

**3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five**

Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.
Dr.K.Vaidehi	AI and Machine learning	IIITDM, JABALPUR	6 DAYS	2019	Rs.1,01840/-
A. Gopala Sharma	ECE-FDP(ICT tools for teaching, Learning Process and Institutes)	IIIT DM, Jabalpur	13th-17th January 2020	2020	Rs. 84,200 /-
Dr K.Rama Krishna	IT-FDP(Natural Languae Processing)	IIIT DM, Jabalpur	6th-10th January 2020	2020	Rs.1,05000/-
A. Gopala Sharma	IOT and Smart Sensors Lab	AICTE	2020-21 to 2021-22	2020	Rs.13,27,294 /-
Dr.B.V.RamanaMurthy	Data Supervision and Computing lab	AICTE-Modrobs	2 years	2020	Rs.11,22,745/-
Dr.K.Vaidehi	National Conference for Women on Innovations in Science Engineering & Technology.	AICTE-Conference	2 days	2021	Rs.1,63,333/-
Dr. G. Karthik	SPICES	AICTE	2021-22	2022	Rs.1,00,000 /-
Dr. G. Karthik	ATAL-FDP-Advances in Electronics and Communication Engineering for Industrial Applications	AICTE	2021-22	2021	Rs.93,000/-
Dr K.L.Vasundhara	ATAL-FDP-Role of Mathematics in Future Technologies	AICTE	2021-22	2021	Rs.93,000/-

3.2.1 contd...

Dr. G. Padmasree	Effect of Neodymium(Nd) and Praseodymium (Pr)doping on structural,magnetic, electrical,magnetic, electrical,dielectric, optical and Mossbauer properties of YFeO <sub>3</sub>	UGC DAE CSR	3 years	2021	Rs. 2,58,000 per annum
Dr. G. Karthik	DST	Ministry of Science and Technology, DST	2023-26	2023	Rs.47,63,158 /-

Note:- The above highlighted 3 rows were newly added to the data template 3.2.1. Since, there is no provision to modify the data template, printout of the same is added for your reference.

*Sriya Prasad*  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-01.  
College Code: 1606



## Stanley College of Engineering & Technology for Women (Autonomous)

(Approved by AICTE and Affiliated to Osmania University, Accredited by NBA (UG Courses in -CSE, ECE, EEE & IT) & NAAC with 'A' Grade)  
Chapel Road, Abids, Hyderabad-001 Ph. No 040-23234880, 23244880

---

### 3. Research, Innovations and Extension

#### 3.2: Resource Mobilization for Research

3.2.1: Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

#### Summary for the Research Grant

**Total Research Grants awarded over the Assessment period is Rs 87, 28,570/-**

*Satyajit Prasad*  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-01.  
College Code: 1606



## Stanley College of Engineering & Technology for Women (Autonomous)

(Approved by AICTE and Affiliated to Osmania University, Accredited by NBA (UG Courses in -CSE, ECE, EEE & IT) & NAAC with 'A' Grade)  
Chapel Road, Abids, Hyderabad-001 Ph. No 040-23234880, 23244880

### 3. Research, Innovations and Extension

#### 3.2: Resource Mobilization for Research

3.2.1: Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

3.2.1.1. Provide Links for any other relevant document to support the claim (if any)

3.2.1.2. List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount

Sl. No.	Title of the research project, endowments, Research Chairs	Name of the funding agency	Amount in INR.
<b>YEAR – 1 (2018 – 2019)</b>			
	NIL	NIL	NIL
<b>YEAR – 2 (2019 – 2020)</b>			
1.	AI and Machine learning	IIITDM, JABALPUR	Rs.1,01840/-
2.	ECE-FDP (ICT tools for teaching, Learning Process and Institutes)	IIIT DM, Jabalpur	Rs 84,200 /-
3.	IT-FDP (Natural Language Processing)	IIIT DM, Jabalpur	Rs 1,05000 /-
<b>YEAR – 3 (2020 – 2021)</b>			
4.	IOT and Smart Sensors Lab	AICTE-MORROB	Rs.13,27,294 /-
5.	Data Supervision and Computing lab	AICTE-MODROB	Rs. 1122745 /-

*Satya Prasad*  
11/3/2024

PRINCIPAL

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

	National Conference for Women on Innovations in Science Engineering & Technology.	AICTE-Conference	Rs. 1,63,333 /-
<b>YEAR – 4 (2021 – 2022)</b>			
7.	SPICES	AICTE	Rs.1,00,000 /-
8.	ATAL-FDP-Advances in Electronics and Communication Engineering for Industrial Applications	AICTE	Rs.93,000/-
9.	ATAL-FDP-Role of Mathematics in Future Technologies	AICTE	Rs.93,000/-
10.	Effect of Neodymium (Nd) and Praseodymium (Pr) doping on structural, magnetic, electrical, dielectric, optical and Mossbauer properties of YFeO <sub>3</sub> .	UGC DAE CSR	Rs.7,75,000 /-
<b>YEAR – 5 (2022 – 2023)</b>			
11.	DST	Ministry of Science and Technology, DST	Rs.47,63,158 /-

*Satya Prasad*  
11/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

Stanley College of Engg. & Tech. for Women A 20-21  
# 5-78 to 82, Chapel Road,  
Abids, Hyderabad  
500001  
E-Mail : rsuresh@stanley.edu.in

Receipt Voucher

No. 364

Dated : 25-Mar-21

Particulars	Amount
Account :	
IIITDMJE Work Shop Grants	1,05,000.00
IIITDMJE Work Shop Grants	1,01,840.00
IIITDMJE Work Shop Grants	84,200.00

Through :

SBI - 62079191810

On Account of :

Being work shop grants received.

Amount (in words) :

INR Two Lakh Ninety One Thousand Forty Only

₹ 2,91,040.00

*Gatya Haradit -*  
*6/3/2024*

PRINCIPAL

STANLEY COLLEGE OF ENGINEERING  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

*[Signature]*

Authorised Signatory

Accounts Officer

Stanley College of Engg. & Tech. for Women (Autonomous)  
Chapel Road, Abids, Hyderabad-1, T.S.



# Stanley College of Engineering & Technology for Women

Accredited by NBA (all eligible UG Courses) & NAAC 'A' Grade  
Chapel Road, Abids, Hyderabad, India

## Invitation

You are cordially invited to attend the INAUGURAL function of  
**One Week Faculty Development Program**  
on  
**Artificial Intelligence & Machine Learning**

In collaboration with E&ICT Academy IIITDM Jabalpur

On  
23<sup>rd</sup> December 2019 at 9.00AM

Venue: D-Block Lab 3 &4

Chief Patron  
Sri K.Krishna Rao  
Correspondent, SCETW

### Patron

Dr. A. Vinaya Babu,  
Director, SCETW

Dr.Satya Prasad Lanka  
Principal, SCETW

### Convenor

Dr. K.Rama Krishna  
Head – R&D, SCETW

Dr. B.V.Ramana murthy  
Head-CSE, SCETW

### Co-ordinators

Dr. K. Vaidehi  
Associate Prof., CSE

Dr. YVSS Pragathi  
Professor CSE

Mrs. Sumayya Afreen  
Asst. Prof., CSE

Mrs. M.Soumya  
Asst. Prof., CSE

*Satya Prasad Lanka*  
6/3/2019

**PRINCIPAL**

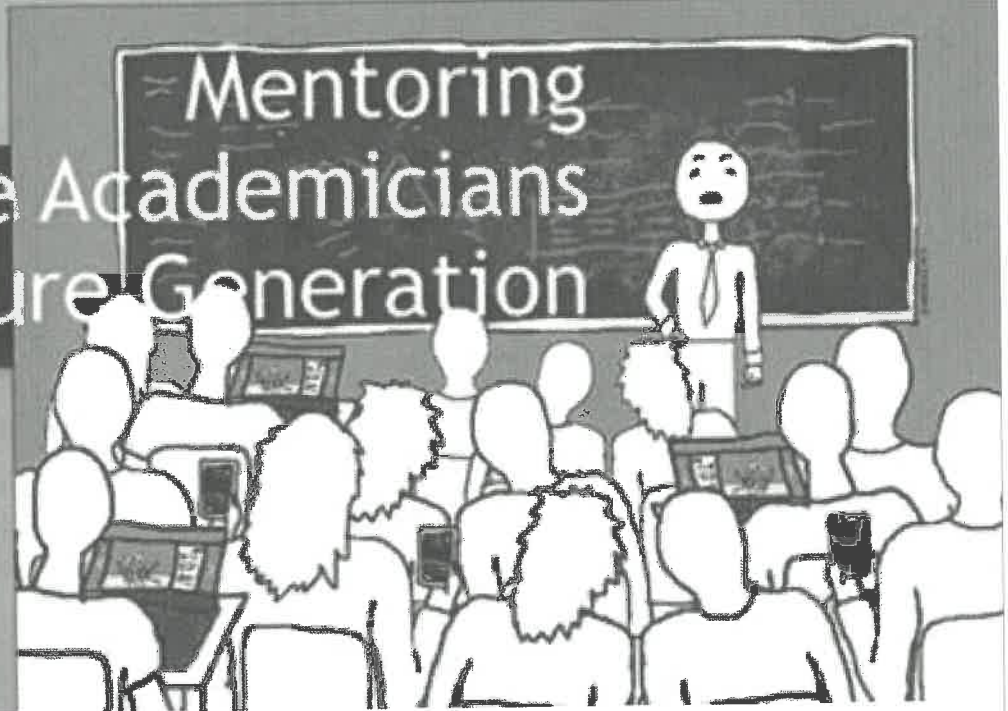
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



Ministry of Electronics & Information Technology

Government of India Initiative for Employability Enhancement

# Mentoring Passionate Academicians for Future Generation



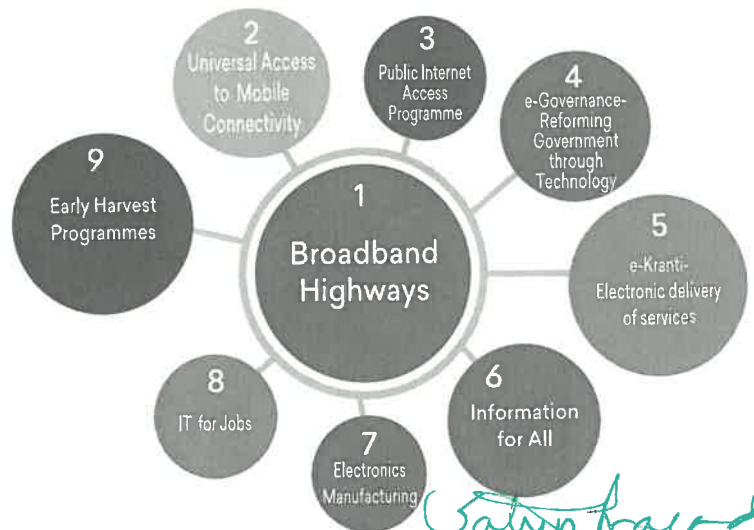
Faculty Training

Training and Consultancy

Services for Industry

Technical Incubation and Entrepreneurship

Continuing Education for Students & Professionals



IIT Guwahati

IIITDM Jabalpur

MNIT Jaipur

IIT Kanpur

NIT Patna

IIT Roorkee, Warangal



*Satyam Kaur*  
*6/11/2024*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana





India is fast emerging as a world power in Information, Communications Technology and Electronics (ICTE) sectors. To complement its growth and further development, there is an ever-increasing need for trained professionals with specialization in this space. This includes training of professionals not only in existing and changing technologies but also in the fields of R & D and electronics manufacturing. This will specifically be aimed at the ICTE sector to create a substantial resource pool of talent and generate ample opportunities for entrepreneurs.

Ministry of Electronics & Information Technology (MeitY) has approved a scheme and setup Electronics and ICT Academies at 07 (seven) institutions viz. IIT Guwahati, IIT Kanpur, NIT Warangal, NIT Patna and IIITDM Jabalpur (all five under Category-A); and IIT Roorkee, MNIT Jaipur (both under Category B). The Ministry had earlier setup two ICT Academies at Tamil Nadu and Kerala respectively. Estimated cost and targets for the Electronics and ICT Academy in the two categories for a period of four years are as under:

Category	Total Outlay	Internal Revenue Generation	Grants-in-Aid from Central Government	Training Target (Faculty members)
Category-A	Rs. 25 crore	Rs. 7.50 crore	Rs. 17.50 crore	16,000
Category-B	Rs. 10 crore	Rs. 3.00 crore	Rs. 7.00 crore	6,400

These Academies are aimed at faculty / mentor development and up gradation to improve the employability of the graduates, diploma holders in various streams, through collaboration of States / Union Territories. Each Academy is being provided funding support for four years and is expected to generate revenue by charging fee and taking up other activities to meet the recurring cost in gradual manner and become self-sustainable by the end of fourth year onwards. All these Academies will cater to the requirements of identified neighbouring States and UTs also. Brief information about all the Academies is available at : <https://meity.gov.in/esdm/scheme-financial-assistance-setting-electronics-and-ict-academies>

## Activities of the Academies

- Faculty Development for
  - Specialized training with hands-on on basic and advanced level topics for Engineering streams
  - Domain based training on use of ICT tools and techniques for Non-Engineering streams
- Training and Consultancy services for industry
- Curriculum Development for Industry
- Continuing Education programme for students / working professionals
- Design, Develop and Deliver specialized modules for specific research areas
- Providing advice and support for Technical Incubation and Entrepreneurial activities


## About Winter Courses

Faculty Development Programmes in core areas of Electronics and Information & Communication Technology (ICT) streams have been planned by academies for delivery during Winters (i.e., Dec'19 – Jan'20). All these winter courses will be offered through National Knowledge Network (NKN) based Video Conferencing, with lectures delivered by invited experts from IITs, NITs, IIITs and other premier institutes / industries. In addition, local course coordinators at respective academies / identified remote centres will take care of sessions on design orientation / activity linked problems / assignments / case studies and quiz test(s). All seven EICT Academies will host the participants simultaneously along with some select remote centres all over our country, through NKN-VC infrastructure. Candidates could attend the training programme at Academy locations or at identified remote centres as per the convenience. For registration participants need to apply to one of the Academies, however, they can attend the training programme at that Academy or any remote centre attached to that respective Academy, please refer to respective academy websites.

## How to Apply:

- \* A duly filled in application form in the prescribed form signed by the Head of the Institute to which the candidate belongs (along with demand draft/CBS-Cheque) should reach by post to the local coordinator of the participating academy.
- \* Government of India norms will be followed for SC / ST category participants.
- \* The application form along with the DD/CBS-Cheque can also be submitted in the online mode to Local Coordinator of the respective academy.

**Note: Refer offering Academies websites for complete postal address and other details of winter courses.**

  
**PRINCIPAL** 16/3/2024  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana

Following are the programmes being offered in this Winter, Dec. 2019 – Jan 2020 :

S.No.	Course Name	Principal Coordinating Academy	Co-Principal Coordinating Academy	Starting date of Programme	Last date of receiving applications
1	Python Programming with Industry perspective	MNIT Jaipur Dr. Pilli Emmanuel Shubhakar	NIT Patna Dr. Bharat Gupta	2 Dec 2019	25 Nov 2019
2	Deep Learning and Applications	IIITDM Jabalpur Prof. Aparajita Ojha	NIT Warangal Prof. R. B. V. Subramanyam	9 Dec 2019	2 Dec 2019
3	VLSI Chip Design Hands on using Open Source EDA	IIT Guwahati Dr. Gaurav Trivedi	MNIT Jaipur Prof. Vineet Sahula	16 Dec 2019	9 Dec 2019
4	AI and Machine Learning	IIT Roorkee Prof. Sanjeev Manhas	MNIT Jaipur Dr. S. J. Nanda	23 Dec 2019	16 Dec 2019
5	Natural Language Processing	NIT Patna Dr. J. P. Singh	IIITDM Jabalpur Prof. Atul Gupta	6 Jan 2020	23 Dec 2019
6	ICT Tools for Teaching, Learning Process & Institutes	MNIT Jaipur, IIITDM Jabalpur, NIT Patna, IIT Guwahati, NIT Warangal (All Academies)		13 Jan 2020	6 Jan 2020

#### Target Beneficiaries:

Interested Faculty of Engineering / Technical Institutions are eligible to attend these winter courses.

#### Availability of seats at each offering Academy:

Fifty (50) seats are available for each course to be offered at each Academy / Remote Centre. Participants will be selected based on first-cum-first-serve basis by each academy. Selected participants will be communicated through e-mail / notified in E&ICT Academy websites.

#### Course duration:

Each course is designed as 3 credit equivalent for 40 hours (Theory Lectures, Hands-on / Design orientation / Activity linked problems / Assignments Problem Solving / Case Studies sessions / Quiz Tests)

#### Accommodation & Travel

Boarding and Lodging at Hostels / Guest House will be provided at free of cost only at Identified E&ICT Academies depending upon availability and first-cum-first-serve basis. For details please refer to respective Academy websites. At identified remote centres only working lunch and snacks will be provided. No Travel Allowance will be paid to the participants.


