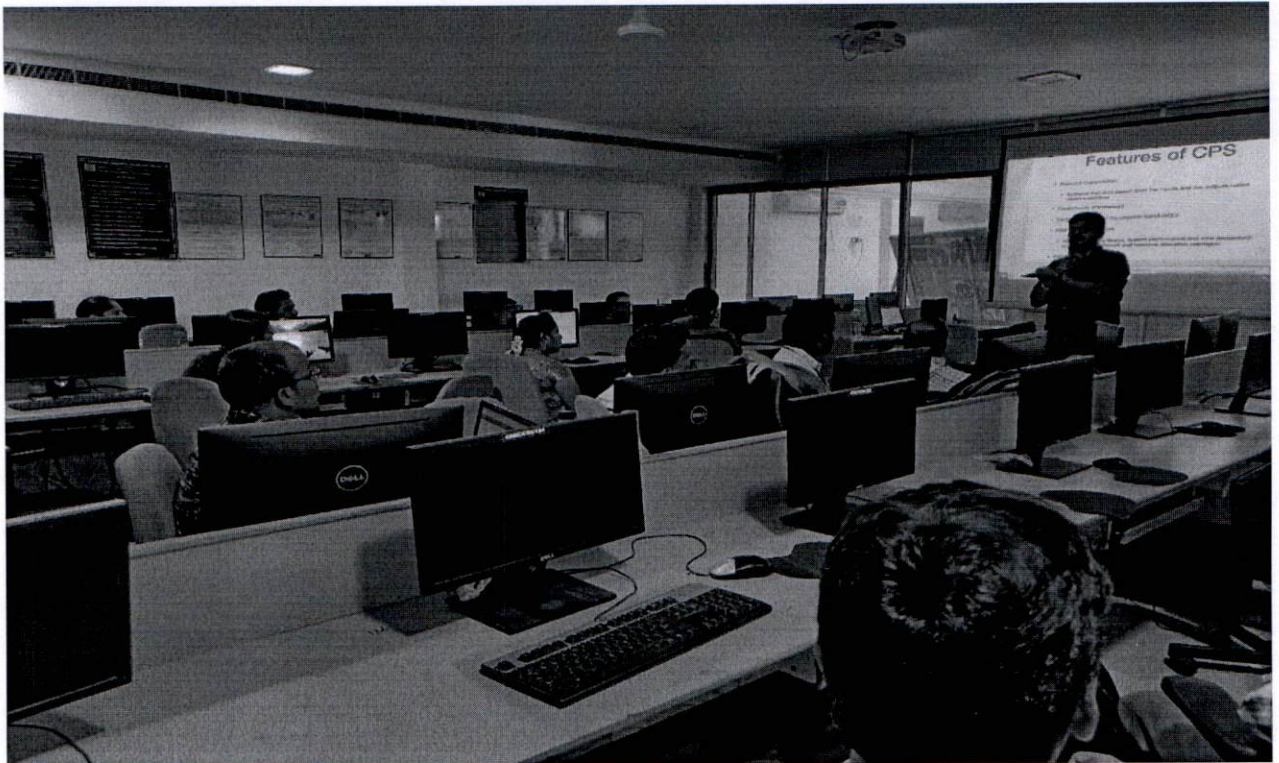
Session 1: Dr. Pradeep Kumar T S, Associate Professor, Dept. of CSE, VIT University, Chennai delivered a lecture on "Cyber security networks". He delivered the advancement of Cyber Security, information security, network security, application security and business transformation of digital services.

Session 2: In continuation to the session 1, **Dr. Pradeep Kumar T S** enlightened the Participants about the protection of public digital services, especially high value bearing online services.

Session 3 and 4: Dr. Pradeep Kumar T S demonstrated hands on session on Open Source Tools with Case Studies for Cyber Physical Systems and explained different scenarios how an security breaches will be identified and resolved.



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Dr. Pradeep Kumar T S, Associate Professor, Dept. of CSE, VIT University, Chennai delivered a lecture on "Case Studies for Cyber Physical Systems"

Day-5: 14.06.2019 (Friday)

Session 1: Dr. Pradeep Kumar T S, Associate Professor, Dept. of CSE, VIT University, Chennai delivered a lecture on "Security issues on Cyber security networks". He discussed the principles, analysis, design, methods and applications of Secure Cyber networks.

Session 2: Dr. Pradeep Kumar T S, demonstrated the tool SUMO – A Simulation for Urban Mobility.

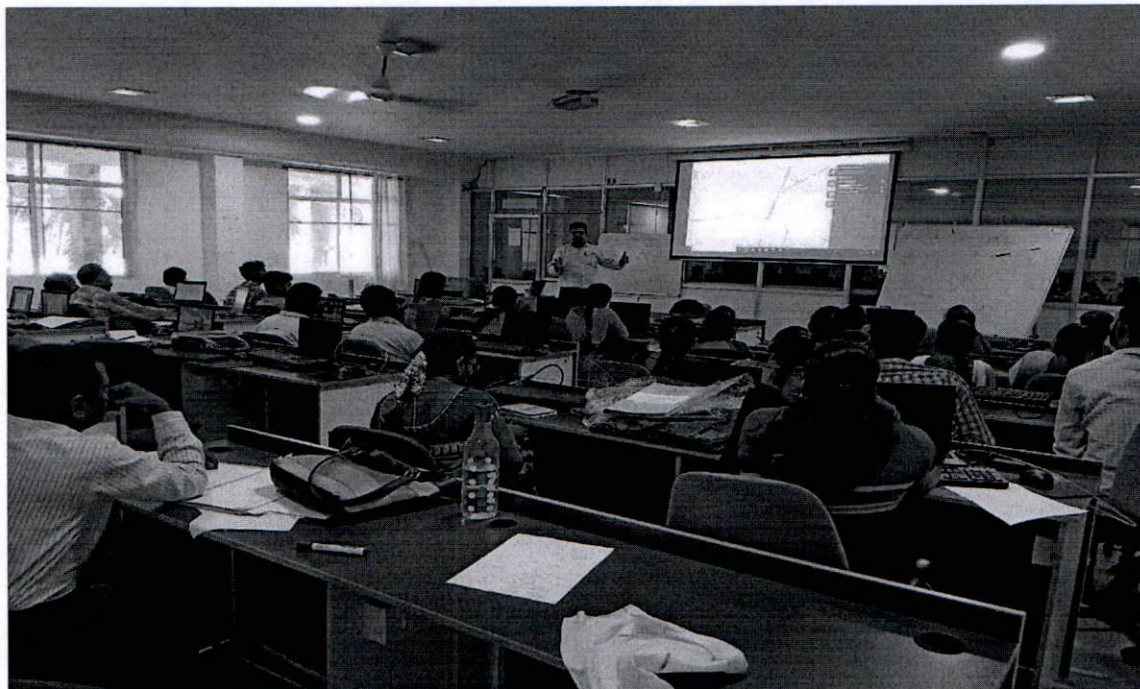
Session 3 and 4: Dr. Pradeep Kumar T S, demonstrated and provided hands on experience on COOJA tool. Explained three realtime case studies how an threats and attacks will be identified and fix the bugs and how to resolve the threats.



B. Srinivas

DIRECTOR

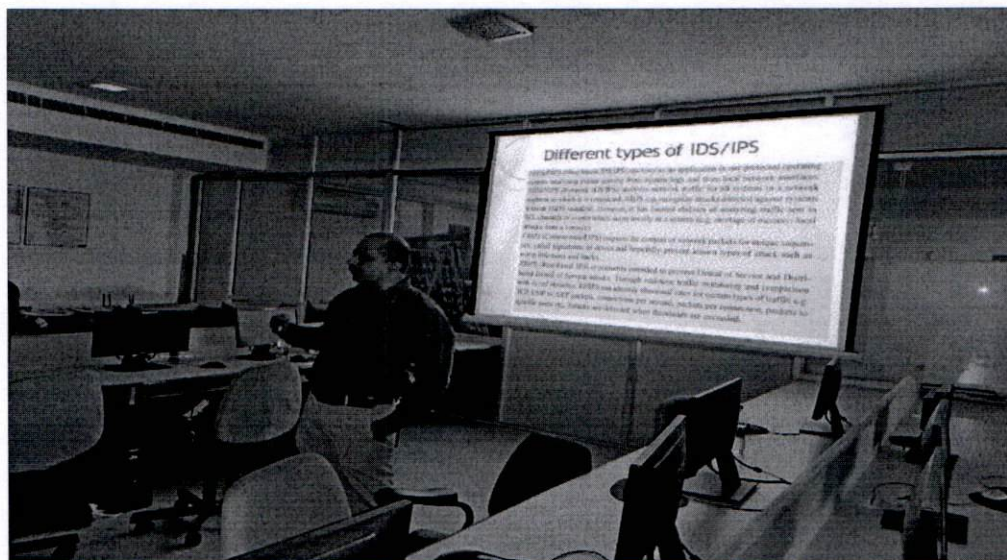
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Dr. Pradeep Kumar T S, Associate Professor, Dept. of CSE, VIT University, Chennai demonstrating "COOJA tool"

Day-6: 17.06.2019 (Monday)

Session 1: Dr. B. Satish Babu, Professor of CSE, R V College of Engineering, Belagavi delivered a session on "Security issues in Big Data and challenges". He explained security aspects of Big Data and finally highlighted the future scope of Big Data.



Dr. B. Satish Babu, Professor of CSE, R V College of Engineering, Belagavi delivered a session on "Security issues and Research challenges in Big Data"

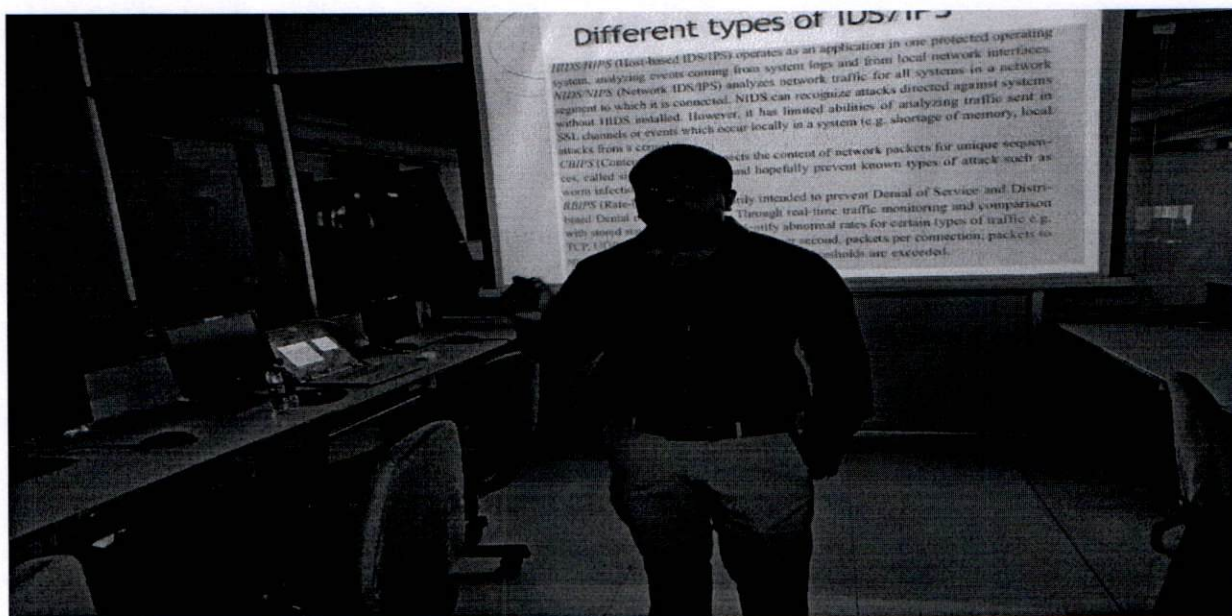


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Session 2: In continuation to the session 1, **Dr. B. Satish Babu**, delivered a session on "Research trends in Big data". He explained the new innovations and research advancement in big data.