#### Registration Fee for each Winter Course:

No Registration fee is charged for attending this programme planned at any designated academies / remote centres. However, candidate should submit a Demand Draft/CBS-Cheque of Rs. 1000/- along with application form and the same will be returned to the participant on the last day of the training. Certificate for participation as well as for satisfactory performance will be given to the participants subject to fulfillment of attending all sessions, submission of assignments and clearing the test(s).

#### Mode of Payment:

Academy Name	Payment through DD / CBS-Cheque
IIT Guwahati	Demand Draft / CBS-Cheque in favor of "Registrar, IIT Guwahati" payable at Guwahati
IIITDM Jabalpur	Demand Draft/ CBS-Cheque in favor of "Electronics and ICT Academy, IIITDMJ" payable at Jabalpur
MNIT Jaipur	Demand Draft / CBS-Cheque in favor of "Electronics and ICT Academy, MNIT Jaipur" payable at Jaipur
NIT Patna	Demand Draft / CBS-Cheque in favor of "Director, NIT Patna" payable at Patna
IIT Roorkee	Demand Draft / CBS-Cheque in favor of "Dean SRIC IIT Roorkee" payable at Roorkee
NIT Warangal	Demand Draft / CBS-Cheque in favor of "Electronics and ICT Academy, NITW" payable at NIT Warangal

- Last Date for submission of Applications is Monday of earlier week from the start date of respective programme.
- The intimation of selection for participation will be posted on website on Wednesday of previous week.

  
**PRINCIPAL** 6/3/2024  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana

The following are the details of Winter courses being offered during Dec'19 –Jan'2020

Course 1: Python Programming with Industry Perspective

2<sup>nd</sup> – 6<sup>th</sup> Dec., 2019

Prospective External Experts- (i) Dr. Mani Madhukar, Program Manager - University Relations, IBM India Pvt. Ltd (ii) Mr. Ishan Vaid, Trainer, IBM Partner

Experts from host institutes- (i) Dr. Pilli Emmanuel Shubhakar, MNITJ

Module Details of Python Programming with Industry Perspective

S.No.	Module Name	Topics
1.	<b>Introduction &amp; basics of Python Programming:</b>	History of Python, Installing Python, Executing Python Programs, Internal Working of Python, Python Implementations. Python Character Set, Token, Python Core Data Type, print() function, Assigning Value to Variable, input() function, eval() function, Formatting Number and Strings, Operators and Expressions
2.	<b>Decision Statements; Loop Control Statements; Functions, Strings</b>	Boolean Type, Boolean Operators, Using Number and Strings with Boolean Operators, Decision Making Statements and Conditional Expressions While loop, range() Function, For Loop, Nested Loops, Break Statement, Continue Statement Syntax and Basics of a Function, Use of a function, Parameters and Arguments, Local and Global Scope Scope of a Variable, return statement and Recursive Functions. str class, Inbuilt functions for String, index[] operator, traversal of String, String operators, String Operations
3.	<b>Lists and Dictionaries; Tuples and Sets; File Handling; Pandas</b>	Creating Lists, Basic list operators, Slicing, Inbuilt functions for Lists, List operator, List Methods, Splitting, Need of Dictionary, Creating a Dictionary, Adding and Replacing Values, Retrieving Values ; Deleting Items and Traversing Dictionaries. Tuples and Sets: Creating Tuples; Tuple () Function, Inbuilt Functions for Tuples, Indexing and Slicing; Operations on Tuples; Traverse Tuples from a List, Set operators; Set class. Object-Oriented Programming: Classes and objects, methods, Operator Overloading, Inheritance, Super () and Method Overriding. File Handling: Need of File Handling, Reading/Writing Text and Numbers to/from a File; Directories on a disk. Pandas: Using pandas, the python data analysis library and data frames
4.	<b>Data Handling and Use Cases</b>	RE Pattern Matching, Parsing Data, Introduction to Regression, Types of Regression, Use Cases, Exploratory data analysis, Correlation Matrix, Visualization using Matplotlib and Implementing linear regression.
5.	<b>Machine Learning</b>	Machine Learning - Algorithm, Algorithms - Random forest, Super vector Machine, Random Forest, Build your own model in python and Comparison between random forest and decision tree.

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
<b>Dr. Pilli Emmanuel Shubhakar</b> espilli.cse@mnit.ac.in M:+91-9549658131 MNIT Jaipur	<b>Dr. Bharat Gupta</b> bharat@nitp.ac.in M: +91-9331406964 NIT Patna	<b>IIITDM Jabalpur- Dr. Atul Gupta,</b> atul@iiitdmj.ac.in M: +91-9425152499 L: 0761-2794223	
		<b>MNIT Jaipur - Dr. Dinesh Tyagi</b> dktyagi.cse@mnit.ac.in M: +91-9549658130	<b>Dr. Mushtaq Ahmed</b> mahmed.cse@mnit.ac.in M: +91-9549654176
		<b>NIT Patna- Dr. Mukesh Kumar</b> mukesh.kumar@nitp.ac.in M: +91-8984142557	<b>Dr. Somaraju Suvvari</b> somaraju@nitp.ac.in M: +91-9676430356

*Stanley College*  
6/2/2024

**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

Prospective External Experts- (i) Prof. Chakravarthy Bhagvati, University of Hyderabad (ii) Dr. Madan Dabbeeru, Rakuten India Bengaluru (iii) Experts from IBM and MATLAB.

Experts from host institutes- (i) Prof. Aparajita Ojha, IIITDMJ (ii) Dr. Santosh Vipparthi, MNITJ

### Module Details of Deep Learning & Applications

S.No.	Module Name	Topics
1.	<b>Introduction to Machine Learning and Artificial Neural Networks</b>	Overview of machine learning, Supervised and unsupervised learning , Artificial Neural Networks, Feedforward Neural networks, Gradient Descent and the back propagation algorithms, Regularization and Optimization. Difference between typical machine learning and deep learning <b>Practice Session:</b> Introduction to Python Programming, Tensorflow and Keras. Making a Neural Network, training and testing. Saving the best weights and model
2.	<b>Convolutional Neural Networks</b>	Convolutional Neural Network (CNN), Convolution/Pooling layers, Activation maps, CNN as a feature extractor, Some Standard CNN architectures like AlexNet, VGGNet, GoogLeNet, ResNet and more recent networks <b>Practice Session:</b> Building a CNN model, CNN for image classification. Using GoogleColab for building and training Deep Learning Models.
3.	<b>Autoencoders and Generative Serial Networks</b>	Autoencoders (AEs), Undercomplete and Overcomplete AE, Convolutional AE, Regularization, Sparsely regulated AEs, Denoising and Stacked AE. Generative Adversarial Networks (GAN), Variants of GAN. <b>Practice Session:</b> Using pretrained models, Transfer learning, Applying GoogleNet and ResNet for specific problems. Using Autoencoders
4.	<b>Recurrent Neural Networks</b>	Brief Introduction to Recurrent Neural Networks, LSTM, GRU and their applications in machine translation, language modelling and sentiment classification. <b>Practice Session:</b> Building an AI application for sentiment classification from travel\hotel website user feedback data.
5	<b>CNN Application to Classification and Detection Problems</b>	Object detection algorithms, R-CNN, Faster R-CNN, YOLO and SSD. Hands on– Object detection. <b>Practice Session:</b> Installing Darknet framework on your laptop, how to use YOLO for object detection.

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
<b>Prof. Aparajita Ojha</b> aajha@iiitdmj.ac.in M: +91-9425800334 IIITDM Jabalpur	<b>Prof. R. B. V. Subramanyam</b> eict.nitw@gmail.com M: +91-9121016547 NIT Warangal	<b>IIITDM Jabalpur- Dr. Irshad Ansari</b> irshad@iiitdmj.ac.in M: +91-9109106995, L: 0761-2794478	
		<b>MNIT Jaipur- Dr. Santosh Vipparthi</b> skvipparthi@mnit.ac.in M:+91-9549658135	<b>Dr. Ramesh Battula</b> rbbattula.cse@mnit.ac.in M: +91-9549654395
		<b>NIT Patna- Dr. Subodh Srivastava</b> subodh@nitp.ac.in M: +91-7565036892	<b>Dr. Rajib Ghosh</b> rajib.ghosh@nitp.ac.in M: +91-8084023813
		<b>NIT Warangal - Prof. R. B. V. Subramanyam</b> eict.nitw@gmail.com M: +91-9121016547	

  
**PRINCIPAL** 6/2/2024  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana

Prospective External Experts- (i) Dr. H. S. Jatana, SCL-ISRO, Chandigarh (ii) Industry support- VLSI System Design Corp.

Experts from host institutes- (i) Prof. Gaurav Trivedi, IITG, (ii) Prof. Vineet Sahula, MNITJ

The participants will additionally get exposure for integrating SCL (ISRO, Chandigarh) PDK library kit with open source CAD tools.

### Module Details of VLSI Chip Design Hands on using Open Source EDA

S.No.	Module Name	Topics
1.	Study various components of RISC-V microprocessor based SoC and review all components using MAGIC Layout tool	Brief introduction RISC-V ISA Overview of RISC-V based micro-processor and its related SoC Overview of QFN48 package, pads, macros and memory in MAGIC Idea of chip-planning, aspect ratio, utilization factor, power planning, decoupling capacitor, pads/memory and macro placement
2.	Study the importance of standard cell library and design & characterize one cell using MAGIC Layout tool and ngSPICE for SPICE simulations	Pros and cons of good-bad floor plan Introduction to lab to create floor plan for small design, which will be covered in detail on Day 4) System-on-Chip (SoC) planning and design concepts overview Physical design overview Why Libraries are called the soul and heart of semi-conductor industry? Standard cells library overview
3.	Pre-layout timing analysis of SoC using OpenSTA, chip planning using MAGIC and block-level placement/routing using qflow RTL2GDS opensource EDA tool chain	Art of layout – Stick diagram + Euler's path using MAGIC Characterization of important parameters using ngSPICE Introduction to 16-Mask CMOS process and its significance to chip design flow Logic synthesis and high fanout net synthesis interactive tutorial using Yosys open source synthesis tool
4.	Hierarchical placement/routing using pads and blocks, and perform sign-off checks viz. LVS/DRC using Magic	Introduction to static timing analysis and the related Industry standard reporting formats Pre-layout timing analysis of a design using Open STA open source STA tool, which includes setup timing analysis for reg2reg and IO Introduction to clock tree synthesis (CTS) and its related checks viz. skew, latency, pulse-width, duty cycle Placement/Routing/CTS of a design using qflow open source RTL2GDS tool Perform CTS quality and routing quality checks using OpenSTA
5.	Post-layout timing analysis using OpenSTA and engineering change order (ECO) using Tritonsizer	Full chip integration using MAGIC for a design with blocks and pads. Revise floor plan from Day 2 Populate layout from library manager in MAGIC, select digital core block and additional pads Arrange pads and create a pad-frame hierarchy Project work using SiFive E31 RISC-V design blocks

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
<b>Dr. Gaurav Trivedi</b> trivedi@iitg.ernet.in M: +91-9435582802 IIT Guwahati	<b>Prof. Vineet Sahula</b> vsahula.ece@mnit.ac.in M: +91-9549654227 MNIT Jaipur	<b>IIT Guwahati- Dr. Gaurav Trivedi</b> trivedi@iitg.ernet.in M: +91-9435582802, +91-8011000783	
		<b>IIITDM Jabalpur- Dr. Dip Prakash Samajdar</b> dip.samajdar@iiitdmj.ac.in M: +91-9477137992, L: 0761-2794474	
		<b>MNIT Jaipur- Dr. Menka Yadav</b> menka.ece@mnit.ac.in M: +91-9416794011	
		<b>NIT Patna- Dr. Bal Chand Nagar</b> balchandnagar@nitp.ac.in M: +91-9993102487	<b>Mr. Pankaj Kumar</b> pankajha@nitp.ac.in M: +91-7004727085

Prospective External Experts: Experts from NVIDIA / IITM / IISc Bangalore / IIT Gandhinagar

Experts from host institutes- (i) Dr. R. Balasubramanian, IITR (ii) Dr. Partha Pratim Roy, IITR (iii) Dr. S. J. Nanda, MNITJ

### Module Details of AI & Machine Learning

S.No.	Module Name	Topics
1.	<b>AI Fundamentals</b>	Fundamental Concepts of AI: Agents, environments, general model; Problem Solving techniques.
2.	<b>Search Techniques and Knowledge Representation</b>	Uninformed search, heuristic search, adversarial search and game trees; Solution of constraint satisfaction problems using Search. Propositional and predicate calculus, semantics for predicate calculus, inference rules.
3.	<b>ML Fundamentals</b>	Basic machine learning concepts and examples, Regression Analysis, Decision trees
4.	<b>Machine Learning Algorithms</b>	Supervised and Unsupervised Learning, Ensemble methods (Boosting, Bagging) Random Forest, Dimensionality Reduction (PCA, LDA, KPCA), SVM
5.	<b>Neural Network and its Applications</b>	Artificial Neural Network (Multi-Layer Perception), An Insight on Deep Learning Algorithms, Applications in Imaging & Data Analytics

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
<b>Prof. Sanjeev Manhas</b> <i>samanfec@iitr.ac.in</i> M: +91-7078627392 IIT Roorkee	<b>Dr. S. J. Nanda</b> <i>sjnanda.ece@mnit.ac.in</i> M: +91-9549654237 MNIT Jaipur	<b>MNIT Jaipur-</b> <b>Dr. Arka Prokash Mazumdar</b> <i>apmzumdar.cse@mnit.ac.in</i> M:+91-95496548129	<b>Dr. Rahul Chaurasia</b> <i>rahul.ece@mnit.ac.in</i> M: +91-9165971639
		<b>NIT Patna-</b> <b>Dr. M P Singh</b> <i>mps@nitp.ac.in</i> M: +91-9431200106	<b>Dr. Rajeev Kumar Arya</b> <i>rajeev.arya@nitp.ac.in</i> M:+91-813033645
		<b>IIT Roorkee-</b> <b>Dr. R. Balasubramanian</b> <i>balarfma@iitr.ac.in, eict@iitr.ac.in</i> M: +91-7078627392	<b>Dr. Partha Pratim Roy</b> <i>proy.fcs@iitr.ac.in</i> L : 01332-286457

*Sanjeev Manhas*  
6/8/2024

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana


Prospective External Experts: (i) Prof. Pushpak Bhattacharya, IITB (ii) Dr. Asif Ekbal, IITP (iii) Dr. Sriparna Saha, IITP

Experts from host institutes- (i) Dr. Atul Gupta, IIITDMJ (ii) Dr. J. P. Singh, NITP (iii) Dr. Namita Mittal, MNITJ

### Module Details of Natural Language Processing

S.No.	Module Name	Topics
1.	<b>Intro and Text Classification</b>	Processing Text using Perl, Use of Regular Expressions, Elements of Morphology, Character N-gram Based Text Mining, Text Classification
2.	<b>Language Modelling and Sequence Tagging</b>	Texts as sequences of words. language modeling and use for suggests in search, machine translation, chat-bots, etc predict a sequence of tags for a sequence of words. part-of-speech tags, named entities or any other tags, Probabilistic Modeling, N-grams Model, HMM Model, Sum-product Algorithms
3.	<b>Vector Space Models of Semantics</b>	Higher abstraction for texts: vectors representing meanings traditional models of distributional semantics, cover modern tools for word and sentence embeddings, such as word2vec, Fast Text, Star Space
4.	<b>Syntactic Processing</b>	Phrase Structure and Natural Language Syntax, Chart Parsing and CYK Algorithm, Probabilistic Context-Free Grammars
5.	<b>Sequence to Sequence Tasks</b>	A sequence to sequence task: machine translation, summarization, question answering, a general encoder-decoder-attention architecture
6.	<b>Dialog Systems</b>	Task-oriented dialog systems like Apple Siri or Amazon Alexa. main building blocks of such systems namely Natural Language Understanding (NLU) and Dialog Manager (DM)
7.	<b>Unification-based NLP and Semantics</b>	First-order Predicate Logic and Resolution, Classical and Feature-structure Unification, Unification-based Grammars

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
<b>Dr. J. P. Singh</b> <i>jps@nitp.ac.in</i> M: +91-8521159014 NIT Patna	<b>Prof. Atul Gupta</b> <i>atul@iiitdmj.ac.in</i> M: +919425152499 IIITDM Jabalpur	<b>IIITDM Jabalpur - Dr. Kusum Kumari Bharti</b> <i>kusum@iiitdmj.ac.in</i> M: +91-9406711296 L: 0761-2794232	
		<b>MNIT Jaipur -Dr. Namita Mittal</b> <i>nmittal.cse@mnit.ac.in</i> M: +91-9549654394	<b>Dr. Satyendra Singh Chouhan</b> <i>sschouhan.cse@mnit.ac.in</i> M:+91-8954221599
		<b>NIT Patna- Dr. M. P. Singh</b> <i>mps@nitp.ac.in</i> M: +91-9431200106	

  
 6/2/2020  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

Prospective External Experts: (i) Prof. D. B. Phatak, IITB (ii) Prof. Prabhakar, IITK (confirmation awaited)

Experts from host institutes- (i) Prof. Aparajita Ojha, IIITDMJ (ii) Dr. Pilli Emmanuel Shubhakar, MNITJ, (iii) Dr. Arka Prokash Mazumdar, MNITJ, (iv) Dr. A. M. Joshi, MNITJ, (v) Dr. R. K. Maddila, MNITJ

### Module Details of ICT Tools & Techniques for Teaching, Learning process & Institutes

Information and Communication Technology is expected to be a game changer for developing economy like India. Digital Services would be all pervading, ensuring faster action and quick dissemination of information.

Education Institutes are expected to be first movers in this since usage here allows quick proliferation through the Society, also with the aim of increasing enrolment at Higher education level, the needs of providing quality education can only be met through ICT only.

S.No.	Module Name	Topics
1.	Use of ICT	Effective use of ICT for transforming pedagogy and empowering students; Empowerment through Communication skills
2.	Online/blended Learning	Adopting online/blended-learning in teaching learning process
3.	MooC	Use of MooC for contents management, class organization, assessment; MooC's deployment and use; Building Course Website and Google Suite
4.	Teaching Learning Tools & e-content generation	Using tools for teaching learning- interactive whiteboards/smart-screens, video-conferencing, digital content creation, design of instructional material & presentation; Content Dissemination, Management, Version Control; ICT tool for English language teaching and learning; Illustration tools and author aids Visio
5.	Computer Based Training (CBT)	CBT for letters generation, certificate preparation, report writing, Presentation and posters preparation, Spread sheets & evaluation, Research Resources & Bibliography Management etc.

Principal Coordinator-Academy	Co- Principal Coordinator-Academy	Participating Academies and Local Coordinator Details	
(All following Academies)-			
MNIT Jaipur - Prof. L. Bhargava, MNIT Jaipur lavab@mnit.ac.in M: +91-9549654231	IIITDM Jabalpur - Dr. Atul Gupta, atul@iiitdmj.ac.in M: +91-9425152499 L: 0761-2794223		
IIITDM Jabalpur - Dr. Prashant Jain pkjain@iiitdmj.ac.in M: +91-9425800310, L: 0761-2794415	MNIT Jaipur- Dr. Amit M. Joshi amjoshi.ece@mnit.ac.in M: +91-9549654239	Dr. Ravi Maddila rkmaddila.ece@mnit.ac.in M: +91-9549654238	
NIT Patna- Dr. Bharat Gupta bharat@nitp.ac.in M:- +91-9331406964	NIT Patna- Dr. Bharat Gupta bharat@nitp.ac.in M: +919331406964		
IIT Guwahati- Prof. Gaurav Trivedi trivedi@iitg.ernet.in M: +91-9435582802			
NIT Warangal- Prof. R. B. V. Subramanyam eict.nitw@gmail.com M: +91-9121016547			

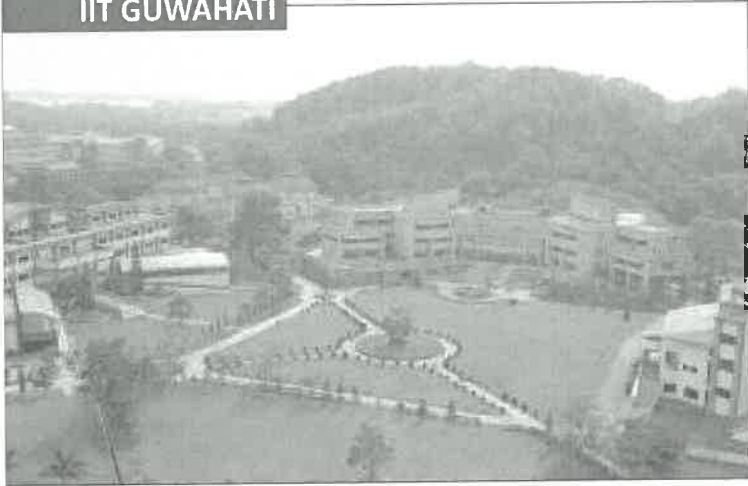
*Ravi Maddila*  
6/3/2024

**PRINCIPAL**

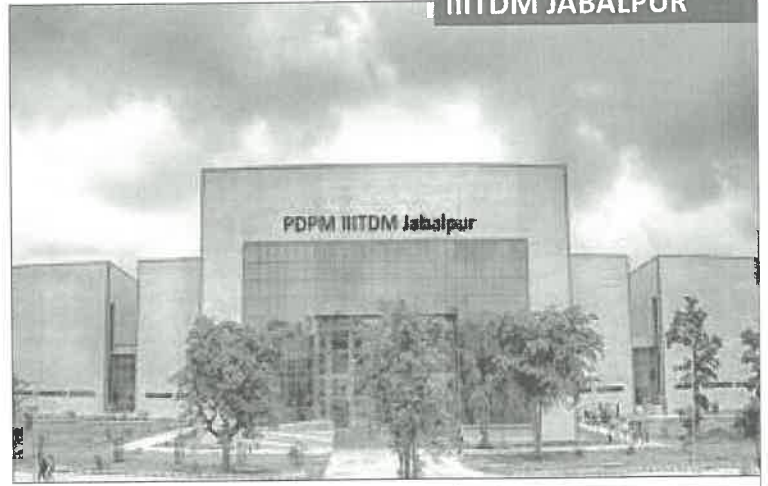
**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana**



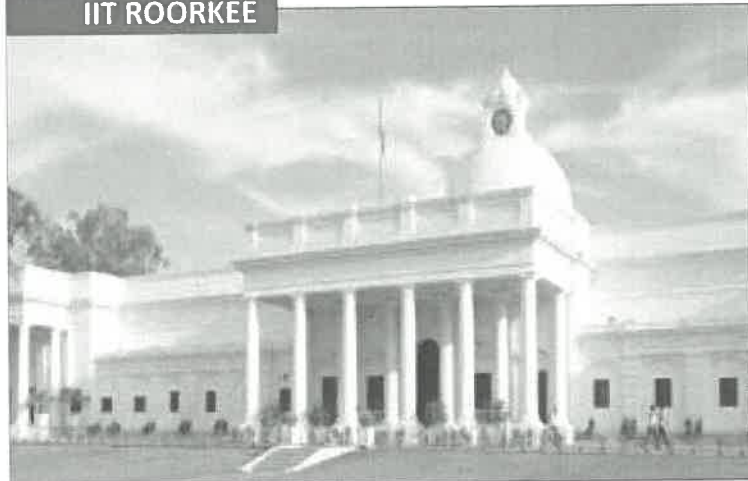
IIT GUWAHATI



IIITDM JABALPUR



IIT ROORKEE



NIT WARANGAL



NIT PATNA



IIT KANPUR



MNIT JAIPUR



*Calya Prasad*

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS  
Chapel Road, Abids, Hyderabad, Telangana**

APPLICATION FORM FOR Winter FDPs (Dec'19 – Jan'20) [Xerox copies are permitted]

## E & ICT ACADEMY

An initiative of Ministry of Electronics & IT, Government of India

IIT Guwahati



IIITDM Jabalpur



MNIT Jaipur



IIT Kanpur



NIT Patna



IIT Roorkee



NIT Warangal



Choice matrix for Name and Academy of the Winter - Course Applying for:

S.No.	Name of the Winters-2019 Course (Tick in the blank column on right side with ✓) (Send copies of this form to all individual academies you have ticked with separate DD)	IIT Guwahati	IIITDM Jabalpur	MNIT Jaipur	NIT Patna	IIT Roorkee	NIT Warangal
1.	Python Programming with Industry perspective (2-6 Dec'19)	x				x	x
2.	Deep Learning and Applications (9-13 Dec'19)	x				x	
3.	VLSI Chip Design Hands on using open source EDA (16-20 Dec'19)					x	x
4.	AI & Machine Learning (23-27 Dec'19)	x	x				x
5.	Natural Language Processing (6-10 Jan'20)	x				x	x
6.	ICT Tools for Teaching, Learning process & Institutes (All Academies) (13-17 Jan'20)	x				x	x

Affix recent pass-port size photo of the applicant

Name of the Applicant: \_\_\_\_\_ (in Block letters)

Father's Name: \_\_\_\_\_

Designation: \_\_\_\_\_ (Faculty/Industry Professional / Other) (Tick one)

Name of the Institution /organization to which the candidate belongs: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Ph.No: \_\_\_\_\_

E-mail (preferably at organization): \_\_\_\_\_ Mobile No. \_\_\_\_\_

Gender: Male / Female \_\_\_\_\_ Date of birth and Age: \_\_\_\_\_

Aadhar Card No: \_\_\_\_\_ (Attach Copy) \_\_\_\_\_

Do you belong to SC / ST: Yes / No (If Yes, attach photocopy of the proof)

Payment by DD / CBS-Cheque / online transfer for Rs. 1000/- (refundable):

Payment Mode	Bank Name	Demand Draft No. / Cheque No. / Transaction ID	Date
DD / CBS-Cheque/ Online			

Highest educational Qualifications with specialization:

Accommodation required (only if attending at one of EICT Academy):

Yes / No

DECLARATION & FORWARDING

The information provided is true to the best of my knowledge and belief.

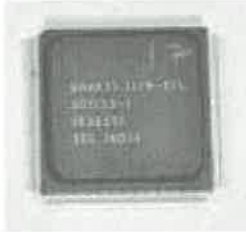
(Declaration with Signature of the Applicant)

Forwarded by Head of the Institution / Organization / Industry

(Signature & Seal)

*Satya K. S. S.*  
6/2/2024  
**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

# SHAKTI



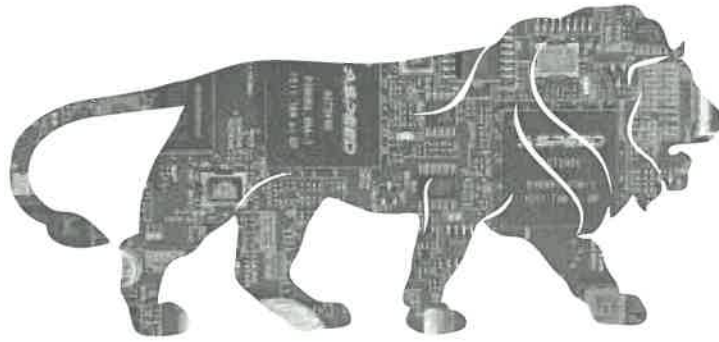
INDIA'S FIRST MICROPROCESSOR!



## ELECTRONICS INDIA

Billion Needs. Million Chips

**ESDM**  
**Make in India Initiative**



Academy & State Catered	Advisory Board Chairman	Chief Investigator	Contact Details at Academy For all general queries
<b>Electronics &amp; ICT Academy at IIT Guwahati</b> Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, Sikkim	<b>Prof. T. G. Sitharam</b> <i>director@iitg.ac.in</i>	<b>Prof. Ratnajit Bhattacharjee</b> <i>ratnajit@iitg.ernet.in</i> M: +91-9954498116	<b>Ms Feroza Haque (PM)</b> <i>Email: feroza.haque@iitg.ac.in</i> M: +91-7896233561 Website: <a href="http://www.iitg.ernet.in/eictacad/">www.iitg.ernet.in/eictacad/</a>
<b>Electronics &amp; ICT Academy at IIIT DM Jabalpur</b> Madhya Pradesh, Chhattisgarh, Maharashtra	<b>Prof Sanjeev Jain</b> <i>director@iiitdmj.ac.in</i>	<b>Prof. Aparajita Ojha</b> <i>aojha@iiitdmj.ac.in</i> M: +91-9425800334	<b>Ms Neha Rawat (BM)</b> <i>academyiiitdmj@gmail.com</i> M: +91-9893443284 Website: <a href="http://ict.iiitdmj.ac.in/">http://ict.iiitdmj.ac.in/</a>
<b>Electronics &amp; ICT Academy at MNIT Jaipur</b> Rajasthan, Gujarat, Dadra & Nagar Haveli, Daman & Diu	<b>Prof. Udaykumar R. Y.</b> <i>director@mnit.ac.in</i>	<b>Prof. Vineet Sahula</b> <i>vsahula.ece@mnit.ac.in</i> M: +91-9549654227	<b>Dr. Shailesh Sharma (PM)</b> <i>Email: academy@mnit.ac.in</i> L: +91-141-2715084 M: +91-9672472877 <a href="http://www.mnit.ac.in/eict">http://www.mnit.ac.in/eict</a>
<b>Electronics &amp; ICT Academy at IIT Kanpur</b> UP, Punjab, Haryana, Delhi	<b>Prof. Abhay Karandikar</b> <i>director@iitk.ac.in</i>	<b>Prof. B. V. Phani</b> <i>bvphani@iitk.ac.in</i> M:+91-9451423721	<i>Email: eict@iitk.ac.in</i> L: +91-512-6797787 <a href="https://ict.iitk.ac.in/">https://ict.iitk.ac.in/</a>
<b>Electronics &amp; ICT Academy at NIT Patna</b> Bihar, Jharkhand, Odisha, West Bengal	<b>Prof. Pradip Kumar Jain</b> <i>director@nitp.ac.in</i>	<b>Dr. Bharat Gupta</b> <i>bharat@nitp.ac.in</i> M: +91-9331406964	<b>Mr. Ram Gopal (TPO)</b> <i>Email:eictapatna@nitp.ac.in</i> M: +91-8434305807 <a href="http://www.nitp.ac.in/ict">www.nitp.ac.in/ict</a>
<b>Electronics &amp; ICT Academy at IIT Roorkee</b> Jammu and Kashmir, Himachal Pradesh and Uttarakhand	<b>Prof. Ajit K. Chaturvedi</b> <i>director@iitr.ac.in</i>	<b>Dr. Sanjeev Manhas</b> <i>samanfec@iitr.ac.in</i> M:+91-7078627392	<b>Mr. Prateek Sharma (PM)</b> <i>Email:eict@iitr.ac.in</i> <i>prateek2789@gmail.com,</i> M: +91-7078627392 <a href="http://eict.iitr.ac.in/">http://eict.iitr.ac.in/</a>
<b>Electronics &amp; ICT Academy at NIT Warangal</b> Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa	<b>Prof. N.V. Ramana Rao</b> <i>director@nitw.ac.in</i>	<b>Prof. R. B. V. Subramanyam</b> <i>rbvs66@nitw.ac.in</i> M: +91-949 134 6969	<i>Email:eict.nitw@gmail.com</i> M: +91-9121016547 <a href="http://nitw.ac.in/eict/">http://nitw.ac.in/eict/</a>