Session 3: Dr. B. Satish Babu, delivered a lecture on "Machine learning approaches to solve Security attacks". He enlightened the participants about machine learning techniques such as reinforcement learning, adversarial machine learning, and deep learning to help detect, predict and solve e-crimes much faster rate. He also focused on offensive and defensive applications of machine learning to security.

Session 4: Dr. B. Satish Babu, delivered a lecture on "Research trends in Security". He helped the participants to understand the current research issues in the security.



Dr. B. Satish Babu, Professor of CSE, R V College of Engineering, Belagavi delivered a session on "Machine learning approaches to solve Security attacks"

Day-7: 18.06.2019 (Tuesday)

Session 1: Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad delivered a session on "Cloud Applications". He explained Large Scale Cloud Application, Innovative Cloud Applications and Experiences, Social and Mobile Clouds, Mobile Services and Cloud-Edge Applications.

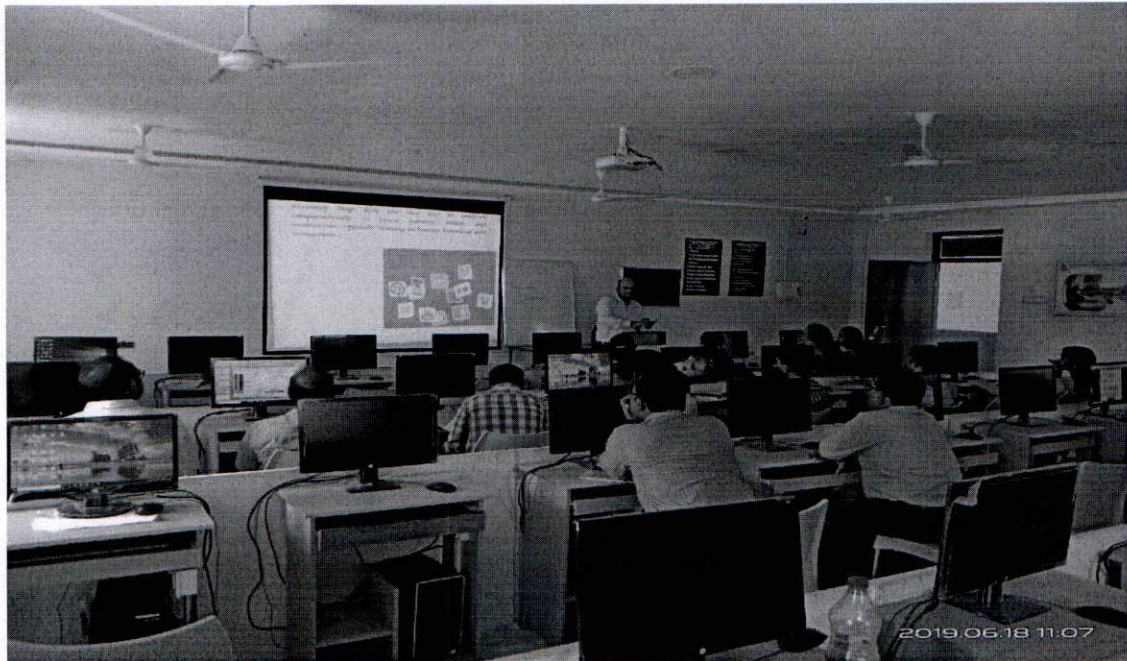
Session 2: Dr. Salman Abdul Moiz, delivered a session on "Cloud Trustworthiness". In which in discussed on Access Control, Authorization, Authentication, Cloud Assurance and Cloud Reliability, Safety.



B. S. Babu

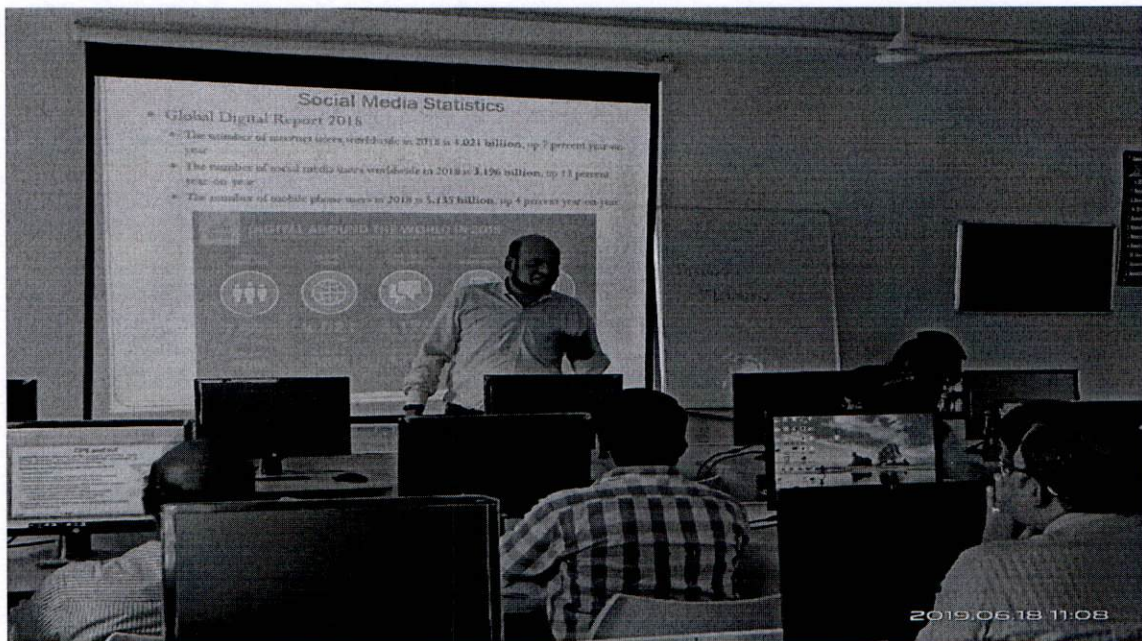
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Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad delivered a session on "Cloud Security"

Session 3: In continuation to the session 2, **Dr. Salman Abdul Moiz**, discussed Cryptographic Algorithms and Protocols, Cloud Security and Privacy, Dependable and Autonomic Clouds, Trusted Cloud Environments.



Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad delivered a session on "Research challenges in Cloud Security"

Session 4: Finally, **Dr. Salman Abdul Moiz** enlightened the participants, Security issues in the Cloud. This helped the participants to find the new problems in providing the security to the cloud.



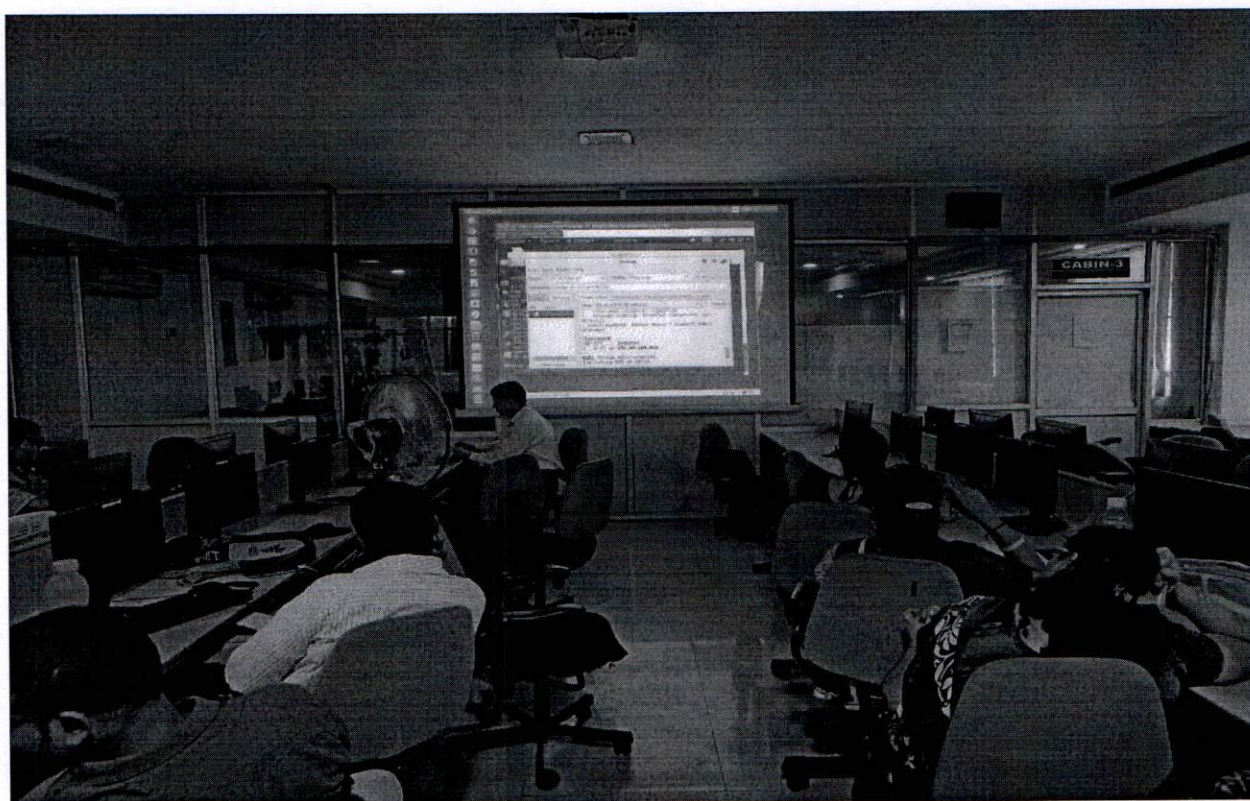
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Day-8: 19.06.2019 (Wednesday)

Session 1: Dr. Manish Kumar, Associate Professor of CSE, MSRIT, Bangalore delivered a session on "Ethical Hacking". He discussed and demonstrated how technology becomes vulnerable to cybercrime and how hackers exploit technological systems.

Session 2: Dr. Manish Kumar explained "vulnerability assessment". He had given the broad information regarding the process of defining, identifying, classifying and prioritizing vulnerabilities in computer systems, applications and network infrastructures. And also provided the necessary knowledge, awareness and risk background to understand the threats to its environment and react appropriately.

Session 3 and 4: Dr. Manish Kumar provided the hands on session on Metasploit tool for demonstrating the cyber-physical conjugation, cyber-social conjugation, cyber-mental conjugation.



Dr. Manish Kumar, Associate Professor of CSE, MSRIT, Bangalore delivered a session on "Metasploit tool".

Day-9: 20.06.2019 (Thursday)

Session 1: Dr. Manish Kumar, Associate Professor of CSE, MSRIT, Bangalore delivered a session on "Scanning". He discussed a set of procedures for identifying live hosts, ports, and services, discovering Operating system and architecture of target system, Identifying vulnerabilities and threats in the network.