*Satya Prasad*  
**PRINCIPAL** 6/3/2024

**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chand Road, Ahire, Hyderabad, Telangana

Design & Print at Popular Printers, JPR Tel. : 0141-2606883

## ONE WEEK FDP "AI & ML" 23<sup>rd</sup> to 27<sup>th</sup> December 2019

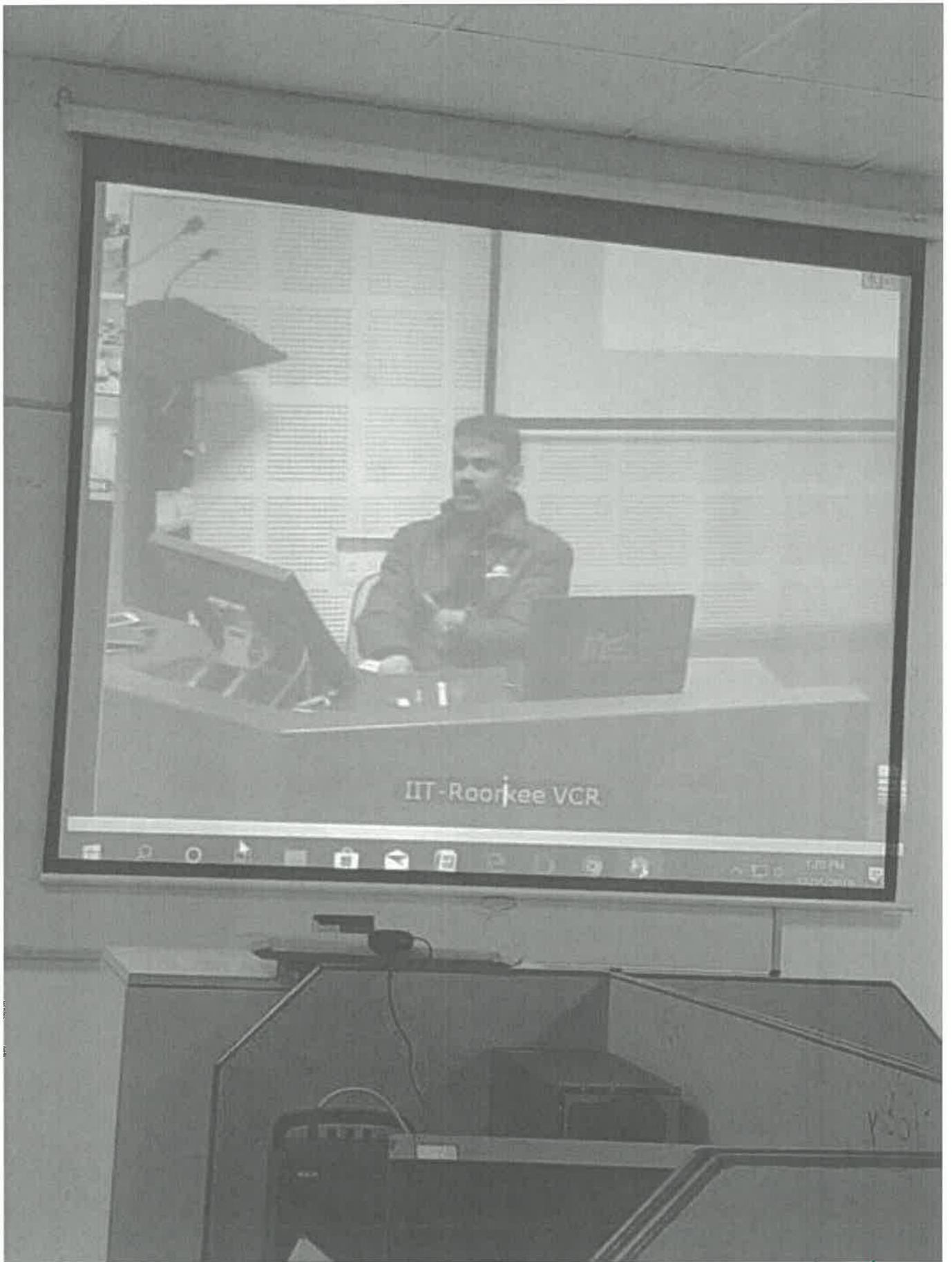




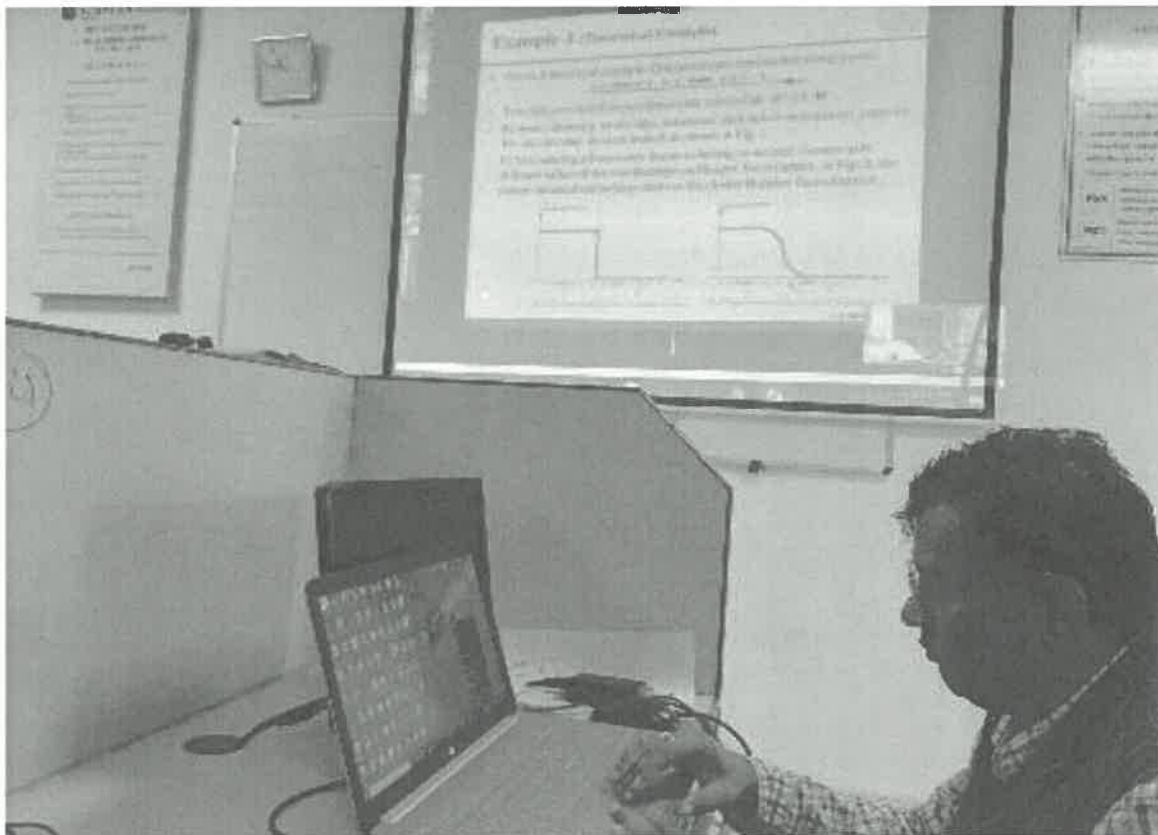
*Satyam K. R. Reddy*

**PRINCIPAL** 6/2/2024

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana**



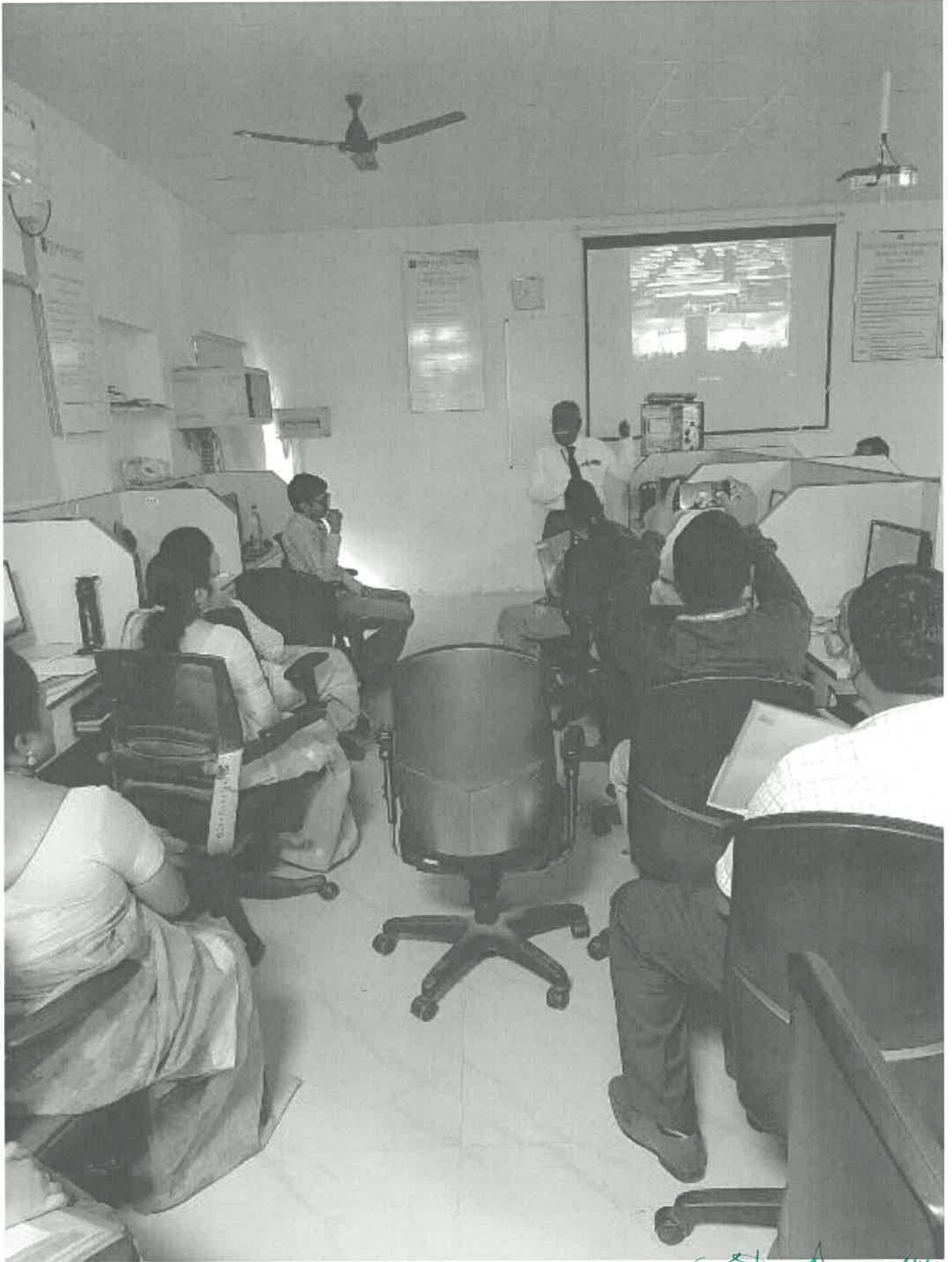
*Batya Anandhi*  
**PRINCIPAL** 6/2/2024  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



*Gabya K. S. Reddy*

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



*Bathya Prasad*

**PRINCIPAL** 8/8/2024

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana**





*Batya Kairatli*  
PRINCIPAL 6/8/2024

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS);  
Chapel Road, Abids, Hyderabad, Telangana

Stanley College of Engg. & Tech. for Women A 20-21  
 # 5-78 to 82, Chapel Road,  
 Abids, Hyderabad  
 500001  
 E-Mail : rsuresh@stanley.edu.in

**Receipt Voucher**

No 364

Dated : 25-Mar-21

Particulars	Amount
Account :	
IIITDMJE Work Shop Grants	1,05,000.00
IIITDMJE Work Shop Grants	1,01,840.00
IIITDMJE Work Shop Grants	84,200.00

Through :

SBI - 62079191810

On Account of :

Being work shop grants received

Amount (in words) :

INR Two Lakh Ninety One Thousand Forty Only

₹ 2,91,040.00

*Gatya Prasad*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana.

*[Signature]*  
 Authorised Signatory  
 Accounts Officer  
 Stanley College of Engg. & Tech. for Women (Autonomous)  
 Chapel Road, Abids, Hyderabad-1, T.S.

## FACULTY DEVELOPMENT PROGRAMME

“ICT Tools & Techniques for Teaching, Learning Process & Institutes”

(13<sup>th</sup> to 17<sup>th</sup> January 2020)

Organized By

E & ICT Academies at MNIT Jaipur, ITDM Jabalpur, NIT Patna and IIT Guwahati.



&



Department of ECE



Stanley College of Engineering and Technology For Women  
Chapel Road, Hyderabad – 500001  
(Affiliated to Osmania University, Approved by AICTE)  
NBA Accredited and NAAC “A” Grade

Venue: D Block Seminar Hall & Labs III & IV, Stanley College of Engineering & Technology

*Satyajit...*  
6/3/2020

PRINCIPAL

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

**Co-ordinator Report**

**On**  
**“ICT Tools & Techniques for Teaching, Learning Process &**  
**Institutes”**


**SUBMITTED**

**BY**

**Prof. A. Gopala Sharma, HoD, ECE**  
**Lalitha Malladi, Asst Prof, ECE**

**DEPARTMENT OF ECE**  
**Stanley College of Engineering and Technology For Women**  
**Chapel Road, Hyderabad – 500001**  
**(Affiliated to Osmania University, Approved by AICTE)**  
**NBA Accrediated and NAAC “A” Grade**

**2019-2020**

  
6/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

**Total No. of Participants Applied/Registered: 60**

**No. of Participants Shortlisted**

**(first come first basis till last day of registration): 51**

This workshop was scheduled for 5 days from 13-01-2020 to 17-01-2020 at Stanley College of Engineering and Technology for Women, Abids, Hyderabad as a Winter FDP. This workshop was jointly organized by E & ICT Academies at IIT Guwahati, MNIT Jaipur, IITDM Jabalpur and NIT Patna. Stanley College of Engineering and Technology for Women is a Remote Center registered under IITDM Jabalpur.

This programme was conducted by the faculty members from the above-mentioned higher education institutions. Academicians in the concerned field from IIT-Guwahati, MNIT Jaipur and NVIDIA were invited to deliver lectures in the programme.

As per the brochure the major course contents are:

- Introduction to MOOCs, mooKIT demo & Effective use of ICT.
- ERP, Adobe, Latex
- Google Suites, Visio
- Mendeley
- Resource Proposals & Publishing

  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

## Session Schedule

**Day 1:** 13-01-2020

**Session: I**

The session started with an inauguration and introduction to all the Nodal Centers' coordinators and the Remote Centers participants. This was followed by an Inaugural Talk on Digital Content Creation by Professor Aparajitha Ojha.

**Session: II**

Professor T. V. Prabhakar spoke at length on Introduction to MOOCs: Usage of MOOCs for content management, class organization and assessment.

**Session: III**

Session started with mooKIT Demonstration by Mr. Aditya Vadlamani and Dr. Neeta Singh, which was interesting.

**Session: IV**

A lecture on Effective use of ICT for transforming pedagogy and empowering students by Prof. Svetlana of Ukraine.

**Day 2:** 14-01-2020

**Session: I & II**

The second day started with Prof. Lava Bhargava's Introduction to ERP, followed by Prof. Svetlana's 'Empowerment through Communication Skills' This was a continuation to Day 1- session IV.

**Session: III**

Prof. Vijaya Laxmi introduced various concepts of Adobe; participants were able to communicate with the host and work on Adobe software. This was an interesting session as it contained working with pdf's.

**Session: IV**

Dr. M. Ravi Kumar delivered on CBT for letters, certificates and reports: Latex-1

**Session V:**

The day concluded with Dr. Preeti Bhatt's lecture Empowerment through Communication Skills

  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

**Day 3:** 15-01-2020

**Session: I**

The day started with Dr. Arka Prakash Majumdar's Google Site & Google Suite demonstration. It included building course website, classroom content hosting, management and version control.

**Session: II**

In the second session, Prof. Ranjan Gangopadhyay delivered a lecture on Articulating Research Proposals.

**Session: III & IV**

Dr. M. Amit Joshi presented Visio: Illustration tools and author aids followed by Dr. E. S. Pilli who presented on XFig and Dia: Illustration Tools & Author Aids.

**Session V:**

Dr. Preethi Bhatt. Presented a lecture on Adopting online blended learning in teaching and learning process. This was followed by Quiz 1.

**Day 4:** 16-01-2020

**Session: I**

Prof. Aparajitha Ojha presented a lecture on Development and Effectiveness of Digital Content Creation.

**Session: II**

Dr. Vineet Sahula introduced Mendeley for bibliography management. Necessary software was made available to the participants.

**Session: III & IV**

Prof. Vijay Laxmi and Dr. Amit M. Joshi introduced Beamer and Latex during the afternoon session.

**Day 5:** 17-01-2020

**Session: I**

The last day started with Dr. Satish Kumar's lecture on Understanding and Publishing in high quality journals

**Session: II**

Dr. Santosh Vipparthi lectured on Digital Content: Instructional Material and Presentations.

**Session: III**

Dr. Satyasai Jagannath Nanda demonstrated the use of Latex III – CBT for letters, certificates and reports

*Satyasaai Jagannath Nanda*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

The last and final session had online quiz-2 and valedictory ceremony with vote of thanks, participant feedbacks, and ended with certificate distribution to all the participants.

In total, there were 38 hours of Lectures and 2 Quizes.

**Photographs taken during the course of FDP**

**1. Participants registering and collecting kits**



**2. Participants during session**



*Jalpa Prasad*  
6/8/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**





3. Feedback by participants



*Satyo Anand*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

#### 4. Valedictory Ceremony



*Gatya Prasad*  
6/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

5. Group Photo Taken on 17<sup>th</sup> Jan 2020



\*\*\*\*\*

*Balysa Prasad*  
6/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

Stanley College of Engg. & Tech. for Women 2020-21  
# 5-78 to 82, Chapel Road,  
Abids, Hyderabad  
500001

IIITDMJE Work Shop Grants  
Ledger Account

1-Apr-2020 to 31-May-2021

Date	Particulars	Vch Type	Vch No.	Debit	Credit
25-3-2021	Dr SBI - 62079191810 Being work shop grants received.	Receipt	384		2,91,040.00
					2,91,040.00
	Cr Closing Balance			2,91,040.00	
				2,91,040.00	2,91,040.00

*Gatya Prasadil*  
6/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

## REGISTRATION

Name of the Applicant: ..... (in Bold letters)  
 Date: Name: .....  
 Category: ..... (Faculty / Industry Professional / Other) (Tick one)  
 Name of the Institution/Organization to which the candidate belongs: .....  
 Address for communication: .....

E-mail (preferably id@gmail.com): .....  
 Gender: Male / Female .....  
 Mobile No: .....  
 Date of birth and Age: .....  
 Aadhar Card No: .....  
 Do you belong to SC / ST: Yes / No (If Yes, attach photo copy of the proof)  
 Payment to be made based on the (DD/ Demand Draft/ Cheque/ Bank Transfer/ ID) Date: .....

Payment Mode	Bank Name	Demand Draft/Cheque No / Trans. ID	Date
DD / Ch/Online			

Highest educational qualification with specialization: .....  
 Communication required (attached as one of the E&ICT Academies) Yes / No  
**DECLARATION & Forwarding**

The information provided is true to the best of my knowledge and belief. (Declaration with Signature of the Applicant)

**REGISTRATION DEADLINE:**  
 29th Dec. 2019  
**DATE & VENUE:** 6th Jan. to 10th Jan. 2020  
 @Stanley College of Engineering & Technology  
 for Women

**REGISTRATION FEE(Refundable) :**  
 Rs. 1000 /-  
 Amount to be sent through Bank Transfer.

**Bank Account Details :**  
 A/c no-62079191810  
 IFSC-SBIN 0020066  
 Stanley College of Engineering &  
 Technology for Women, Abids

**FOR REGISTRATION:**  
 Visit: [www.stanley.edu.in](http://www.stanley.edu.in)

**Chief Patrons**  
 Sri. K Krishna Rao  
 Secretary & Correspondent

**Patrons**  
 Dr A Vinaya Babu, Director  
 Dr. Satya Prasad Lanka, Principal

**E&ICT Chief-Investigator**  
 Prof Aparajitha Ojha  
 Professor, IIITDM Jabalpur  
 Col.Neha Rawat(Rtd)  
 E&ICT Manager

**Convener**  
 Dr. K. Ramakrishna  
 Professor & Head, R&D  
 Nodal Center, E&ICT, SCETW

**Coordinators**  
 Dr. A.Kanaka Durga  
 Professor & HOD of I.T  
 Mrs.AfreenFatima Mohammed  
 Asst. Prof of I.T  
 Mr.T.Sandeep  
 Asst. Prof of I.T

**Correspondence:**  
 Stanley College of Engineering &  
 Technology for Women,  
 Abids, Hyderabad,  
 Telangana, India - 500001  
[www.stanley.edu.in](http://www.stanley.edu.in)  
 nlpfdp2020@gmail.com  
 Contact : 040 23234880  
 Coordinator Contact : 8008663722

**STANLEY COLLEGE OF ENGINEERING AND  
 TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana



**“Natural Language Processing”**  
 From  
 6th to 10th January 2020

**Organised by**  
 Department of IT

Stanley College of Engineering & Technology for Women  
 Affiliated to Osmania University  
[www.stanley.edu.in](http://www.stanley.edu.in)

*Satyaharshi*  
**PRINCIPAL**  
 COLLEGE OF ENGINEERING AND  
 TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
 Chapel Road, Abids, Hyderabad, Telangana

**About Us:**

Stanley College of Engineering and Technology for Women (SCETW)- a temple of learning, NBA & NAAC accredited, was established in the year 2008 on a sprawling 6-acres of historic campus at Abids, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition with a smile on the face and emerge victorious. SCETW has been established with the support of Methodist Church in India that has been gracious and instrumental in making the vision of an Engineering College on this campus a reality. The SCETW is affiliated to Osmania University and is approved by AICTE, New Delhi and the Government of Telangana. It has been sanctioned five UG-courses - Computer Engineering, Electronics and Communication Engineering, Computer Science & Engineering, Electrical and Electronics Engineering, Information Technology and PG courses - M.Tech in CSE, Embedded Systems & MBA.

We at Stanley aim to serve the state, nation and the world by creating knowledge, preparing students for lives of impact, and addressing critical societal needs through the transfer and application of knowledge. Stanley believes in providing a quality and holistic engineering education through a combination of experienced faculty, innovative programs and course work, and industry and institute collaboration in providing research and employment opportunities on campus. Stanley is driven by a brilliant team of faculty who has an unparalleled reputation for balancing excellence in their fields with a dedication to their students.

**About IT:**

The Department of Information Technology is NBA accredited. It was established in the year 2008. Currently have an intake of 120. The department comprises of well qualified and senior faculty. The department regularly organizes seminars, workshops, and guest lecturers for the students. Faculty development programs are organized for faculty to promote high standards in technical education. The department has made rapid strides in promoting excellence in engineering education by relentless pursuit of quality in teaching and training, keeping in mind the utility of students for future assignments in industries. The department has spacious classrooms,

air-conditioned seminar hall, and a well-equipped laboratory. The department has a dedicated computer lab with 62 systems, all in a networked environment. The department offers free high-speed Internet facility through 10 Mbps wireless RF connectivity. The department library provides useful resources to students. The department employs modern teaching aids and methodologies helping the students to keep abreast of the latest trends worldwide with updated infrastructure in tune with emerging technologies & future requirements. The department has been achieving consistently good results. Most of alumni found employment in highly reputed companies in India and abroad and a significantly large number of students have gone for higher studies in India and abroad.

**E & ICT Academy:**

With the objectives of 'Digital India' and 'Make in India', Department of Electronics and Information Technology, Government of India has instituted four Electronics and ICT Academies with one academy at IITDM Jabalpur in partnership with IITM Gwalior MANIT Bhopal, and IIT Indore. The Academy aims a running Training Programmes for faculty, students and unemployed graduates in fundamental areas as well as on the cutting edge technologies. In addition, the Academy will conduct specialized/customized Training Programmes and Research Promotion workshops for corporate sector and educational institutions.

**About IITDMJ:**

IITDM Jabalpur was established in 2005 with a focus on education and research in IT enabled Design and Manufacturing. Since its inception, PDPM IITDM Jabalpur has been playing a vital role in producing Quality human resources for contribution in India's mission of inclusive and sustainable growth. Under IIT act, the institute has been declared as Institute of National Importance in January 2015.

**About NLP:**

Natural language processing (NLP) is a branch of Artificial Intelligence that helps computers to understand, interpret and manipulate human language. NLP draws from many disciplines, including computer science and computational linguistics, in its pursuit to fill the gap between human communication and computer understanding.

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

**Course Content:**

Introduction and Text Classification  
Language Modeling & Sequence Tagging  
Vector Space Models of Semantics  
Syntactic Processing  
Sequence to Sequence Tasks  
Dialog Systems  
Unification-based NLP Semantics

**Program Objectives:**

To motivate participants to understand the steps involved in Natural Language Processing, language modeling, sequence tagging, modern tools for word and sentence embeddings and explore task oriented dialog systems such as Apple Siri, Amazon Alexa.

**Expected Outcomes:**

After the successful completion of the Training Programme, the participants will be able to:

1. Apply different steps of Natural Language Processing namely Lexical Analysis, Parsing, Semantic Analysis, Syntactic Processing.
2. Ability to perform sequence to sequence tasks
3. Ability to understand Dialog Systems, Unification- Based NLP and semantics.

**Resource Persons:**

Prospective External Experts:

- (i) Prof. Pushpak Bhattacharya, IITB
  - (ii) Dr. Asif Ekbal, IITP
  - (iii) Dr. Sriparna Saha, IITP
- Experts from host institutes:

- (i) Dr. Atul Gupta, IITDMJ
- (ii) Dr. J. P. Singh, NITP
- (iii) Dr. Namita Mittal, MNITJ

**Facilities & Benefits:**

1. Registration is Free (Rs.1000 Refundable on successful completion of FDP)
2. Expert Lectures with Hands on Sessions
3. Certificate from IITDM and E&ICT
4. Free Kit & Lunch, and Snacks
5. Transportation in College Buses
6. Free Membership in NLP Affinity Group

Eligibility: *anyone* open for faculty from Academia, Research scholars and Industry Professionals.

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



IIT Roorkee



MNIT Jaipur



NIT Patna



PDPM IIITDM Jabalpur



## Stanley College of Engineering & Technology for Women

Accredited by NBA (all eligible UG Courses) & NAAC 'A'

Grade Chapel Road, Abids, Hyderabad, India

### Invitation

You are cordially invited for inaugural session of

One Week Faculty Development Program

On

**Natural Language Processing**

*Organized by*

Department of Information Technology

In collaboration with

E&ICT Academy IIITDM Jabalpur

On

**6<sup>th</sup> January 2020 at 9.00AM**

**Venue: Lab 3&4, D-block**

**Chief Patron**

**Sri K.Krishna Rao**

**Correspondent, SCETW**

**Patrons**

**Dr A Vinaya Babu**

**Director, SCETW**

**Dr Satya Prasad Lanka**

**Principal, SCETW**

**Convener & Nodal Centre Coordinator**

**Dr.K.Ramakrishna**

**Head –R&D,SCETW**

**Coordinators**

**Dr. A. Kanaka Durga**

**Head-IT,SCETW**

**Mrs.Afreen Fatima Mohammed**

**Asst.Prof.,IT**

**Mr.T.Sandeep**

**Asst.Prof.,IT**

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**

**Chapel Road, Abids, Hyderabad, Telangana**

**STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**1-Week FDP on NATURAL LANGUAGE PROCESSING**  
**(6-10 JANUARY 2020)**

In association with  
**E&ICT Academy, IIITDM, JABALPUR**

Date/Time	9:00 AM - 9:30 AM	9:30AM - 11:00 AM	11:00AM -11:15 AM	11:10 AM - 1:15PM	1:15 PM- 2:00 PM	2:00 PM -3:00 PM	3:00 PM -6:00 PM
1/6/2020	Inauguration and Introduction with all remote centers	Introduction to NLP		Vector Space & Language Modeling		Text Classification	Lab 1
		<b>Prof. P. Bhattacharya</b>		<b>Prof. Atul Gupta</b>		<b>Dr. Namita Mittal</b>	
1/7/2020	Natural Language Syntax and Parsing and CYK Algorithm			Sentiment Analysis		Word Embedding	Lab 2
		<b>Prof. Atul Gupta</b>		<b>Dr. Asif Ekbal</b>		<b>Dr. Namita Mittal</b>	
1/8/2020	GMM and HMM Modelling			Summarization Systems		Sarcasm Detection	Lab 3 +Quiz 1
		<b>Dr. Gayadhar Pradhhan</b>		<b>Dr. Sriparna Saha</b>		<b>Dr. K. Satyababu</b>	
1/9/2020	Sequence to sequence tasks			Dialog Systems		Machine Translation	Lab 4
		<b>Dr. Hasanuzzaman</b>		<b>Dr. Asif Ekbal</b>		<b>Dr. Hasanuzzaman</b>	
1/10/2020	Chat-bot development			Attention Based Systems + Quiz 2		Coreference Resolution	Lab 5
		<b>Dr. Sriparna Saha</b>		<b>Dr. J. P. Singh</b>		<b>Dr. J. P. Singh</b>	
			Tea Break		Lunch Break		

*Satyababu*

PRINCIPAL

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
 Chapel Road, Abids, Hyderabad, Telangana





# Stanley College of Engineering & Technology for Women

Approved by AICTE & Affiliated to Osmania University  
Accredited by NBA (All eligible UG courses) & NAAC 'A' Grade  
Chapel Road, Abids, Hyderabad, Telangana - 500001

**"Empower Women - Impact The World"**



## One Week Faculty Development Programme

Jointly Organized by E&ICT Academies at

IIT Roorkee



MNIT Jaipur



NIT Patna



PDPM IITDM Jabalpur



# "Natural Language Processing"

6<sup>th</sup> to 10<sup>th</sup> January 2020

Organized by

Department of Information Technology

*Satyajit Prasad*

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

**Duration & Date of FDP:** 1-Week, 6<sup>th</sup>-10<sup>th</sup> January 2020

**Venue** : D-Block, Lab 3 & 4 @Stanley.

**Organizer** : Department of Information Technology

**Convenor** : Dr.RamaKrishna, Head of R&D Department

**Coordinators** : Dr.A.KanakaDurga, Head of IT Department

Mrs.Afreen Fatima Mohammed, Assistant Professor, IT Dept

Mr.T.Sandeep, Assistant Professor, IT Dept

**Participants** : Faculty from Academia, Research scholars and Industry Professionals

**No of Participants:** 53

**Theme of the FDP:** Natural language processing (NLP) is a branch of Artificial Intelligence that helps computers to understand, interpret and manipulate human language. NLP draws from many disciplines, including computer science and computational linguistics, in its pursuit to fill the gap between human communication and computer understanding.


### **Objectives:**

To motivate participants to understand the steps involved in Natural Language Processing , language modeling, sequence tagging , modern tools for word and sentence embeddings and explore task oriented dialog systems such as Apple Siri, Amazon Alexa.

### **Resource Persons:**

**Prospective External Experts:** (i) Prof. Pushpak Bhattacharya, IITB (ii) Dr. AsifEkbal, IITP (iii) Dr. SriparnaSaha, IITP

**Experts from host institutes:** (i) Dr. Atul Gupta, IIITDMJ (ii) Dr. J. P. Singh, NITP (iii) Dr. Namita Mittal, MNITJ Facilities

  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

## Contents of FDP:

Course 5: Natural Language Processing

6<sup>th</sup> – 10<sup>th</sup> Jan, 2020

Prospective External Experts: (i) Prof. Pushpak Bhattacharya, IITB (ii) Dr. Asif Ekbal, IITP (iii) Dr. Sriparna Saha, IITP

Experts from host institutes- (i) Dr. Atul Gupta, IIITDMJ (ii) Dr. J. P. Singh, NITP (iii) Dr. Namita Mittal, MNITJ

### Module Details of Natural Language Processing

S.No.	Module Name	Topics
1.	Intro and Text Classification	Processing Text using Perl, Use of Regular Expressions, Elements of Morphology, Character N-gram Based Text Mining, Text Classification
2.	Language Modelling and Sequence Tagging	Texts as sequences of words. language modeling and use for suggests in search, machine translation, chat-bots, etc predict a sequence of tags for a sequence of words. part-of-speech tags, named entities or any other tags, Probabilistic Modeling, N-grams Model, HMM Model, Sum-product Algorithms
3.	Vector Space Models of Semantics	Higher abstraction for texts: vectors representing meanings traditional models of distributional semantics, cover modern tools for word and sentence embeddings, such as word2vec, Fast Text, Star Space
4	Syntactic Processing	Phrase Structure and Natural Language Syntax, Chart Parsing and CYK Algorithm, Probabilistic Context-Free Grammars
5	Sequence to Sequence Tasks	A sequence to sequence task: machine translation, summarization, question answering, a general encoder-decoder-attention architecture
6	Dialog Systems	Task-oriented dialog systems like Apple Siri or Amazon Alexa. main building blocks of such systems namely Natural Language Understanding (NLU) and Dialog Manager (DM)
7	Unification-based NLP and Semantics	First-order Predicate Logic and Resolution, Classical and Feature-structure Unification, Unification-based Grammars

**Benefits:**

1. Registration is Free (Rs.1000 Refundable on successful completion of FDP)
2. Expert Lectures with Hands on Sessions
3. Certificate from IIITDM and E&ICT
4. Free Kit & Lunch, and Snacks
5. Transportation in College Buses
6. Free Membership in NLP Affinity Group.