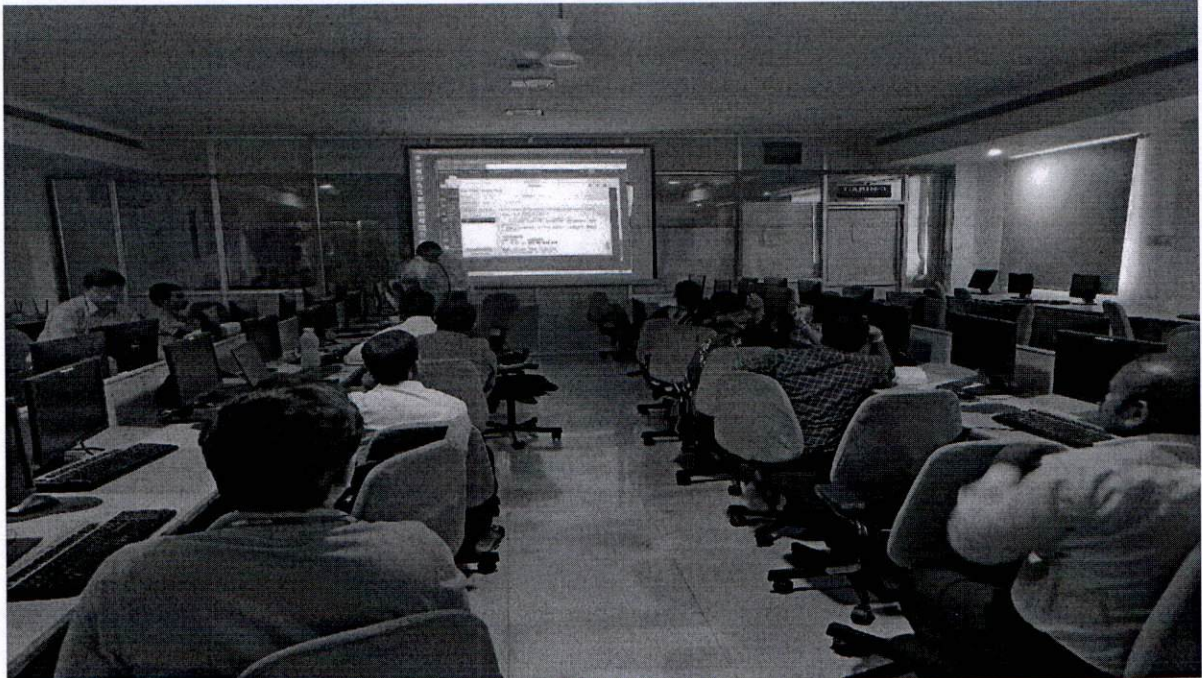



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Session 2: In continuation to the session 1, **Dr. Manish Kumar** explained the scanning tools such as Nmap.

Session 3: **Dr. Manish Kumar** delivered a lecture on Email Hacking. In which he explained the Tracing an Email Spam, Methods of Prevention the spamming and Detecting Fake Emails, Tracing Server variables.

Session 4: **Dr. Manish Kumar** provided broad information regarding the Session Hijacking, PHP Injection and SQL Injection. These techniques created interest among the participants and also made the subject matter easily comprehensible.



Dr. Manish Kumar, Associate Professor of CSE, MSRIT, Bangalore delivered a session on "Email Hacking"

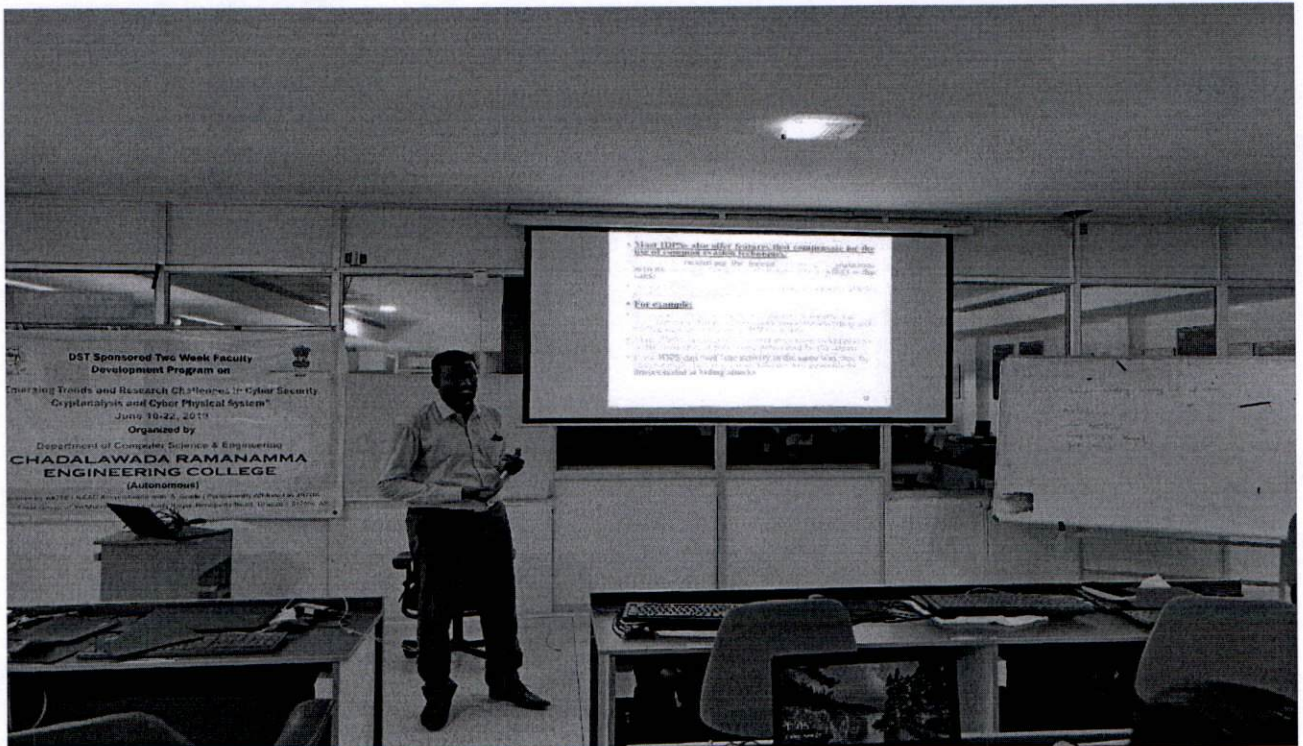
Day-10: 21.06.2019 (Friday)

Session 1: **Dr A Krishna Moorthy**, Associate Professor of CSE, VIT University, Vellore delivered a lecture on "Cryptanalysis and Attacks on Ciphers". Cryptanalytic attacks on block cipher algorithms will be discussed which includes Differential Attack and Quantum Chosen-Cipher text Attacks against Feistel Ciphers.

Session 2: In continuation to the session 1, Dr A Krishna Moorthy explained the designing of light weighted ciphers and usage of cryptographic algorithms in Cyber physical Systems.



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Dr A Krishna Moorthy, Associate Professor of CSE, VIT University delivered a lecture on "Cryptanalysis and Attacks on Ciphers"



B. Srinivas

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Valedictory Function

The honorable personalities present in the valedictory of FDP were Dr A Krishna Moorthy, Associate Professor of CSE, VIT University, Dr. Chadalawada Sucharitha, Chairman of CREC, Dr. S. Mallikarjunaiah, Principal , Mr. J. Nagamuneiah, Professor & Head of CSE, CREC and Mr K.Munivara Prasad, Convener of DST Programme.

The Convener of the FDP Mr. K. Munivara Prasad concluded the program with closing remarks and summarized the program. All the dignitaries present on the occasion appreciated the department of CSE for organizing the FDP. Certificates and course material were distributed to all participants. Finally the participants were asked to come on the dais and share their experience of the whole program. The program was ended on a happy note.

The following feedback was received from the participants:

1. 95% of the participants felt that delivery and presentation of the resource persons were good.
2. 90% of the participants were of the opinion that the FDP brought practical knowledge of the subject.
3. 90% of the participants felt that the FDP was coordinated very well.
4. Participants felt that such FDP should be organized for other subjects in the field of Computer Science and Information Technology.
5. More than 75% participants rated the FDP Excellent and 25% rated it as Very good.
6. Someone mentioned it is a motivation for the development of Security projects for Cyber Physical Systems.
7. Participants felt that the boarding and lodging facilities were highly satisfactory.
8. Some participants felt that more activity based sessions could be included.
9. One participant expressed that a few more case studies should have been included.




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Certificate Distribution to Participants

Outcomes:

All the sessions were very informative. Total 50 participants from the different indtitutution were attended and out of that 21 participants are from scheduled tribe. This FDP helped in equipping the participants particularly Scheduled tribe with knowledge and skills in Cyber Security, Cryptanalysis and Cyber Physical Systems. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advanced technologies in this domain. This in turn will help in research activity. The content knowledge of the given participants in the respective domains is updated. The participants were also given some exercises regarding the lecture of program. Last but not the least when the house was open for questions the participants were keen to ask and with the same level of enthusiasm they were justifiably answered by the expert speakers. This FDP will not only helped the participants in their curriculum and but also helped them to upgrade their knowledge and skills in the area of Cyber Security, Cryptanalysis and Cyber Physical Systems to motivate and guide students for development of projects related to Cyber Security, Cryptanalysis and Cyber Physical Systems.

On completion of this program, participants are

- i. Gained enhanced knowledge on significant theories, technology enablers, applications and devise new methods to overcome the major security problems in Internet, OSNs and Cloud computing.



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- ii. Acquired skills for designing of cloud and cybermatics and the implementation of their applications, protocols and Cyber security mechanisms to manage and control at different scales of systems, from local to global.
- iii. Identified the research problems to improve data processing in the hyper world and deals with the accompanying issues while producing numerous cyber things, such as security, reliability, and etc.
- iv. Acquired practical technologies and applications to provide foundational frameworks, new functions, and adaptive services across Clouds, IoT and cyber-physical-social systems.
- v. Interacted with all cyber-related researchers, engineers, and interested pioneers from both academia and industry, to know the future direction of cybermatics, and service provision in hyper space.
- vi. Acquired knowledge and expertise in cloud computing, Cybermatics and Social Networks to prepare curriculum for UG and PG.

Group Photo

Participants of DST Sponsored Two Week Faculty Development Program on "Emerging Trends and Research Challenges in Cyber Security, Cryptanalysis and Cyber Physical System"



We are thankful to all participants, speakers, who have attended this FDP enthusiastically without them our FDP couldn't be successful. We are thankful to DST for sanctioning the amount to conduct such programme. We extend our thanks to Management, Faculty of CSE, Mr. V. Sambasiva Reddy & Mr. A. N. Sreedhar, Coordinators of FDP, Teaching and Non - Teaching Staff of CSE who helped us to make this event a grand success.