**LIST OF REGISTERED PARTICIPANTS**

S.NO	Name (Prof./ Dr./ Mr./ Mrs) *
1	MOHAMMED ABDUL RAWOOF
2	C.Jyothi Sree
3	Salma Begum
4	Rayees Fatima
5	M.Purnachary
6	Palanati Durgaprasad
7	Dr.Konke.Gowreswararao
8	Dr. Kolleti Ravibabu
9	Neha unnisa
10	Akankshya Mishra
11	S.GANGA
12	JavedAkhtar Khan
13	K.Jaya Sudha
14	Neha Naznein
15	G.Purna Chandar Rao
16	Madhu Nakera Kaviti
17	P.Narayana
18	Keerthi Karadi
19	Saida D
20	Dr A Kanaka Durga
21	Mrs.G.Sreelatha
22	Anusha kondepati
23	Mrs.Afreen Fatima Mohammed
24	Ch M Shruthi
25	T Sandeep
26	kollimarla Nagamani
27	Mrs.T.C.Swetha Priya
28	Mrs.Y.V.Sreevani
29	Uzma Shireen
30	K.Swarnalatha
31	Amtul sana amreen
32	ASMA BEGUM

33	M SWAPNA
34	Dr.Pragathi
35	Mrs P.Prasanthi
36	Mrs. Sumayya Afreen
37	Ms. Shugufta Fatima
38	Mrs.K.Vaidehi
39	Dr.D.Shravani
40	Mrs. M.Sowmya
41	Mrs. Heerekar Meenal
42	T Monika Singh
43	Mrs B Revathi
44	Mrs.Sherlin Shobitha
45	R.Sirisha
46	Anjum Saba Afsheen
47	Dr. K.RamaKrishna
48	Dr.Srinivasu B
49	S.Priya Nandini
50	KOLUKULURI SRILATHA
51	B.Santhoshini
52	Dr.R.Manivannan
53	Dr.G.V.S Raju

## DAY 1

The summary of the session and the learning's from the expert are as follows:

<b>Day Schedule</b>	
<b>Timings</b>	<b>Topics</b>
9:00 AM - 9:30 AM	Inauguration and Introduction with all remote centers
9:30AM - 11:00 AM	Introduction to NLP, Prof. P. Bhattacharya
11:00AM -11:15 AM	<b>Tea Break</b>
11:15 AM - 1:15PM	Vector Space & Language Modeling, Prof. Atul Gupta
1:15 PM-2:00 PM	<b>Lunch Break</b>
2:00 PM -3:00 PM	Text Classification, Dr. Namita Mittal
3:00 PM -6:00 PM	<b>Lab 1</b>

*Satyavardhini*

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
-Chapel Road, Abids, Hyderabad, Telangana

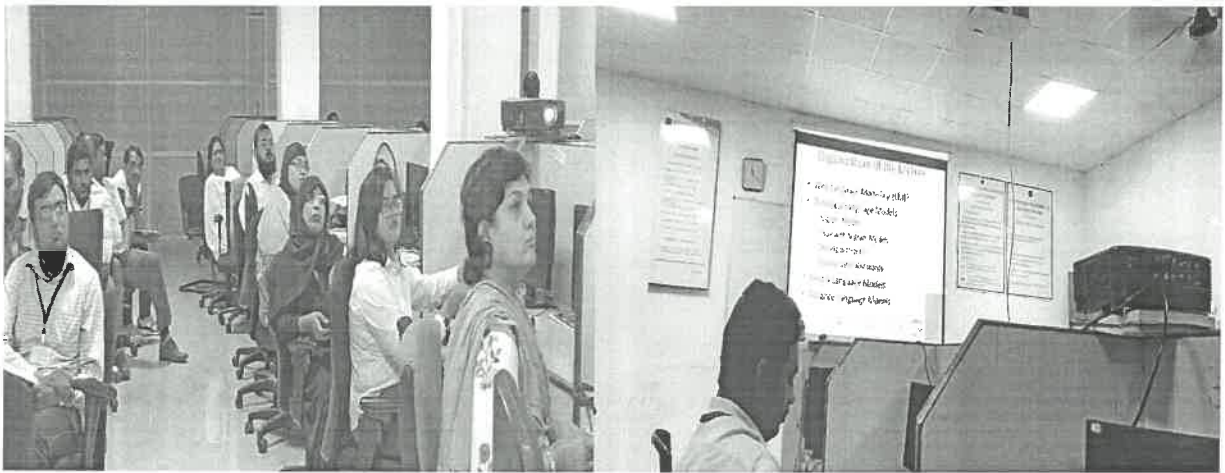
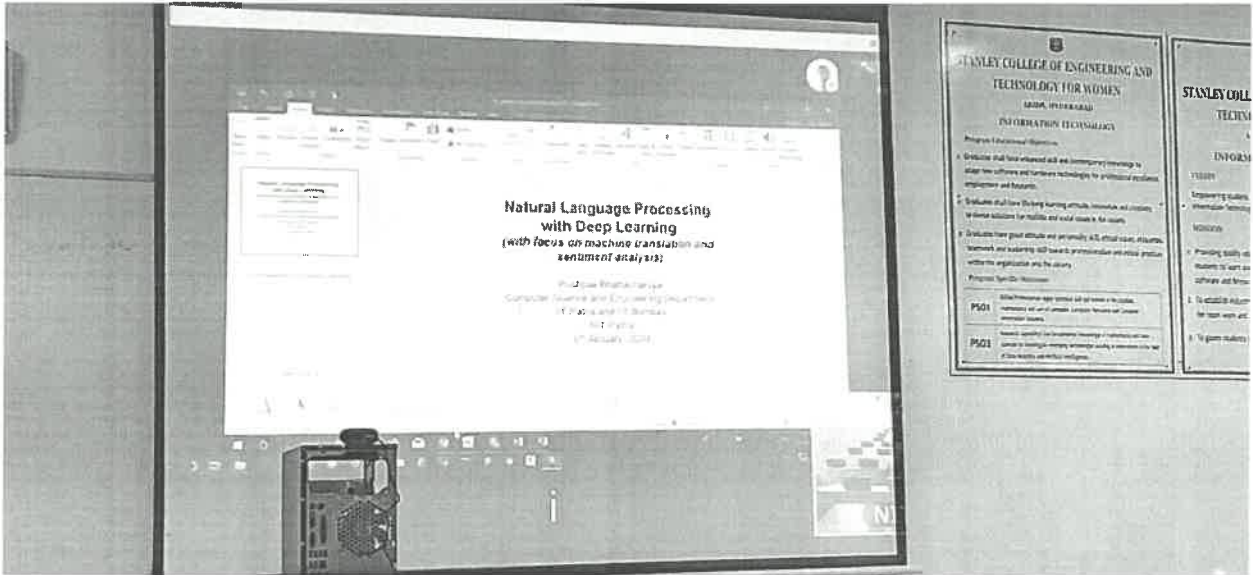
**INAUGURAL SESSION**



**Convenor Dr. Ramakrishna, Head of R&D Department, addressing the gathering**



*Satya Prasad*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



*Bhatnagar*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
 Chapel Road, Abids, Hyderabad, Telangana.

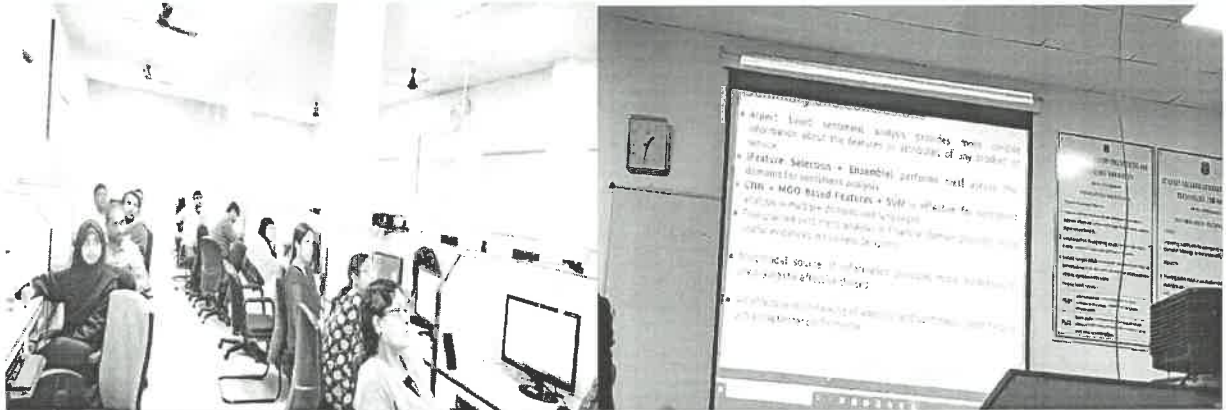
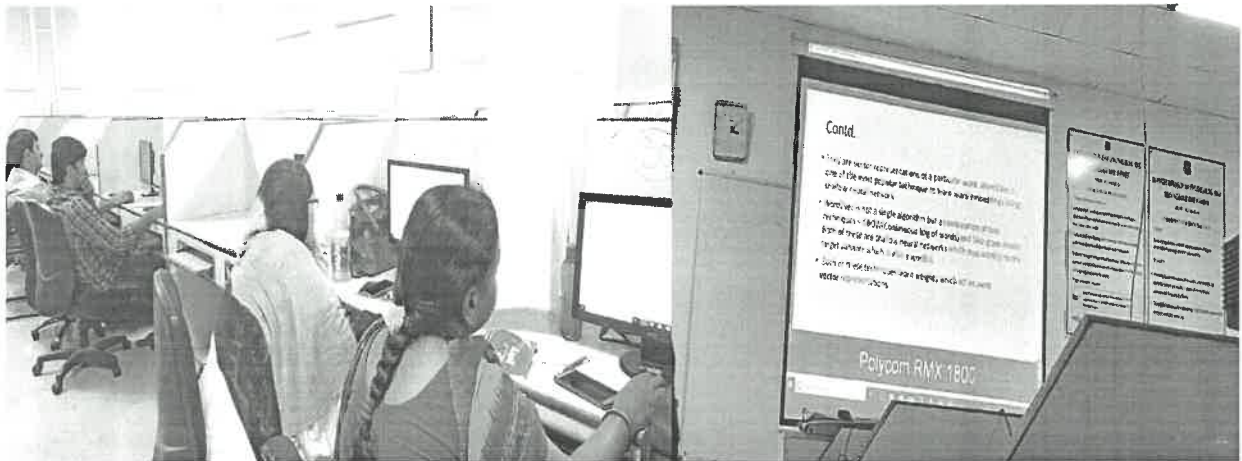


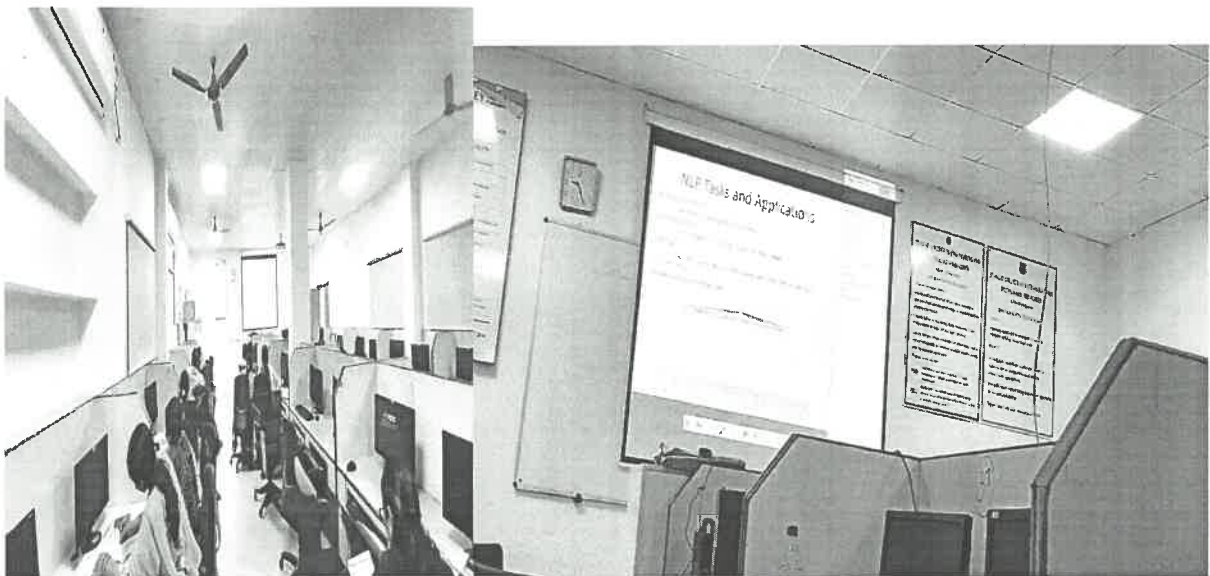
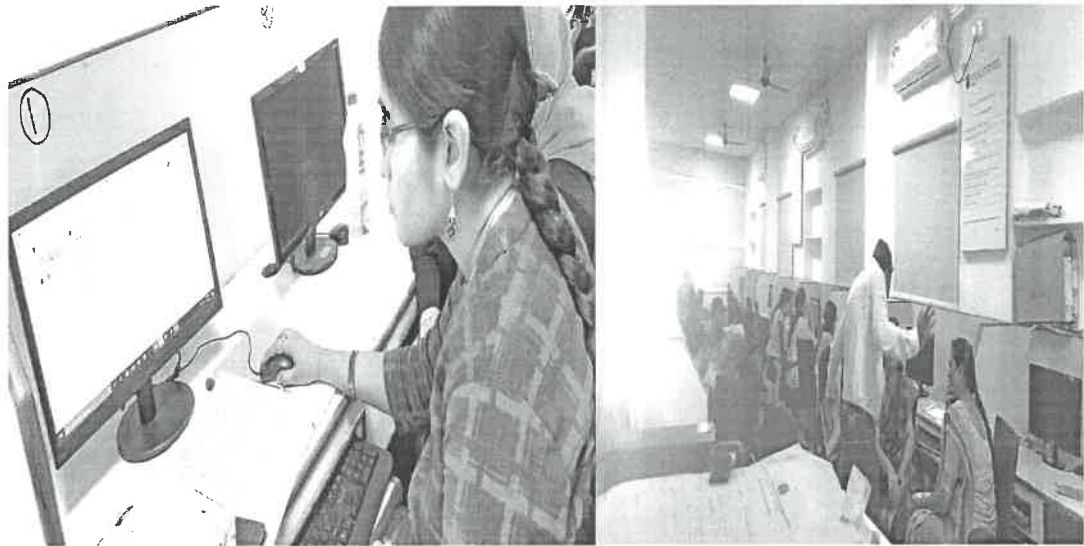
DAY 2:

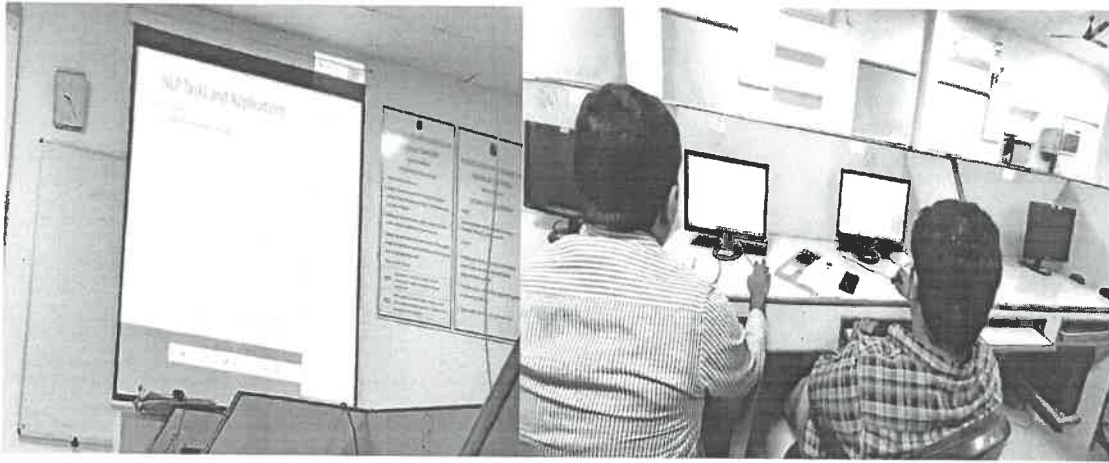
<b>Day Schedule</b>	
<b>Timings</b>	<b>Topics</b>
9:00 AM - 9:30 AM	Natural Language Syntax and Parsing and CYK Algorithm, Prof. Atul Gupta
9:30AM - 11:00 AM	
11:00AM -11:15 AM	<b>Tea Break</b>
11:15 AM - 1:15PM	Sentiment Analysis, Dr. AsifEkbal
1:15 PM-2:00 PM	<b>Lunch Break</b>
2:00 PM -3:00 PM	Word Embedding, Dr. Namita Mittal
3:00 PM -6:00 PM	<b>Lab 2</b>









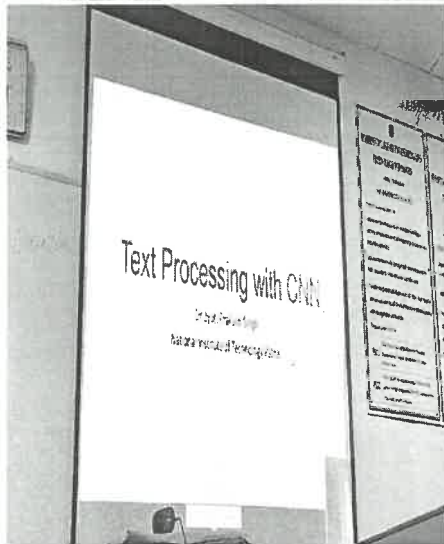


DAY 3:

<b>Day Schedule</b>	
<b>Timings</b>	<b>Topics</b>
9:00 AM - 9:30 AM	GMM and HMM Modelling, Dr. GayadharPradhhan
9:30AM - 11:00 AM	
11:00AM -11:15 AM	<b>Tea Break</b>
11:15 AM - 1:15PM	Summarization Systems, Dr. SriparnaSaha
1:15 PM-2:00 PM	<b>Lunch Break</b>
2:00 PM -3:00 PM	Sarcasm Detection, Dr. K. Satyababu
3:00 PM -6:00 PM	<b>Lab 3 + Quiz 1</b>



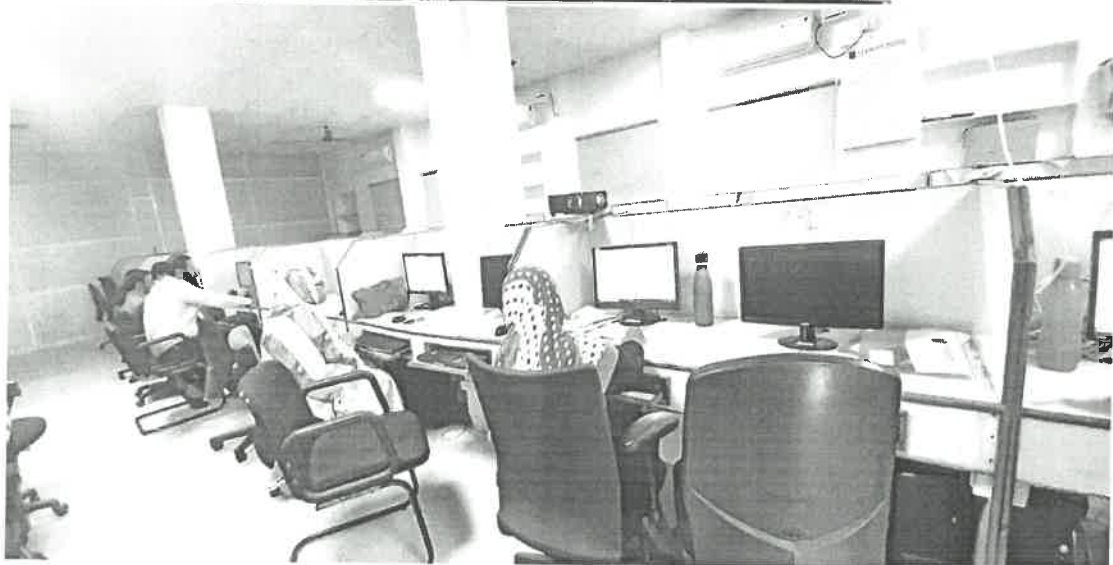
*Satyababu*



*Gayatri Prasad*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

DAY4:

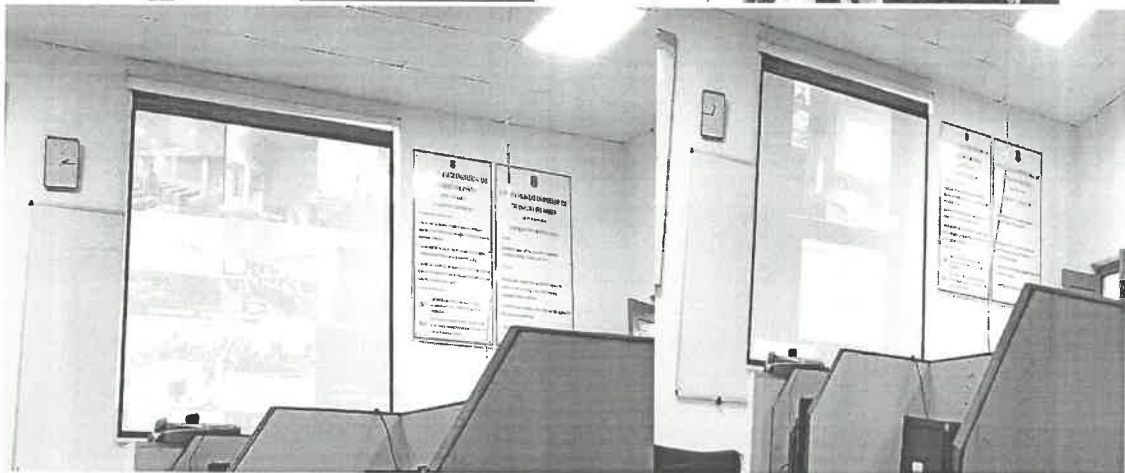
<b>Day Schedule</b>	
<b>Timings</b>	<b>Topics</b>
9:00 AM - 9:30 AM	Sequence to sequence tasks, Dr. Hasanuzzaman
9:30AM - 11:00 AM	
11:00AM -11:15 AM	<b>Tea Break</b>
11:15 AM - 1:15PM	Dialog Systems, Dr. AsifEkbal
1:15 PM-2:00 PM	<b>Lunch Break</b>
2:00 PM -3:00 PM	Machine Translation, Dr. Hasanuzzaman
3:00 PM -6:00 PM	<b>Lab 4</b>



*Batya Prasad*

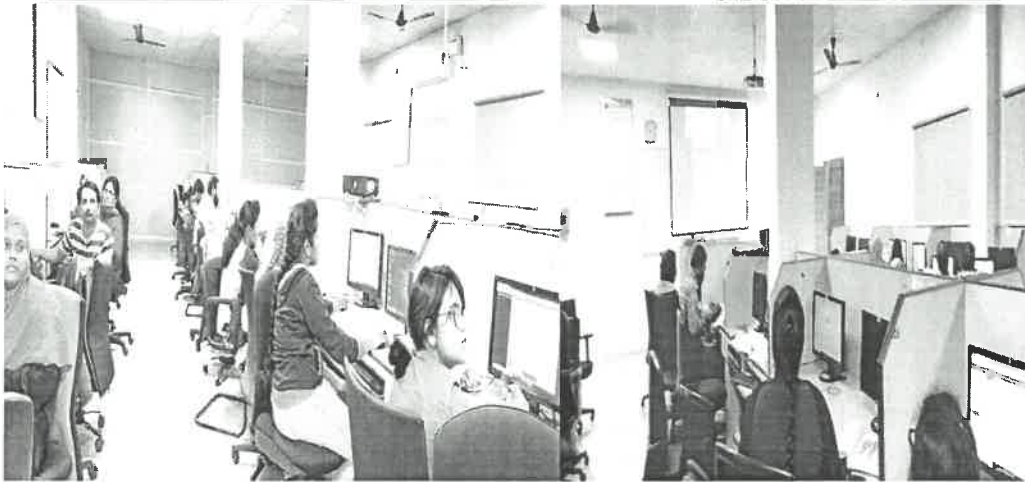
**PRINCIPAL**

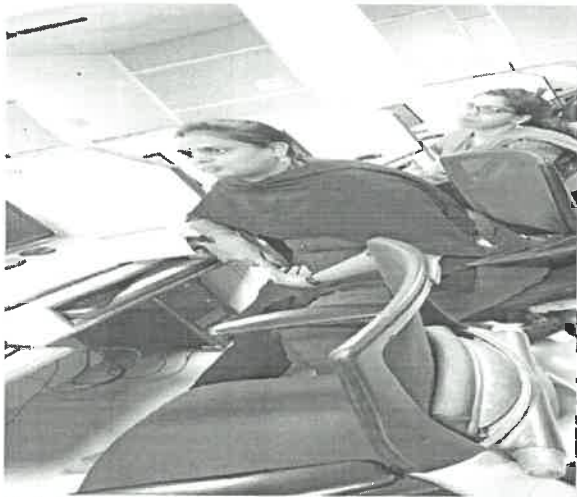
**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana.



*Balysarasdilli*

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana.





DAY 5:

*Patya Kaur*

**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



## Day Schedule

Timings	Topics
9:00 AM - 9:30 AM	Chat-bot development, Dr. SriparnaSaha
9:30AM - 11:00 AM	
11:00AM -11:15 AM	<b>Tea Break</b>
11:15 AM - 1:15PM	Attention Based Systems, Dr. J. P. Singh + Quiz 2
1:15 PM-2:00 PM	<b>Lunch Break</b>
2:00 PM -3:00 PM	Coreference Resolution, Dr. J. P. Singh
3:00 PM -6:00 PM	<b>Lab 5+ Valedictory Session</b>





*Balys Prasad*

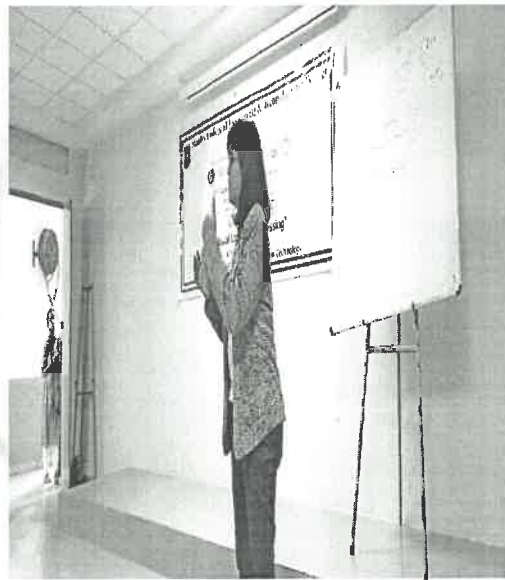
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

## VALDECITORY SESSION

### PRINCIPAL ADDRESSING THE PARTICIPANTS



### FEEDBACK GIVEN BY THE PARTICIPANTS



*Balysa Prasad*

**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



*Gatya Kaur*

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



*Bathya Prasad*

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



*Gatya Anand*

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana**



*Baliga Prasad*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



*Catya K. Prasad*  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana







*Gatya Prasad*  
**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**MODROB - Sanction Letter**

F.No.9-162/IDC/MODROB/Policy-1/2019-20

Date: 20.07.2020

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Subject:** Release of a sum of **Rs.1061835/-** (Rupees Ten Lakh SixtyOne Thousand Eight Hundred ThirtyFive Only) being the 1<sup>st</sup> installment **Grant-in-Aid** under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year 2019-20 payable during the current financial year 2020-21- reg.

ir.

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for amount of **Rs.1327294/-** (Rupees Thirteen Lakh TwentySeven Thousand Two Hundred NinetyFour Only) as mentioned Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details as below:

Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN, # 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001		
Title of Project:	IoT and Smart Sensors Lab		
Name of Coordinator:	Mr. GOPALA ATCHUTANNA		
Duration of the project:	2 years		
Total Grant-in-aid Sanctioned:	<b>Total:</b> Rs.1327294/-	Non-Recurring (85%): Rs.1128199/-	Recurring (15%): Rs.199094/-
Amount to be released during the year 2020-21:	<b>1<sup>st</sup> Installment</b> Rs.1061835/-	Non-Recurring (85%): Rs.902559/-	Recurring (15%): Rs.159275/-
Sanctioned grant-in-aid is debatable to:	<b>Major Head 601.18(a) Gen. (Plan Head)</b>		

The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.

This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

**Instructions/guidelines to be followed by University/Institution**

**Release of funds**

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

F.No.9-162/IDC/MODROB/Policy-1/2019-20

*Gatya Prasad*  
6/2/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATT5754E	STATE BANK OF INDIA	GUNFOUNDRY	GUNFOUNDRY, ABIDS	PRINCIPAL, STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN	Current Account	62079191810	SBIN0020066

In case of any omission the same should be reported to AICTE immediately.

- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

#### II. Maintenance of accounts

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-162/IDC/MODROB/Policy-1/2019-20 dated 20.07.2020 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

#### III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2020-21, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the

F.No.9-162/IDC/MODROB/Policy-1/2019-20

*Gatya Anandil.*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

amount will be refunded to AICTE.

- d. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- e. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

**IV. Submission of documents by college/institution after completion of Project/Subsequent years.**

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be asunder:
  - (i) Principal/Director/Registrar of the Institution(Chairperson)
  - (ii) Coordinator of the project (Member Secretary),
  - (iii) Two HODs and one subject expert(Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment's purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

**V. General instructions**

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File

F.No.9-162/IDC/MODROB/Policy-1/2019-20

*Satyajit Prasad*  
6/8/2024

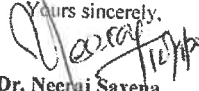
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

No.9-1/RIFD/MOD/Policy-1/2019-20 in your future correspondence.


- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d. The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. The grantee. Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

**List of Equipment's approved:**

Name of Equipments
Relay and driver
Ultrasonic sensors
Models Preparation
Bread boards
9V battery
Cloud access
GSM + GPS Breakout module Adafruit Fona 808 Mini Cellular GSM + GPS Breakout Board To track your location all over the globe and sending the messages during emergency
Wifi Shield for Arduino
Temperature sensor
Air Quality SENSOR
Gas sensor
Gas Sensor
Humidity sensor
16x2 LCD
Accelerometer
Enclosures
Solar Panel
Spectrum Analyser
Network simulator software
Arduino MEGHA boards with data cable.
Logic Level Convertor 8-channel
RF Transceiver (LoRa) Mikroe

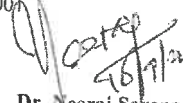
Yours sincerely,  
  
Dr. Neeraj Saxena  
Advisor - II (IDC)

F.No.9-162/IDC/MODROB/Policy-1/2019-20


  
6/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

Copy forwarded for information and necessary action to:

1. **Name and Address of the Coordinator,**  
Mr. GOPALA ATCHUTANNA  
STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN,  
# 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001 500001
2. **The Registrar / Director / Principal,**  
**Name and Address of the Coordinator,**  
Mr. GOPALA ATCHUTANNA  
STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN,  
# 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001 500001
3. **Guard File**

  
Dr. Neeraj Saxena  
Advisor - II (IDC)

F.No.9-162/IDC/MODROB/Policy-1/2019-20

  
6/8/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**



**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)  
**MODROB - Sanction Letter**

F.No.9-68/IDC/MODROB/Policy-1/2019-20

Date: 20.07.2020

To

The Drawing and Disbursing Officer,  
All India Council for Technical  
Education, Nelson Mandela Marg,  
Vasant Kunj, New Delhi - 110070

**Sub:** Release of a sum of **Rs.898196/- (Rupees Eight Lakh NinetyEight Thousand One Hundred NinetySix Only)** being the **Grant-in-Aid** under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year **2019-20** payable during the current financial year **2020-21**- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.1122745/- (Rupees Eleven Lakh TwentyTwo Thousand Seven Hundred FourtyFive Only)** as Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN, # 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001		
2.	Title of Project:	Data Supervision and Computing lab		
3.	Name of Coordinator:	Dr. RAMANA MURTHY BHAMIDIPATI		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	<b>Total:</b> Rs.1122745/-	Non-Recurring (85%): Rs.954333/-	Recurring (15%): Rs.168411/-
5.	Amount to be released during the year 2020-21:	<b>1<sup>st</sup> Installment</b> Rs.898196/-	Non-Recurring (85%): Rs.763466/-	Recurring (15%): Rs.134729/-
6.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

**The instructions/guidelines to be followed by University/Institution**

**1. Release of funds**

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

F.No.9-68/IDC/MODROB/Policy-1/2019-20

*Gatya Prasad*  
6/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**



Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT15754E	STATE BANK OF INDIA	GUNFOUNDRY	GUNFOUNDRY, ABIDS	PRINCIPAL, STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN	Current Account	62079191810	SBIN0020066

In case of any omission the same should be reported to AICTE immediately.

- The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- 100% grant of the sanctioned amount is being released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- To self-financed/Pvt. Institutions 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

#### ii. Maintenance of accounts

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F.No.9-68/IDC/MODROB/Policy-1/2019-20 dated 20.07.2020 issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant AICTE.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- The Council or its nominee shall have the right to check /verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

#### iii. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2020-21, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the

F.No.9-68/IDC/MODROB/Policy-1/2019-20

*Chandra Prasad*  
Stanley College  
Chaparrin  
College Code: 1000

amount will be refunded to AICTE.

- d. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- e. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

#### IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
  - (i) Principal/Director/Registrar of the Institution (Chairperson)
  - (ii) Coordinator of the project (Member Secretary),
  - (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- n. Photographs of equipment's purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

#### V. General instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File

F.No.9-68/IDC/MODROB/Policy-1/2019-20

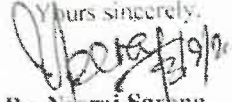
*Chaitanya Prasad*  
Stanley College of Engg. & Tech. For Women  
Chapel Road, Abies, Hyderabad-01,  
College Code: 1606

No.9-1/RIFD/MOD/Policy-1/2019-20 in your future correspondence.

- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e.GFR-19.
- d. The College / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

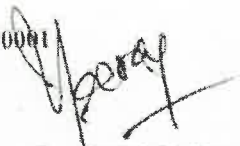
**List of Equipment's approved:**

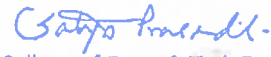
Name of Equipments
NETGEAR ReadyNAS 202
Software
Desktop Computer Systems

Yours sincerely,  
  
Dr. Neeraj Saxena  
Advisor - II (IDC)

Copy forwarded for information and necessary action to:

1. Name and Address of the Coordinator,  
Dr. RAMANA MURTHY BHAMIDIPATI  
STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN,  
# 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001 50000J
2. The Registrar / Director / Principal,  
Dr. RAMANA MURTHY BHAMIDIPATI  
STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN  
# 5-9-78 TO 82, B-1-80 & 5-9-81, CHAPEL ROAD, ABIDS, HYDERABAD - 500001 500001
3. Guard File

  
Dr. Neeraj Saxena  
Advisor - II (IDC)

  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-01.  
College Code: 1606

Dated: 24<sup>th</sup> June, 2020

F. No.67-5/IDC/GOC/POLICY-5/2019-20

**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**GOC - Sanction Letter for E-Conference**

**To**  
The Director/ Principal/ Registrar  
Stanley College of Engineering & Technology  
for Women, # 5-9-78 to 82, B-1-80 & 5-9-81,  
Chapel Road, Abids, Hyderabad, Telangana-500001

**Subject:** To organize Conference in online mode i.e. **E-Conference** under the scheme **Grant for Organizing Conference (GOC)**-reg.