B. S. Kumar

DIRECTOR

Chadalawada Ramanamma Engineering College
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Participants List

S.No.	Name of the Participants	Designation& Affiliation	Student/ Faculty	E-mail & phone	Caste
1.	V.V.Krishna Reddy	Asst.Professor Lakireddy BalireddyCollege of Engineering, Mylavaram	Faculty	Venkat.krishna669@gmail.com 8179990050	OC
2.	Lella Kranthi Kumar	Asst.Professor Lakireddy BalireddyCollege of Engineering, Mylavaram	Faculty	Kranthi1231@gmail.com 9550184380	ST
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4.	V.Siva Prasad	Asst.Professor Yogananda Institute of Technology and Science, Tirupati	Faculty	Velloresiva.5817@gmail.com 9666205260	OC
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6.	V.Ravi Teja	B.Tech Jawaharlal Nehru Technological University, Hyderabad	Student	Ravi4official@gmail.com 9573104431	OC
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12.	Dr. M. Rambabu Naik	Assoc.Professor, KKR & KSR Institute of Engineering, Guntur	Faculty	Princeram435@gmail.com 9642123604	ST



DIRECTOR

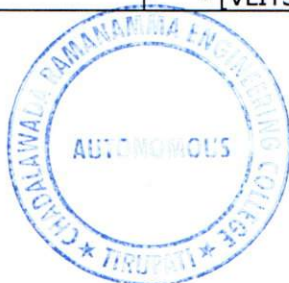
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S.No.	Name of the Participants	Designation& Affiliation	Student/ Faculty	E-mail & phone	Caste
13.	B. Nagaraju Naik	Asst.Professor, Chebrolu college of engineering, guntur	Faculty	Raja91bhukya@gmail.com 9160313608	ST
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33.	K. Koteswara Rao	Asst.Professor Sri Chundi Ranganayakulu Engineering College, Chilakaluripet	Faculty	Koti.iatkqp@gmail.com 8309672469	ST
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37.	A. Durga Bai	Asst.Professor, Vignan's Lara Institute of Technology & Science - [VLITS], Guntur	Faculty	amgothudurgabai@gmail.com 6281346695	ST




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44.	Y Saroja	Assistant Professor of CSE, Chadalawada Ramanamma engineering college, Tirupati	Faculty	Saroja.nba@gmail.com 9885747672	BC-B
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46.	K Prathima	Assistant Professor of CSE, Chadalawada Ramanamma engineering college, Tirupati	Faculty	Prathimareddy61@gmail.com 8500657363	OC
47.	Dr P Dileep Kumar	Associate Professor of CSE Chadalawada Ramanamma engineering college, Tirupati	Faculty	Dr.padidemdileep@gmail.com 9581396233	OC




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S.No.	Name of the Participants	Designation& Affiliation	Student/ Faculty	E-mail & phone	Caste
48.	B Vijaya	Assistant Professor of MCA Chadalawada Ramanamma engineering college, Tirupati	Faculty	Vijaya.battini@gmail.com 9492660315	OC
49.	T Lakshmi Prasanna	Assistant Professor of MCA Chadalawada Ramanamma engineering college, Tirupati	Faculty	Lakshmiprasanna54@gmail.com 9581709498	OC
50.	Dr. B.Shoban babu	Professor of ECE Sri Venkateswara Engineering college, karakambadi,Tirupati	Faculty	bshobanbabu@gmail.com 9440483373	ST

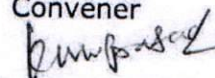



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List of Resource persons and Topics

S. No	Resource Person Name & Designation	Date	Topic Covered
1.	Anjaneyulu Pasala Innovation and Technology Leader. Principal Research Scientist at Infosys Bengaluru, Karnataka, India	10.06.2019(FN) (MON)	Cyber Security essential and importance and Requirements.
2.	Dr. C. Shoba Bindu Professor, Dept of CSE, JNTUA, Ananthapur, Andhra Pradesh,	10.06.2019(AN) (MON)	Cryptography fundamentals and Crypto systems, Research challenges in Cryptography and crypt Analysis.
3.	DR .S Shanmugan Professor of CSE. VIT University, Vellore	11.06.2019 (TUE)	Security Attacks, Security algorithm design issues, Cryptographic system, Cryptographic implementation.
4.	Dr. S. Magesh Associate Professor, Dept. of CSE, SRM University, Chennai	12.06.2019 (WED)	Security Perspective of CPS and Big data.
5.	Dr. Pradeep Kumar T S Associate Professor, Dept. of CSE, VIT University, Chennai	13.06.2019 (THU)	Security issues on Cyber security network cyber entities in cyberspace, cyber- physical conjugation,
6.	Dr. Pradeep Kumar T S Associate Professor, Dept. of CSE, VIT University, Chennai	14.06.2019 (FRI)	cyber-social conjugation, cyber- mental conjugation, and cyber- physical-social-mental Integration.
7.	Dr. B. Satish Babu Professor Of CSE R V College of Engineering. Belagavi	17.06.2019 (MON)	Security issues in Big Data and challenges, Machine learning approaches to solve Security attacks, Research trends in Bigdata and Security.
8.	Dr. SALMAN ABDUL MOIZ Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad	18.06.2019 (TUE)	Security issues in the Cloud and OSN
9.	Dr. Manish Kumar, Associate Professor of CSE Dept.of.CSE MSRIT, Bangalore	19.06.2019 (WED)	Ethical Hacking (Cyber Security and Vulnerability analysis).
10.	Dr. Manish Kumar, Associate Professor of CSE Dept.of.CSE MSRIT, Bangalore	20.06.2019 (THU)	Ethical Hacking, Cyber Security and Vulnerability analysis
11.	Dr A. Krishna Murthy Professor of CSE, VIT, Vellore	21.06.2019 (FRI)	Cryptanalysis and Attacks on Ciphers



Convener

(K Munivara Prasad)


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Dr. A Mukhopadhyay
Head
R&D Infrastructure Division
Email: tsd@nic.in
Tel. + Fax: 011-26602193

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विज्ञान और प्रौद्योगिकी विभाग
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GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhawan, New Mehrauli Road, New Delhi-110016

SR/FST/College - 098/2017

16th January 2018

Subject: Your Proposal under "FIST Program - 2017"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre / College for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in Level - 0/ Level-I / Level II category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

To strengthen Research Facilities in all Science departments of the College

[Being Private Institute, no Teaching support]

E - Rs 30 lakh for items to be identified for Research Facilities

Total : Rs 30.0 Lakh

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School/ College and actual cost of this project shall be firm-up based on these inputs from you. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/ Centre/ School/ College would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please upload the following documents **latest by before 5th February 2018 (Monday)** only through e-PMS webportal of the DST using the registered USER ID and PASSWORD:

- 1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submits quotations of the identified & prioritized Equipment only. Under 'Teaching Facility Support' for Colleges, only laboratory equipment to be utilized for experimental purposes shall be proposed. Teaching Aids like LCD Projector, Smart Boards etc. are out of scope under FIST support and shall not be projected by the College.
- 2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the Terms and Conditions of DST-FIST Program available at the Website: www.fist-dst.org.
- 3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.



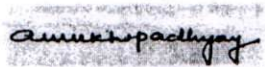

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Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

The Department/ Centre/ School or College who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: www.fist-dst.org.

Department/ Centres/ Schools/ College are also requested for sending all documents at one stage instead of sending in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School/ College would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department/Centre/School/ College deemed to be forfeited automatically for considering support under DST-FIST Program.

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. Please upload the above documents before 6th February 2018 (Monday). All documents will be required to upload only through e-PMS webportal of the DST. Documents may not be sent by E-mail for releasing fund.

With best regards,


(A. Mukhopadhyay)

To

Principal,
Chadalawada Ramanamma Engineering College,
Chadalawada Nagar, Renigunta Road, Tirupati,
Chittoor-517506,
Andhra Pradesh

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]




DIRECTOR
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Gmail

Mallikarjunaiah suluru <mallisuluru@gmail.com>

Your Proposal under "FIST Program - 2017"

pmsd.dst@nic.in <pmsd.dst@nic.in>
To: principal.p1@jntua.ac.in

Wed, Jan 31, 2018 at 12:47 PM

Department of Science & Technology

Subject: Your Proposal under FIST Program - 2017

Dear Dr. S MALLIKARJUNAIAH

Online Project Management System

www.onlinedst.gov.in | Email: pmsd.dst@nic.in

SR/FST/College - 098/2017

Subject: Your Proposal under "FIST Program - 2017"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre / College for support under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been identified for support in **Level-0** category by the DST based on the recommendations of the FIST Advisory Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

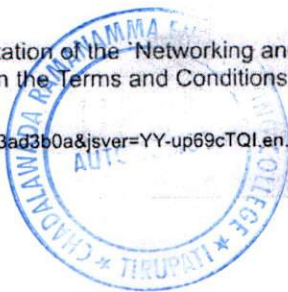
To strengthen Research Facilities in all Science departments of the College. [Being Private Institute, no Teaching support.] E – Rs 30 lakh for items to be identified for Research Facilities. Total : Rs 30.0 Lakh

It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School/ College and actual cost of this project shall be firm up based on these inputs from you. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School/ College would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1st installment of grant now, you are requested to please upload the following documents **latest by before 5th February 2018 (Monday) only through e-PMS webportal of the DST using the registered USER ID and PASSWORD:**

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2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the Terms and Conditions of DST-FIST Program available at the Website: www.fist-dst.org.

<https://mail.google.com/mail/u/0/?ui=2&ik=39b3ad3b0a&jsver=YY-up69cTQI.en&view=pt&msg=1614b127cbb6b7bd&q=pms&search=query&siml...> 1/2



DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.

The Department/ Centre/ School or College who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: www.fist-dst.org.

Departments/ Centres/ Schools/ College are also requested for sending all documents at one stage instead of sending in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School/ College would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department/Centre/School/ College deemed to be forfeited automatically for considering support under DST-FIST Program.

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. **Please upload the above documents before 5th February 2018 (Monday). All documents will be required to upload only through e-PMS webportal of the DST. Documents may not be sent by E-mail for releasing fund.**

With best regards.

(A. Mukhopadhyay)

To

Principal
Chadalawada Ramanamma Engineering College, Chadawalada Nagar, Renigunta Road, Tirupati,
Chittoor-517506, Andhra Pradesh

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]

This is an auto generated mail. No signature is required. Please do not reply

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DIRECTOR
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2/27/2018

Gmail - Re-Upload Financial quotation



Mallikarjunaiah suluru <mallisuluru@gmail.com>

Re-Upload Financial quotation

pmso.dst@nic.in <pmso.dst@nic.in>
To: principal.p1@jntua.ac.in

Thu, Feb 22, 2018 at 3:45 PM

Department of Science & Technology

Subject: Re-Upload Financial quotation

Dear Dr. S MALLIKARJUNAIAH

Online Project Management System

www.onlinedst.gov.in | Email: pmso.dst@nic.in

Dear Sir/Madam,

The Quotations uploaded by you needs further revision. so the same quotation has been reverted back. It is again reverted back due to reason below.

Reason : Upload a single PDF of the following documents in following order: Before 27/2/18 4.00 PM 1) list of research equipment's with cost(INR)/Budget summary (annex each quotations) 2) Terms and conditions with DST (format is available in FIST website) 3) PIG (project Implementation group signed by the principal please mention the coordinators name) 4) PFMS (Public Financial Management System) registration details 5) Saving bank account details copy of pass book/cheque 6) BOND in case of private institutes (50:50 Mode) format is available in FIST website

You may kindly re-upload all the necessary quotations (including all Equipments/NW/IF related items and other documents (T&C, PIG)) as single Pdf file within the maximum size of 2Mb by replacing the previous pdf file.

Please note, Kindly do not try to upload any brochure of the equipments/NW/IF item on this portal.

<https://mail.google.com/mail/u/0/?ui=2&ik=39b3ad3b0a&jsver=iEEFj798Mlw.en.&view=pt&msg=161bd0257d9c4899&q=PMSO&search=query&siml=161bd0257d9c4899>



Chaddalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

DIRECTOR



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to JNT University, Anantapur, A.P., Accredited by NAAC with "A" grade)

We are herewith furnishing the following details of the equipment with cost including GST for the four departments.

Ref: SR/FST/College-098/2017 dated 31-01-2018

S No	Department	Item Description	Unit Price (in Rs.)	GST (%)	Total Cost (in Rs.)
1	Electrical & Electronics Engineering	Thyristorised Drive for 1 Hp DC Motor with closed loop control, 1Hp DC Motor with loading arrangement.	1,20,000.00	18	1,41,600.00
2		3 phase Input Thyristorised Drive 3Hp DC Motor with Closed loop Control. 3Hp DC Motor with Mechanical Loading arrangement.	1,35,000-00	18	1,59,300.00
3		3 phase input IGBT, 4 Quadrant Chopper Drive for DC Motor with Closed loop control. DC Motor with Mechanical loading arrangement.	1,30,000-00	18	1,53,400.00
4		Synchronous Machine. Consists of a Panel Closed type with front Hylam sheet. 2ft ht x 4 ft wd x 200mm depth. MCB for Switching on with Indications and BTI – 30 terminals for Connections. 1 Phase Auto Transformer 6 amps – 1no. 3 Point Starter. Metering: 2ADC, 500VAC, 5AAC, 300VDC, 10ADC. DC Shunt motor coupled to 3 Phase Alternator. The motor and alternator are coupled with flexible coupling and fitted on MS Channel suitable frame with Anti Vibration Pads. Motor: 3 HP-220 volts DC – 1500 RPM. Alternator: 2 KW- 3 Ph, 6 wire and separately excited Field winding.	1,45,000-00	18	1,71,300.00

DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

PRINCIPAL

Chadalawada Nagar, Renigunta Road, Tirupati - 517 506. A.P.
Ph: 0877-6451118, 9246996118
Website : www.crectirupati.com, Email: info@crectirupati.com

An ISO 9001-2008 Certified Insitution

DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to JNT University, Anantapur, A.P., Accredited by NAAC with "A" grade)

5	Electronics and Communication Engineering	Signal Generator - Make Amitec	500,000.00	18	5,90,000
6		Spectrum Analyzer - Make Amitec	550,000.00	18	6,49,000
7	Mechanical Engineering	Measurement of Surface Roughness: "Mitutoyo" Portable Surface Roughness Tester. Along with standard accessories like display unit, drive unit, detector, <ul style="list-style-type: none">Carrying case, connecting cable (1meter), AC adopter, Roughness specimen and operation/user's manual	1,58,600.00	18	1,87,148
8		XL Mill MTAB Make, CNC Milling Machine MTAB industrial control, Model : XLMILL along with tooling package for Milling	7,30,500	18	8,61,990
9	Computer Science and Engineering	<ul style="list-style-type: none">HPE Proliant DL 580 Generation 9(GEN9)4 No's of INTEL ®XEON ® E7-4830V4(2.0GHz/14-core/35MB/115W)Processor kit20MB L3cache memory128GB with DDR4 RAM expandable upto 6TB memory	4,60,815	18	5,43,761
Total					34,57,499.00

S. Mohan

PRINCIPAL
CHADALAWADA RAMANAMMA ENGINEERING COLLEGE
TIRUPATI



B. Srinivas

DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

Chadalawada Nagar, Renigunta Road, Tirupati - 517 506. A.P
Ph: 0877-6451118, 9246996118
Website : www.crectirupati.com, Email: info@crectirupati.com

Chadalavada Ramanamma Engineering College

Receipt Voucher

No. : 324

Dated : 18-Sep-2018

Particulars	Amount
Account : Amount Received From Govt for Conference (FIST)	14,00,000.00
Through : STAT BANK OF INDIA 62302245982	
Amount (in words) : Indian Rupees Fourteen Lakh Only	
	<u>₹ 14,00,000.00</u>

Authorised Signatory



B. S. S. S.
DIRECTOR

Chadalavada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

Chadalavada Ramanamma Engineering College
STAT BANK OF INDIA 62302245982 Book

1-Apr-2018 to 31-Mar-2019

Page 1

Date	Particulars	Vch Type	Vch No./Excise Inv.No.	Debit	Credit
1-7-2018	To Indian Overseas Bank 3	Receipt	153	1,82,343.00	
6-8-2018	To Cash	Contra	23	5,000.00	
	By Bank Charges	Payment	682		59.00
✓ 18-9-2018	To Amount Received From Govt for Conference	Receipt	324	14,00,000.00	
28-9-2018	By Bank Charges	Payment	810		118.00
1-2-2019	By Bank Charges	Payment	1072		177.00
8-2-2019	By Indian Bank 2948(New)	Contra	74		15,00,000.00
	By Bank Charges	Payment	1083		59.00
12-3-2019	By Bank Charges	Payment	1121		649.00
				15,87,343.00	15,01,062.00
By Closing Balance					86,281.00
				15,87,343.00	15,87,343.00



B. Rama
DIRECTOR
 Chadalavada Ramanamma Engineering College
 (AUTONOMOUS)
 TIRUPATI

STATEMENT OF ACCOUNT

INDIAN BANK
CHADALAWADA NAGAR
RENIGUNTA ROAD
CHADALAWADA NAGAR
Branch Code: 1920
Phone No:

Account No : 668981294
Name : CHADALAWADA RAMANAMMA ENGINEERING COLLEG
Product : CA-GEN-PUB-METRO/URBAN-INR
CHADALAWADA NAGARRENIGUNTA ROAD
TIRUPATHI
CHITTOOR DISTRICT
AP.

Statement Start Date from:01/02/2019 to 28/02/2019

Date: 17/03/2021 Time: 17:41:27

Email:

Cleared Balance: 8,48,361.20 Uncleared Amount: 0.00

Limit: 0.00 Drawing Power: 0.00 Int.Rate in % p.a.: 14.70

Post Dt.	Value Dt.	Details	Chq No.	Debit	Credit	Balance
		BROUGHT FORWARD				31868.00Cr
04-02-2019	04-02-2019	BY CLEARING CHQ	387757		58000	89868.00Cr
SERVICE	BRANCH (STATE BANK OF INDIA				
		0290 CTS-CHQ:387757				
05-02-2019	05-02-2019	BY CASH DEPOSIT			190000	279868.00Cr
		Deposit by SELF				
05-02-2019	05-02-2019	DR THRU CHQ	416981	236400		43468.00Cr
		SALARIES				
06-02-2019	06-02-2019	BY CASH DEPOSIT			276020	319488.00Cr
		Deposit by SELF				
06-02-2019	06-02-2019	REMT THRU CHQ	416986	106006		213482.00Cr
		prajasakthi prin IDIBH19037447341				
06-02-2019	06-02-2019	BY CASH DEPOSIT			105700	319182.00Cr
		Deposit by SELF				
06-02-2019	06-02-2019	CHASE ACCM AMT		182		319000.00Cr
SERVICE	BRANCH (
08-02-2019	08-02-2019	BY VOUCHER TFR			1500000	1819000.00Cr
MUMBAI F	ORT	PRINCIPAL CHADAL RTGS -				
		SBINR5201902080010281				
		FRM 98905000120				
08-02-2019	08-02-2019	DR THRU CHQ	416987	1802155		16845.00Cr
		SALARIES				
12-02-2019	12-02-2019	BY CASH DEPOSIT			98780	115625.00Cr
		Deposit by SELF				
13-02-2019	13-02-2019	BY CASH DEPOSIT			42643	158268.00Cr
		Deposit by SELF				
13-02-2019	13-02-2019	REMT THRU CHQ	416988	138414		19854.00Cr
		THE REGISTRAR AF				
13-02-2019	13-02-2019	BY VOUCHER TFR			138400	158254.00Cr



B. Srinivas

DIRECTOR

Chadalaada Ramanamma Engineering College

(AUTONOMOUS)

TIRUPATI

MUMBAI F	ORT	IDIBH19044431298 THE REGIST ACCOUNT DOES NOT				
		FRM 89634000124				
14-02-2019	14-02-2019	BY CASH DEPOSIT			72500	230754.00Cr
		Deposit by SELF				
15-02-2019	15-02-2019	BY CASH DEPOSIT			52500	283254.00Cr
		Deposit by SELF				
16-02-2019	16-02-2019	BY CASH DEPOSIT			20000	303254.00Cr
		Deposit by SELF				
16-02-2019	16-02-2019	BY CHEQUE TFR	416990	35280		267974.00Cr
	BROUGHT FORWARD					267974.00Cr
SERVICE	BRANCH (GTPL BROADBAND PRIVATE LI				
16-02-2019	16-02-2019	BY CASH DEPOSIT			68275	336249.00Cr
		Deposit by SELF				
18-02-2019	18-02-2019	BY CASH DEPOSIT			20000	356249.00Cr
		Deposit by SELF				
18-02-2019	18-02-2019	BY CASH DEPOSIT			68000	424249.00Cr
		Deposit by SELF				
19-02-2019	19-02-2019	BY CASH DEPOSIT			95500	519749.00Cr
		Deposit by SELF				
20-02-2019	20-02-2019	BY CASH DEPOSIT			53600	573349.00Cr
		Deposit by SELF				
20-02-2019	20-02-2019	BY CASH DEPOSIT			150000	723349.00Cr
		Deposit by SELF				
20-02-2019	20-02-2019	CHASE ACCM AMT		100		723249.00Cr
SERVICE	BRANCH (
21-02-2019	21-02-2019	BY CASH DEPOSIT			100000	823249.00Cr
		Deposit by SELF				
21-02-2019	21-02-2019	BY CASH DEPOSIT			15000	838249.00Cr
		Deposit by SELF				
21-02-2019	21-02-2019	BY CASH DEPOSIT			10000	848249.00Cr
		Deposit by SELF				
21-02-2019	21-02-2019	BY CASH DEPOSIT			20000	868249.00Cr
		Deposit by SELF				
21-02-2019	21-02-2019	BY VOUCHER TFR			54000	922249.00Cr
ATM SERV	ICE BRAN	UPI TRANSFER/905260468676/Payment				
		FRM 97216019202				
22-02-2019	22-02-2019	DR THRU CHQ	416991	828410		93839.00Cr
		SALRIES				
22-02-2019	22-02-2019	BY CASH DEPOSIT			10000	103839.00Cr
		Deposit by SELF				
22-02-2019	22-02-2019	BY CASH DEPOSIT			34000	137839.00Cr
		Deposit by SELF				
25-02-2019	25-02-2019	BY CASH DEPOSIT			114800	252639.00Cr
		Deposit by SELF				
25-02-2019	25-02-2019	BY CASH DEPOSIT			150000	402639.00Cr
		Deposit by SELF				
	BROUGHT FORWARD					402639.00Cr
25-02-2019	25-02-2019	CHASE ACCM AMT		100		402539.00Cr
ATM SERV	ICE BRAN					




DIRECTOR
 Chadalawada Ramanamma Engineering College
 (AUTONOMOUS)
 TIRUPATI

STATEMENT OF ACCOUNT

INDIAN BANK
CHADALAWADA NAGAR
RENIGUNTA ROAD
CHADALAWADA NAGAR
Branch Code: 1920
Phone No:

Account No : 668981294

Name : CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

Product : CA-GEN-PUB-METRO/URBAN-INR

CHADALAWADA NAGARRENIGUNTA ROAD

TIRUPATHI

CHITTOOR DISTRICT

AP.

Statement Start Date from:01/02/2019 to 28/02/2019

ate: 17/03/2021 Time: 17:41:27

ail:

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		Deposit by SELF				
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		SALARIES				
06-02-2019	06-02-2019	BY CASH DEPOSIT			276020	319488.00Cr
		Deposit by SELF				
06-02-2019	06-02-2019	REMT THRU CHQ	416986	106006		213482.00Cr
		prajasakthi prin IDIBH19037447341				
06-02-2019	06-02-2019	BY CASH DEPOSIT			105700	319182.00Cr
		Deposit by SELF				
06-02-2019	06-02-2019	CHASE ACCM AMT		182		319000.00Cr
SERVICE	BRANCH (
08-02-2019	08-02-2019	BY VOUCHER TFR			1500000	1819000.00Cr
MUMBAI F	ORT	PRINCIPAL CHADAL RTGS -				
		SBINR5201902080010281				
		FRM 98905000120				
08-02-2019	08-02-2019	DR THRU CHQ	416987	1802155		16845.00Cr
12-02-2019	12-02-2019	BY CASH DEPOSIT			98780	115625.00Cr
		Deposit by SELF				
13-02-2019	13-02-2019	BY CASH DEPOSIT			42643	158268.00Cr
		Deposit by SELF				
13-02-2019	13-02-2019	REMT THRU CHQ	416988	138414		19854.00Cr
		THE REGISTRAR AF				
13-02-2019	13-02-2019	BY VOUCHER TFR			138400	158254.00Cr



Raman
DIRECTOR
Chadalaawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

26-02-2019	26-02-2019	BY CASH DEPOSIT			112000	514539.00Cr
		Deposit by SELF				
28-02-2019	28-02-2019	REMT THRU CHQ	416995	90125		424414.00Cr
		YOGA BOOK CENTRE				
28-02-2019	28-02-2019	DR THRU CHQ	416993	403000		21414.00Cr
		SALARIES				
	CLOSING BALANCE :	Dr. Count: 11	Cr. Count:	3640172	3629718	21414.00Cr




DIRECTOR
 Chadalawada Ramanamma Engineering College
 (AUTONOMOUS)
 TIRUPATI

CHADALAWADA RAMANAMMA ENGINEERING COLLEGE
(AUTONOMOUS)

Chadalawada Nagar, Renigunta Road, Tirupati – 517 506

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

DST/FIST/2018/CREC/ECE

Details of Equipments & Utilization

S. No.	Name of the Equipment	Specifications	Purpose	Total No. of students used this facility so far	
1.	Spectrum Analyzer	Frequency Range: 0.15 MHz to 1.050GHz Frequency Scan width: 100KHz/div to 100 MHz/div Resolution: 400KHz Sensitivity: <5dB	Spectrum Analyzer is used to measures the Power, magnitude of an input signal and frequency. It is used to find the power spectral components of an input signal.	2019-20	120
				2020-21	240
				2021-22	120
				Total	480
2.	RF Signal Generator	DFG-2M-1 Signal Generator Frequency Range: 0.2Hz to 2MHz Amplitude (Peak to Peak): 2V to 20V Duty cycle: 80%	RF Signal Generator is used to measure the Amplitude of different signals like sinusoidal, Step and Triangular signals of frequency up to 2MHz.	2019-20	120
				2020-21	240
				2021-22	240
				Total	600



[Signature]
HOD-ECE

HEAD
Department of
Electronics & Communication Engineering
Chadalawada Ramanamma Engg. College
(AUTONOMOUS)
Tirupati - 517 506, A.P. India.

[Signature]
DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

Chadalawada Nagar, Renigunta Road, Tirupati – 517 506

DEPARTMENT OF MECHANICAL ENGINEERING

DST/FIST/2018/CREC/MECH

Details of Equipments & Utilization

S. No	Name of the Equipment	Equipment Specification	Purpose of Equipment	Total No. of students used this facility so far	
1.	CNC MILLING MACHINE	Working strokes Longitudinal traverse(X): ≥ 800 mm Vertical traverse(Y): ≥ 550 mm Transverse traverse(Z): ≥ 550 mm Speed of rotary table for cutting and rapid: ≥ 20 RPM Machine accuracies: All accuracies should be in accordance ASTM Spindle Power: 30min/100% duty cycle $\geq 15/11$ KW	CNC milling is a machining process which employs computerized controls and rotating multi-point cutting tools to progressively remove material from the work piece and produce a custom-designed part or product.	2019-20	82
				2020-21	120
				2021-22	93
				Total	292
2.	SURFACE ROUGHNESS TESTER	Gauge Measuring Range: 400 μ m Gauge Resolution: 50 nm Gauge Noise floor (Ra): 150 nm Gauge Repeatability (Ra): 0.5 % of value Gauge measurement type: Skidded Analysis parameter: Ra, Rz and Rq	Roughness is an important parameter when trying to find out whether a surface is suitable for a certain purpose. Rough surfaces often wear out more quickly than smoother surfaces. Rougher surfaces are normally more vulnerable to corrosion and cracks, but they can also aid in adhesion. A roughness tester is used to quickly and accurately determine the surface texture or surface roughness of a material. A roughness tester shows the measured roughness depth (Rz) as well as the mean roughness value (Ra) in micrometers or microns.	2019-20	82
				2020-21	120
				2021-22	93
				Total	292




DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI


HOD-MECH
HEAD

Dept. of Mechanical Engineering
Chadalawada Ramanamma Engg. College
Tirupati-517506, A.P. (India)



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur, A.P
Accredited by NAAC with "A" Grade, An ISO 9001 - 2015 Certified Institution

24/5/2022

Department of Computer Science and Engineering

DST/FIST/2018/CREC/CSE

Details of Equipment

S No.	Name of the Equipment	Specifications	Purpose	Total number of students /faculty used this facility so far
1.	Computer Server	HP Server (proliant DL 580 generation 9(GEN9) 4 nos INTEL XEON E 7-4830V4(2.0G HZ/14-core/35MB/1 15W/Process or Kit 20 MB L3 Cache memory 128 GB with DDR4 RAM expendable up to 6TB memory)	<ol style="list-style-type: none">1. To create client server model for Oracle, rationale rose, Hadoop and mobile application development2. System administration purposes where 120 systems are connected in LAN for<ol style="list-style-type: none">A. Students' login creationB. Serving all students with all software systems available in LAN such as Compilers and Packages.C. Monitoring all students' activities on systemsD. Giving an access to all systems to all students in the laboratory in a controlled manner.	60 students in each laboratory and total there are 6 laboratories where in this server is used for.



Ramanna
DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

HOD- CSE


A. Ramana Mohan Reddy
HEAD

Dept. of Computer Science and Engg.
Chadalawada Ramanamma Engg. College
TIRUPATI-517 506, A.P., (India).



MIRACLE INSTRUMENTS

INVOICE

To, Chadalawada Ramanamma Engineering College		Invoice No: 008/sec/MI/2018-2019 Date: 16/02/2019	
Address: Renigunta Rd, Chadalawada Nagar, Tirupati, Andhra Pradesh 517506			
SL.NO	DESCRIPTION	QUANTITY	Total IN RS.
1	Cnc milling machine	1	1050000.00
2	Surface rough	1	185000.00
TOTAL			1235000.00
Gst18%			222300.00
transport			5000.00
Grand Total			1462300.00
IN WORDS: RUPEES fourteen lakhs sixty two Thousand three hundred only			
Name: - DENA BANK			
Account Name :- MIRACLE INSTRUMENTS			
ACCOUNT NO:-179711031112			
Branch: - A S RAO NAGAR, Hyderabad.			
IFSC CODE OF BANK:- BKDN0631797			
Prepared by :		for, MIRACLE INSTRUMENTS	
Signature			
Checked by :		Authorized Signatory	




DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

No: 40-241/2, Lane No:3, Yousufguda, Ameerpet, HYDERABAD – 500 045

Ph: 85550 21023 Email: miracleinstruments189@gmail.com



3R CUBE INNOVATIVE SYSTEMS

Invoice

invoice No: - EEE/3RC095/18-19

Date: - 18.02.2019

To

Chadalawada Ramanamma Engineering College,

Address: Renigunta Rd, Chadalawada Nagar,

Tirupati,

Andhra Pradesh 517506.

S.No	items	QTY	PRICE
1	Spectrum analyzer	1	210000.00
2	Signal genarator	1	85000.00
Total			295000.00
Gst18%			53100.00
Transport			5000.00
Grand total			353100.00

INORDS: Three lakhs fifty three thousand one hundred only

ACCOUNT NAME: 3R CUBE INNOVATIVE SYSTEMS

ACCOUNT NUMBER: 032711100007125

ACCOUNT BRANCH: KAPRA SAINIKPURI, Hyderabad

IFSC CODE: ANDB0000327

Prepared by :

for, 3R CUBE INNOVATIVE SYSTEM

Signature

Authorized Signatory

Checked by :



B. Srinivas
DIRECTOR

Chadalawada Ramanamma Engineering College

(AUTONOMOUS)

Head Office: 10-1-492, Khairatabad, Hyderabad, TELANGANA - 500 004
Branch Office: 133, Milk Colony, Malleswaram West, Bangalore, KARNATAKA - 560 021

MOB: 98660 9000 37 Email: 3rcubeinnovativesystems@gmail.com

Website: www.3rcubeinnovativesystems.com



GFR 12 – A

[(See Rule 238 (1))]

FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2020-21 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme: FIST (SR/FST/College-2017/98 Dt: 12.09.2018)
2. Whether recurring or non-recurring grants: Non Recurring Grant
1. Grants position at the beginning of the Financial year :2018-19
 - (i) Cash in Hand/Bank
 - (ii) Unadjusted advances
 - (iii) Total Rs.14,00,000/-
2. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
-	-	-	Sanction No. (i)	Date (ii)	Amount (iii)	-	-	-
			-	-	-			

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total
-	-	-	-
-	-	-	-

Details of grants position at the end of the year

- (i) Cash in Hand/Bank : -
- (ii) Unadjusted Advances : -
- (iii) Total : -




DIRECTOR
 Chadalawada Ramonamma Engineering College
 (AUTONOMOUS)
 TIRUPATI



GENERAL FINANCIAL RULES 2017
Ministry of Finance
Department of Expenditure

FORM GFR 12

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under FIST (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 06/11/2021

Place: Tirupati

Signature

Name
Chief Finance Officer
(Head of the Finance)



(Strike out inapplicable terms)



Signature

Name
Head of the Organization

DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

FIST Program

STATEMENT OF EXPENDITURE (2 copies) **(for the Year of 1st April, 2018-19 to 31st March, 2021)**

1. Sanction Order No. & Date: SR/FST/College-2017/98 Dt: 12.09.2018.
2. Total Sanctioned Project Cost (in Rs): 30,00,000/- (Rs.16,00,000/- from DST & Rs.14,00,000/- from Institute)
3. Date of Commencement of the Project: 20.02.2019.
4. Grant Received in each year (in Rs):

1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Interest, if any	Total
Rs.14,00,000 on 18.09.2018	-	-	-	-	-	Rs.14,00,000/-

5. Statement of Expenditure

Sr. no.	Sanctioned Budget Heads	Allocation of Funds (in Rs)	Expenditure incurred (Financial year-wise) (in Rs)						Balance as on 1 st April, 2021 (in Rs)	Remarks, if any
			1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total		
1	Equipment (E)	1 st Year (2018-19) Rs.14,00,000/- Rs. 4,00,000/- 2 nd Year (2019-20) Rs. 2,50,000/- 3 rd Year (2020-21) Rs. 2,50,000/- 4 th Year (2021-22) Rs. 3,50,000/- 5 th Year (2022-23) Rs. 3,50,000/-	Rs.14,62,300/- Rs. 3,53,100/-	-	-	-	-	Rs.18,15,400/-		Proposed to spend in 2021-22 & 2022-23 to complete the project.
2	Net Working & Computational Facilities (NW)									
3	Infrastructure Facilities (IF)									
4	Maintenance (M)									
5	Total	Rs.30,00,000/-	Rs.18,15,400/-	-	-	-	-	-	Rs.11,84,600/-	

B. m. J.
Name & Signature
of Head of Department/
Project Coordinator

Date:

Note:

1. Expenditure under the sanctioned Heads, at any point of time should not exceed funds allocated under that Head, without prior approval of DST.
2. Utilization Certificate for each financial year ending 31st March has to be enclosed along with request for carry forward permission to next year.

LA - [Signature]
Name & Signature of Competent
Financial Authority

Date: 06/11/2021



[Signature]
DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



GENERAL FINANCIAL RULES 2017
Ministry of Finance
Department of Expenditure

FORM GFR 12

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under FIST (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
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- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 06/01/2021

Place: Tirupati

Signature

[Signature]

Name
Chief Finance Officer
(Head of the Finance)



(Strike out inapplicable terms)



Signature

[Signature]

Name DR. BHASKAR PATEL
Head of the Organization

DIRECTOR
DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

[Signature]
DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



GFR 12 – A

[(See Rule 238 (1)]

FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2018-19 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme: FIST (SR/FST/College-2017/98 Dt: 12.09.2018)

2. Whether recurring or non-recurring grants: Non Recurring Grant

3. Grants position at the beginning of the Financial year :2018-19

- (i) Cash in Hand/Bank
- (ii) Unadjusted advances
- (iii) Total Rs.14,00,000/-

4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2- 3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
-	-	-	Sanction No. (i)	Date (ii)	Amount (iii)	Rs.14,00,000 /-	Rs.18,15,400/-	Rs.4,15,400/-
			SR/FST/College-2017/98	12.09.2018	Rs.14,00,000/-			

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
-	-	1. Rs.14,62,300/-	1. Rs.14,62,300/-
-	-	2. Rs. 3,53,100/-	2. Rs. 3,53,100/-

Details of grants position at the end of the year

- (i) Cash in Hand/Bank : -
- (ii) Unadjusted Advances : -
- (iii) Total : -



DIRECTOR
 Chadalawada Ramanamma Engineering College
 (AUTONOMOUS)
 TIRUPATI



GENERAL FINANCIAL RULES 2017
Ministry of Finance
Department of Expenditure

FORM GFR 12

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

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Date: 06/11/2021

Place: Tirupati

Signature

[Signature]

Name

Chief Finance Officer
(Head of the Finance)



(Strike out inapplicable terms)



Signature

[Signature]

Name

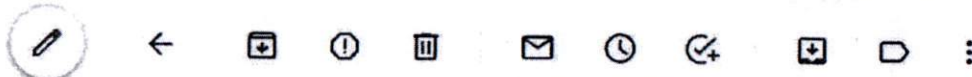
DR. BHASKAR PATEL

Head of the Organization

DIRECTOR
DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

[Signature]

DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



Documents for **FIST** Project No. SR/FST/College-2017/98

External

Inbox x

Shubham Goel goel.shubham@gov.in via gov.in
to me, mohanphy57, c.sucharitha9, Arindam

Sir,

This has reference to DST **FIST** Project No. SR/FST/College-2017/98, awarded to your college dated 12.09.2018. It may kindly for processing your case for the next release of grants:

- **Utilization certificates - Financial year-wise** UCs for the year 2018-2019, 2019-2020 and 2020-2021. Make sure Statement of expenditure (SoEs), all the UCs should contain interest amount. **Separate UCs for DST and College** available at www.fist-dst.org under Formats menu, **GFR 12A format**
- **Statement of Expenditure** – Consolidated from the date of start of project till **31st March 2021** (Format available at [www](http://www.fist-dst.org))
- Copies of **Invoices** pertaining to the equipment procured.
- Following 20 years of successful implementation of the **FIST** Scheme, a dedicated logo befitting the prestigious scheme represent the scheme guidelines/ objectives in context of the contemporary S&T infrastructure needs of the Nation towards the accessibility of the research infrastructure not only for R&D activities in academic organizations but also for use by the College need to place the **FIST** Logo appropriately over the **FIST** supported equipment and also display the Public Notice attached). The College also needs to connect with the I-STEM (Indian - Science Technology and Engineering) the utility and availability of slots of different facilities in their premises, for sample analysis by researchers outside the college.
- **Please provide a progress report in DST format (Cost-wise Equipment details with photographs and Asset details)** logo should be visible in the photographs. Also send photograph of the **FIST** Public Notice displayed outside the **FIST** facility.
- Now, it is mandatory to show interest accrued on project grant in Utilization Certificate in Column No. 2 (<http://www.bharatkosh.gov.in>) and has to be mentioned in column No. 3 in GFR 12A. Kindly prepare the UCs accordingly.
- Although, you may deposit the total accrued interest in one transaction in Bharatkosh, each financial year-wise UCs should show in that particular FY only. **Do NOT mention the entire amount in any single UC.**

Kindly take it as **MOST URGENT** and send us the **single PDF File** of all above mentioned documents along with the receipt generated.

Regards



DIRECTOR
Chodanawada Ramakrishna Engineering College
(AUTONOMOUS)
TIRUPATI



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur, A.P
Accredited by NAAC with "A" Grade, An ISO 9001 - 2015 Certified Institution

16/12/21

To
The Senior Audit officer
SSAP 02
Office of the PAG (Audit), AP
Vijayawada.

Res Sir,

Sub: Submission of the documents for FIST project No.SR/FST/College-2017/98-called for

Ref: Letter no. PAG(AU)/AP/SSAP-02/2021-22/AE no.01 dated 16th Dec 2021

This has the reference to Department of Science and Technology (DST) Project No. SR/FST/College-2017/98 dated 12.09.2018 wherein our college was awarded grants under Funds released for Improvement of Science and Technology (FIST). In this connection, the following documents/status of implementation of the Project by our college for the period 2018-19 to 2020-21 is furnished as below.

- (i) Copies of Utilisation Certificate submitted to DST along with Statement of Expenditure for the period 2018-19 to 2020-21 both in respect of grants released by DST and college contribution. If not submitted the reasons for delay in submission may be stated.
Enclosed as Annexure- I along with this reply
- (ii) The details of interest earned out of the grants during the period 2018-19 to 2020-21 may be furnished. Whether the interest earned have been utilized or credited to Bharatkosh. If utilized the details thereof may be furnished.
Since the amount of Rs 14,00,000/- sanctioned by the DST/FIST was spent within three months of the receipt there was no interest component accrued for the same and hence the interest earned was not credited to Bharatkosh.
- (iii) The Statement of Expenditure should contain the details of expenditure from the commencement of the Project to 31 March 2021, separately for both DST and college contribution.
Enclosed as Annexure -II along with this reply.
- (iv) Copies of invoices/purchase orders pertaining to the procurement made out of the grants and contribution of the college.
Enclosed as Annexure -III along with this reply.




DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



CHADALAWADA RAMANAMMA ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur, A.P.
Accredited by NAAC with "A" Grade, An ISO 9001 - 2015 Certified Institution

- (v) Whether the FIST logo was embossed on the equipment procured from FIST grant. If so, photograph copies of the same may be furnished.

It was made available at the time of the installation of the equipment which is not clearly visible and we shall get it done now again.

- (vi) Whether the college was connected with Indian- Science Technology and Engineering Facilities map portal. If so, the details thereof may be furnished.
The institute has so far not been connected on to the Indian- Science Technology and engineering Portal.

vii) Annual accounts for the years 2018-19, 2019-20 and 2020-21

Enclosed as Annexure -IV along with this reply. For 2020-21 it is being prepared
2018-19 & 2019-20 enclosed.

The above information is submitted as per the available records of the institute.

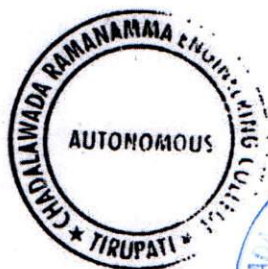
Yours faithfully,


(Dr. Bhaskar Patel)

Principal & Director
DIRECTOR

Chandalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

1. Enclosures as indicated above




DIRECTOR

Chandalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

TAX INVOICE

Ram Hi-Tech Solutions Pvt. Ltd.
8-3-219/6, Srinivasa Nagar West, Ameerpet
Hyderabad 500038
Phone: 040 23745930, +91 9248005202

Invoice No. HYD/2122/326

Invoice Date 24/01/2022

Ref. No.

Ref. Date

GSTRN: 36AADCR0009A1Z6 PAN: AADCR0009A

Bill To
C V S KRISHNA MURTHY
TEJACHARTIES
CHADALAWADA NAGAR,
RENIGUNTA ROAD,
TIRUPATHI
Phone :

Ship To
C V S KRISHNA MURTHY
TEJACHARTIES
C R Engineering College,
Chadalawada Nagar, Renigunta
Road, Tirupathi,

Delivery Challan Date

Delivery Challan No.

Buyer PAN No. AAATC1439M

Buyer GSTRN No. 37AAATC1439M1ZM

S No.	Description	HS / SA Code	Rate	Qty	Amount	IGST		Total
						Rate	Amount	
1	HP Server with Acceseries	84713010	116,000.00	4	464,000.00	18%	83,520.00	547,520.00

Sub Total 464,000.00

CGST .00

SGST .00

IGST 83,520.00

Total Amount 547,520.00

Terms and Conditions:

- 1) Goods once sold will not be taken back
- 2) 24% Penal Interest will be charged for delayed payments
- 3) We are not responsible for leakage or shortage of shipment after delivery
- 4) Burns and Physical damages not covered under warranty
- 5) All disputes are subject to Hyderabad Jurisdiction only.

Bank Details

Ram Hitech Solutions Pvt Ltd.
SBI, Balkampet Branch
A/C: 10123098887, IFSC: SBIN0003607

The above goods received in good condition

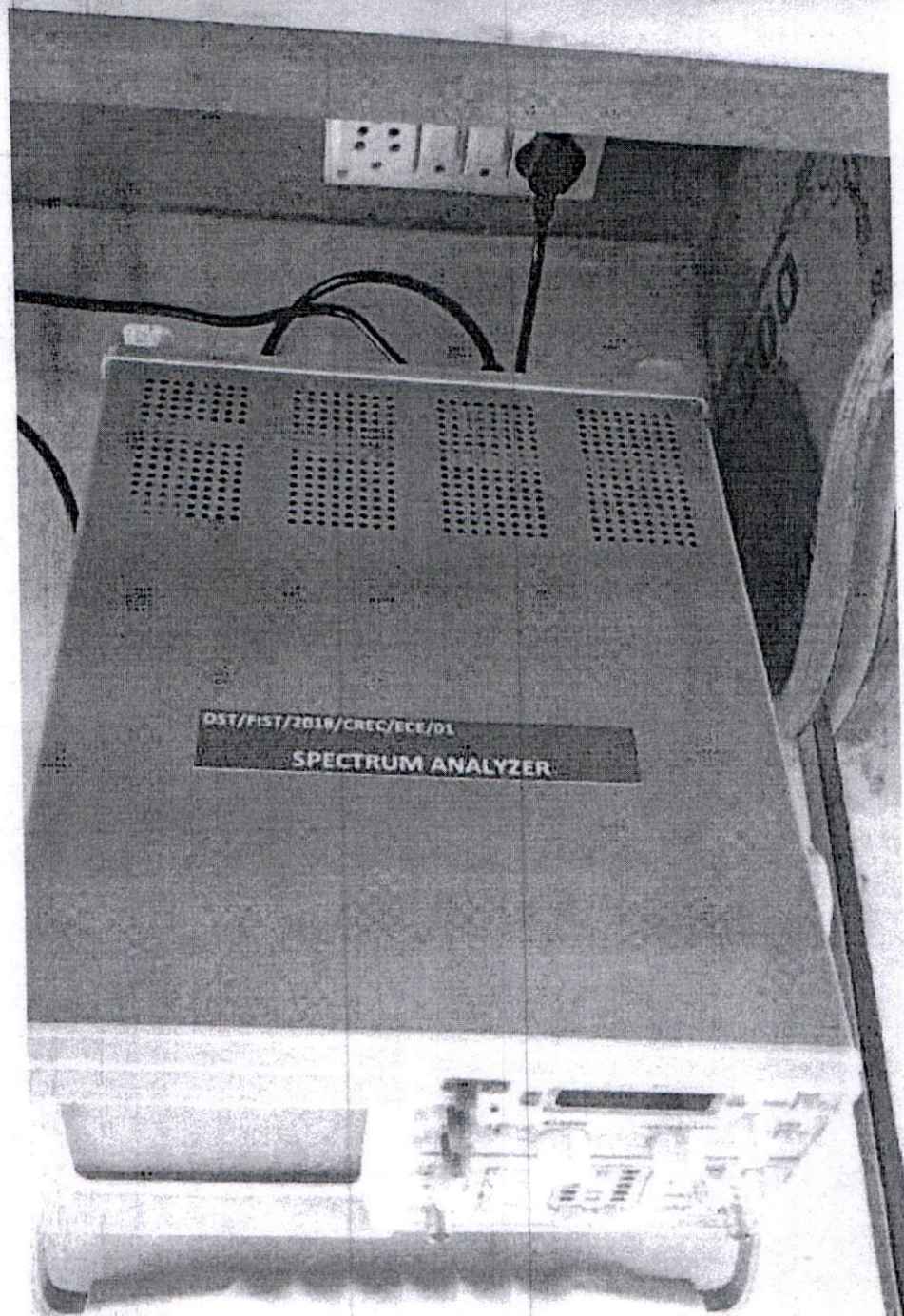
Receiver Signature with seal



Authorised Signatory



Burman
DIRECTOR
Chadalawada Ramanna Engineering College
(AUTONOMOUS)
TIRUPATHI



Chennai - Anantapur Hwy, Tirupati, Andhra Pradesh 517520, India

Latitude

13.631188°

Longitude

79.477071°

LOCAL 14:16:02

GMT 08:46:02

SATURDAY 11.06.2021

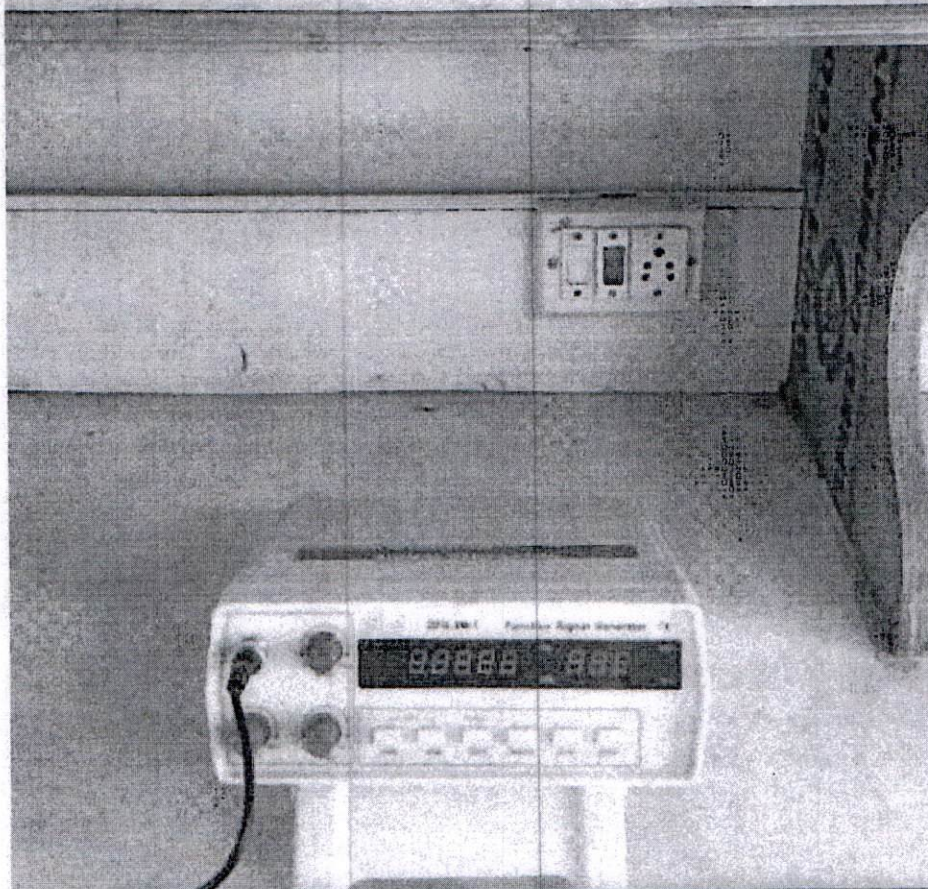
ALTITUDE 158 METER


DIRECTOR

Chadalawada Ramanna Engineering College
(AUTONOMOUS)
TIRUPATI

DST/FIST/2018/CREC/ECE/02

SIGNAL GENERATOR



Chennai - Anantapur Hwy, Tirupati, Andhra Pradesh 517520, India

Latitude

Longitude

13.631249°

79.477026°

LOCAL 14:18:52

SATURDAY 11.06.2021

GMT 08:48:52

ALTITUDE 158 METER

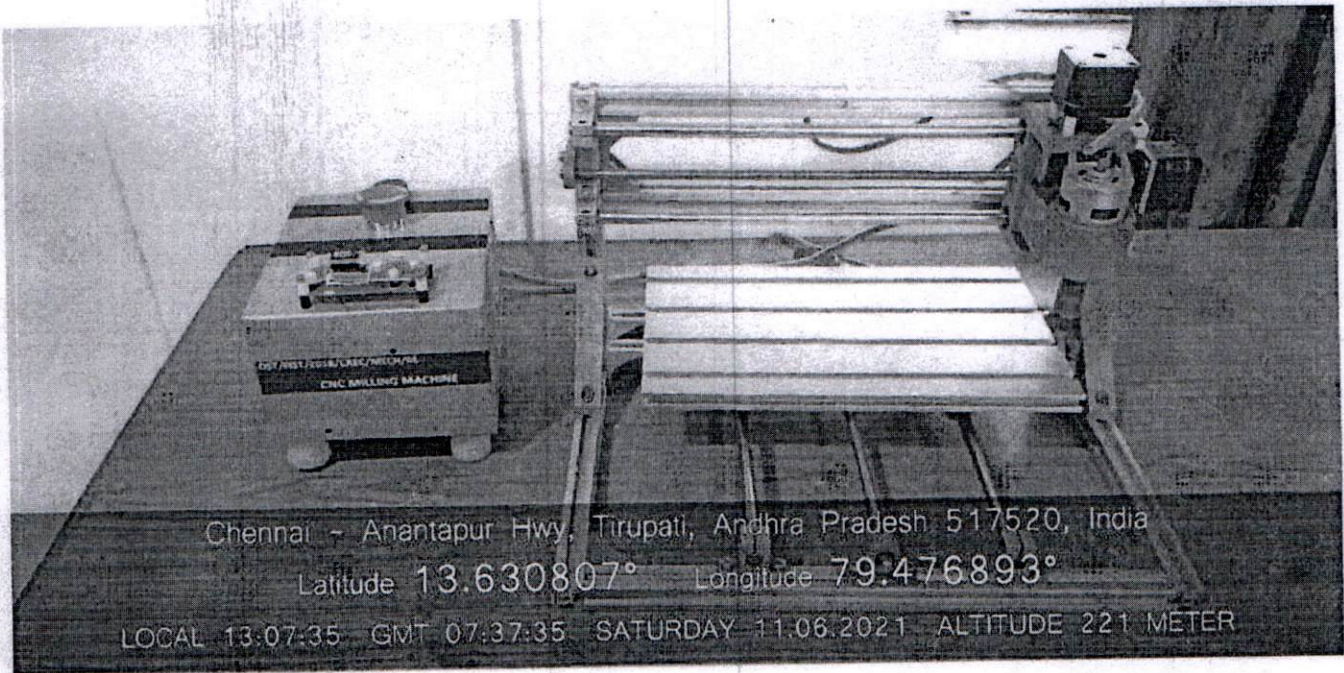


Burman

DIRECTOR

Chadalawada Ramanamma Engineering College
(AUTONOMOUS)

TIRUPATI



Chennai - Anantapur Hwy, Tirupati, Andhra Pradesh 517520, India

Latitude 13.630807° Longitude 79.476893°

LOCAL 13:07:35 GMT 07:37:35 SATURDAY 11.06.2021 ALTITUDE 221 METER



Bunna
DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI

DST/FIST/2018/CREC/MECH/01
CNC MILLING MACHINE

JFJG+H32, Tirupati, Andhra Pradesh
517520, India

Latitude

13.631860°

Longitude

79.474783°

LOCAL 13:06:29

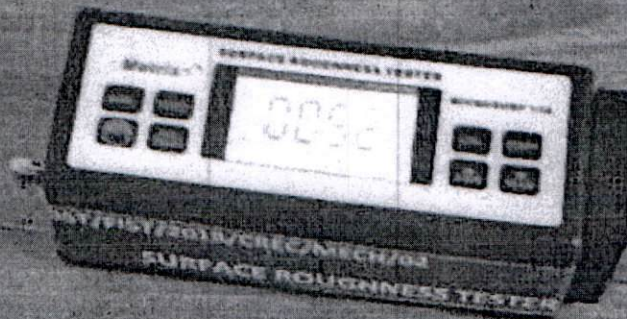
GMT 07:36:29

SATURDAY 11.06.2021

ALTITUDE 221 METER




DIRECTOR
Chadalawada Ramanamma Engineering College
(AUTONOMOUS)
TIRUPATI



Tiruchanur, Venkatapuram, Andhra Pradesh
517520, India

Latitude

Longitude

13.630953°

79.477380°

LOCAL 14:46:23

SATURDAY 11.06.2021

GMT 09:16:23

ALTITUDE 156 METER



Bhuvan

DIRECTOR

Chadalawada Rameswaram Engineering College
(AUTONOMOUS)
TIRUPATI