Sir/ Madam,

With reference to the proposal submitted by your institute, this is to convey that an amount of Rs. **1,63,333/- (Rupees One lakh sixty three thousand three hundred thirty three only)** was sanctioned and released to your institute in the month of March-2020 for organizing Conference under the scheme **Grant for Organizing Conference (GOC)**, as per details given below:

1.	Name and address of the Beneficiary Institution:	<b>Director/ Principal/ Registrar</b> Stanley College of Engineering & Technology for Women, # 5-9-78 to 82, B-1-80 & 5-9-81, Chapel Road, Abids, Hyderabad, Telangana-500001
2.	Permanent ID of Institute:	1-6531631
3.	Title of Conference:	National Conference for Women on Innovations in Science, Engineering and Technology
4.	Name of Coordinator:	Dr. Vaidehi K

The grant was released to the institute's account as per details given in table below:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT T575 4E	STATE BANK OF INDIA	GUNFOU NDRY	GUNFOUND RY, ABIDS	PRINCIPAL/DIRECTOR, STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN	Current Account	6207919 1810	SBIN0020 066

The grant was released to organize the conference in physical mode, but due to outbreak of COVID-19, the Council has decided to give option to the institutions to organize the conference in online mode only i.e. E-Conference with additional terms and conditions.

**Note:**

1. If your institute has organized the conference in the stipulated time, then you are intimated to submit the requisite documents along with balance amount, if any.
2. If your institute has not organized the conference after receipt of grant, then you are allowed to organize the conference in online mode i.e. E-Conference within 6 months of receipt of this letter.
3. If your institute does not want to organize the **E-conference**, then you are required to refund the complete grant along with the interest accrued thereon.
4. The grant from AICTE will be **Rs. 50,000 or 1/3<sup>rd</sup> of the total expenditure incurred** for organizing the **E-Conference**, whichever is lesser. Rest amount is required to be refunded to AICTE.

Page-1  
*Satyajit Prasad*  
**PRINCIPAL** 24/6/2020  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

## The instructions/guidelines to be followed by College/Institution

### I. Limit of Funding

- The grant from AICTE will be **Rs. 50,000** or **1/3<sup>rd</sup> of the total expenditure incurred** for organizing the **E-Conference**, whichever is lesser.
- The balance amount should be immediately refunded to AICTE with interest accrued thereon.

There may be the following expenditure heads under **E-Conference**:

- Certificate/Brochure and other documents designing.
- Conference website designing & updating.
- Honorarium to Experts/ Resource Persons.
- Publication of proceedings.
- Miscellaneous.

### II. Submission of documents by college/institution to AICTE on receipt of this letter/grant

- The Acceptance letter with dates for Organizing **E-Conference** should reach this office within 15 days from the date of receipt of this Sanction Letter duly signed and sealed by Coordinator and Head of the institution along with permission/clearance of Govt. of India for organizing E-Conference.

### III. Maintenance of accounts


- The Institute shall strictly follow the provisions laid down in this Letter No. F. No. 67-5/ IDC/GOC/Policy-5/2019-20 dated: 24-06-2020 issued by this office. All correspondence related to the conference must contain this number along with year of sanction of the conference failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grant.
- The Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

### IV. Refund of grant to AICTE (by way of a demand draft in favour of Member Secretary, AICTE, New Delhi)

- In case the event is cancelled or institute does not want to organize the E-Conference, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- The grant shall be refunded to AICTE if the Letter of Approval (LOA) or Extension of Approval is not issued by AICTE to the institute for the academic year 2019-20.
- The proposed/approved **E-Conference** shall be conducted within 6 months from the date of receipt of this letter. If **E-conference** is not conducted within stipulated time period, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE within one month, failing which penalty @ 18% will be levied.
- Interest accrued on the grant released, shall be refunded to AICTE.
- No payment is permissible against the conference **already conducted** before the receipt of grant. Institutions are liable to refund the grant if received after the conduct of conference and have no plan of conducting the **E-conference** ahead.
- As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

### V. Submission of documents by college/institution to AICTE after conduct of conference

The following documents must be submitted to AICTE within a period of one month, from the date of conduct of Conference:

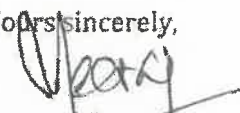
  
**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

- a. Feedback form in the prescribed proforma.
- b. Original Statement of actual Expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- c. Copy of the proceedings/Project completion report.
- d. Attested photocopies of supporting vouchers/bills of expenditure incurred for Organizing Conference.
- e. Soft copy of photographs of conference.
- f. One video of 1-minute duration mentioning: (i). Introduction of the Coordinator mentioning the name and state of institute. (ii). Conference details and achievements attained through Conference (iii). How the Conference was beneficial to students, faculty and institute? (iv). Thanking message for AICTE support.

#### VI. General instructions

- a. Any Change in the programme for holding Conference, change of Coordinator name, Venue and Date should be effected with prior approval of the Council, failing which the sanction for the grant already issued would be treated as automatically withdrawn.
- b. The assets acquired wholly or substantially of the All India Council for Technical Education's grants shall not be disposed or encumbered or utilized for the purposes other than those for which it was given without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.
- c. The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/support from AICTE, carrying the Logo of AICTE in conference and other means.
- d. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

Yours sincerely,


  
Neera Saxena  
Advisor (IDC)

Copy forwarded for information and necessary action to:

#### 1. Name and Address of the Coordinator

**Dr. Vaidehi K,**  
Stanley College of Engineering & Technology for  
Women, # 5-9-78 to 82, B-1-80 & 5-9-81, Chapel Road,  
Abids, Hyderabad, Telangana-500001

#### 2. Guard File

  
**PRINCIPAL** 6/3/2024  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



# STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN (AUTONOMOUS)

(Approved by AICTE & Affiliated to Osmania University, Accredited by NBA & NAAC 'A' Grade)

## Acceptance Letter

Date: 04-06-2022

To,  
The Adviser  
Institutional Development Cell,  
All India Council for Technical,  
Education, Nelson Mandela Marg,  
VasantKunj, NewDelhi-110070

Subject: Submission of Acceptance of Offer and Terms & Conditions for project sanctioned under SPICES scheme.

Sir,

With reference to your Offer Letter No.F.No.10-174/AICTE/IDT/SPICES/2021-22 (Application No.1-11068723852) dated 25-05-2022. It is to inform that, we accept the offer of SPICE project given for the development of proposed student club. Also, we hereby commit for contribution of Rs.1,00,000 as proposed in our application.

We accept Terms & Conditions mentioned in the Offer Letter

Dr.Guntha Karthik  
Coordinator  
Associate Professor  
Dept. of E.C.E.  
Stanley College of Engineering  
and Technology for Women (Autonomous)  
Abids, Hyderabad-500 001



Dr. Satya Vrasad Lanka  
Head of Institute

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana.

6/8/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

12/5/22, 10:59 PM

Yahoo Mail - Offer for the project sanctioned under SPICES scheme against the Application No:1-11068723852 -reg

**Offer for the project sanctioned under SPICES scheme against the Application No:1-11068723852 -reg**

From: spicesidc@aicte-india.org

To: gunthakarthis@rocketmail.com; gurralamalli49@gmail.com

Date: Sunday, May 29, 2022 at 12:17 AM GMT+5:30

**Greetings**

It is informed that the proposal submitted by your institute STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN under Scheme for Promoting Interests, Creativity & Ethics among Students (SPICES) has been sanctioned by the Council and Offer Letter regarding the same is available online on the SPICES Review portal. To confirm the sanction of project it is mandatory to upload the Acceptance Letter (available on SPICES Review portal) within 7 days and also send us a hard copy of Acceptance Letter on the below address.

**Address:**

The Adviser  
Institutional Development Cell,  
All India Council for Technical Education,  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

about:blank

*Gatya Prasad*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**





## All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



### AICTE Training and Learning (ATAL) Academy, (Online FDP)

Date: 16/6/2021

F. No. 01 /AICTE/ATAL-HQ/2020-21 123(21)

To

The Principal / Director,  
Stanley College of Engineering and Technology for Women  
H. No. 5-78 to 82, B-1-80 & 5-9-81, Chapel Road, Fateh Maidan, Abids, Hyderabad, Telangana

Coordinator Mr./ Ms. Guntha Karthik

### Sub: Release of a sum of Rs 93,000 /- for AICTE Training and Learning (ATAL) Academy Online FDP.

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000 /- (Rupees Ninety -Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy FDP Advances in Electronics and Communication Engineering for Industrial Applications (from 7/26/2021 to 7/30/2021) to Stanley College of Engineering and Technology for Women, H. No. 5-78 to 82, B-1-80 & 5-9-81, Chapel Road, Fateh Maidan, Abids, Hyderabad, Telangana under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

#### The instructions/guidelines to be followed by University/Institution

##### I. Release of funds and maintenance of accounts

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1 Honorarium to Coordinator Rs 10,000/-

2 Honorarium for computer operator Rs 2,000/-

3 Honorarium for experts (Rs.5000/session for 14 sessions) Rs 70,000/-

4 Provision for payment to Lab Attendant Rs 1,000/-

5 Miscellaneous charges (petty expenses not covered above) Rs 10,000/-

**TOTAL = Rs.93,000/-**

Programmes having permission to change amounts under different heads with overall ceiling of Rs 0.93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

##### II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

##### III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.

*Guntha Karthik*  
11/3/24

- The certificates shall be issued to those participants who have been approved by coordinator, attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.

#### IV. Submission of documents by university/institution


- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: -
  - (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.
  - (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement etc. within one month of conduct of AICTE Training and Learning (ATAL) Academy programme.
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

#### V. General Instructions

- a. Maximum 200 participants may be allowed to attend online FDP. Coordinators are free to admit a smaller number of participants depending on the feasibility.
- b. A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate.
- c. These online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on youtube of google drive share recording link of sessions with AICTE.
- d. **Eligibility for Participants:**
  - a. The faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host institutions.
  - b. Not more than 30% from Host Institution
- e. If programme is not conducted in the financial year year 2021 only, the released amount has to be returned back to AICTE.
- f. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- g. FDP title name, name of coordinator, institute name is not allowed to change without permission however schedule dates mat be changed with information ATAL Academy cell and Regional Office.

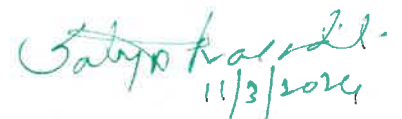
This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,

  
16.6.21  
RO Concerned

Copy forwarded for information and necessary action to: -

1. Coordinator ATAL Programme
2. ATAL Academy Cell AICTE HQ
3. Guard File

  
11/3/2024

**AICTE Training And Learning (ATAL) Academy Programme****STATEMENT OF EXPENDITURE**

AICTE File No.(Sanction letter file No.) :F.No.01/AICTE/ATAL-HQ/2020-21\_123(21) dated 16-6-2021.

Title of the Programme : **Advances in Electronics and Communication Engineering for Industrial Applications**

Application No. 1614874822

Name of the Coordinator: **Dr Guntha Karthik**

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (in each head)	No.of Participants	Duration of the Programme (with dates)
F.No.01/AICTE/ATAL-HQ/2020-21_123(22) dated 16-6-2021	93000	1. Honorarium to Coordinator Rs.2000/- per day x 5 days	10000	200	26-7-2021 to 30-7-2021
		2. Honorarium to Computer operator	2000		
		3. Honorarium for experts (Rs.5000 per session for total 14 session).	70000		
		4. Provision for payment to Lab Attendant	1000		
		5. Miscellaneous charges(Petty Expenses not covered above)	10000		
		Total	93000		
		Grant Received	93000		
Balance to be Received	NIL				

*Dr Guntha Karthik*  
 Associate Professor  
 Dept. of E.C.E.  
 Stanley College of Engineering  
 and Technology for Women (Autonomous)  
 Abids, Hyderabad-500 001.

*Satyam Prasad*  
 PRINCIPAL  
 Stanley College of Engg. & Tech For Women  
 Head of Institution, Abids, Hyderabad-500 001.

*[Signature]*  
 Accounts Officer  
 Stanley College of Engg. & Tech For Women (Autonomous)  
 Abids, Hyderabad-500 001, T.S.  
 (3) Signature (with Seal) of the Finance Officer/  
 Auditor/Accounts Officer  
 (If it is Govt./Govt. Aided Institute)

(4) Signature of Chartered Accountant:  
 Name of Chartered Accountant:  
 Membership No:  
 Rubber stamp:  
 Full Address:  
 Date: *11/3/24*

Note:-If it is more than one page, each page must be signed in all annexure

# STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Private Un-aided Non-minority Autonomous Institution)  
(Accredited by NAAC with "A" Grade, Accredited by NBA)  
Affiliated to Osmania University and Approved by AICTE  
ABIDS, HYDERABAD-500001

## UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR-2020-21

### AICTE Training and Learning (ATAL) Academy

AICTE File No. : F.No.01/AICTE/ATAL-HQ/2020-21\_123(21) dated 16-6-2021  
Name of Co-ordinator : **Dr Guntha Karthik**  
Application No. : 1614874822  
Title of the ATAL Programme: Advances in Electronics and Communication Engineering for Industrial Applications

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	F.No.01/AICTE/ATAL-HQ/2020-21_123(22) dated 16-6-2021	93000/-	Certified that out of the grant-in-aid of Rs. Ninety Three thousand sanctioned by the AICTE during the financial year 2020-21 in favour of Stanley College of Engineering and Technology for Women as per letter mentioned in the margin, a sum of Rs. 93000/-has been utilized for the purpose for which it was sanctioned and the balance of Rs. NIL remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

#### Kinds of checks exercised: -

Audited Annual Accounts of the Institute Receipt and Payment account Periodical Progress Reports.

*Dr Guntha Karthik*  
**Associate Professor**  
Dept. of E.C.E.  
Stanley College of Engineering  
and Technology for Women (Autonomous)  
Abids, Hyderabad-500 001.  
Stanley College of Engineering and Technology for  
Women, Abids, Hyderabad, Telangana.  
Date:

2. Signature of Chartered Accountant:  
Name of Chartered Accountant:  
Membership No:  
Rubber stamp:  
Full Address:  
Date:

*Satya Prasad*  
**PRINCIPAL**  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-75.  
Principal  
Full Address: Stanley College of  
Engineering and Technology for  
Women, Abids, Hyderabad,  
Telangana.  
Date: *Satya Prasad*  
11/3/2024

4 Signature of the Finance Officer/Accounts Officer:  
Name of the Finance Officer/Accounts Officer:  
(If it is Govt./Govt. Aided Institute)

*Accounts Officer*  
Stanley College of Engg. & Tech. for Women (Autonomous)  
Chapel Road, Abids, Hyderabad, T.S.  
**Note:-If it is more than one page each page must be signed in all annexure**



**STANLEY** College of Engineering  
& Technology for Women  
Code: STLW

(Autonomous)  
NAAC 'A' Grade & NBA Accredited.  
Presents ATAL sponsored




On

"Advances in Electronics and Communication Engineering for Industrial Applications"

Date: 26<sup>th</sup> to 30<sup>th</sup> July 2021

Account Details of the Resourse Persons

S.No	NAME OF THE RESORSE PERSON	CONTACT NUMBER	ACCOUNT NUMBER	BRANCH	IFSC CODE	AMOUNT
1.	Dr. L. Nirmala Devi	9949513490	62034630341	Osmania University	SBIN0020071	5,000.00
2.	Dr. Susant Kumar Panigrahi	9439490264	31359531885	KI University, Vaddeswaram	SBIN0021361	5,000.00
3.	Prof. A Gopala Sharma	9676200687	62087647036	Gunfoundry Hyderabad	SBIN0020684	5,000.00
4.	Shri Paramananda Jena	9886423108	10406841188	C V Raman Nagar, Karnataka	SBIN0003994	5,000.00
5.	Dr. Kezia Joseph	9866104982	32589299046	Anand Nagar	SBIN0020318	5,000.00
6.	Dr B Anil Kumar	9985054084	62375915953	SBI & Nizampet	SBIN0021023	5,000.00
7.	Dr. Kedar Nath Sahu	9866512654	62102291844	Gunfoundry Hyderabad	SBIN0020066	5,000.00
8.	Dr.P.Naveen Kumar	9985701254	62034406308	Osmania University	SBIN0020071	5,000.00
9.	Dr. Santos Kumar Das	9437940105	30985984535	NIT Campus	SBIN0002109	5,000.00
10.	Dr. Anoop Kumar Mishra	8839144472	6631787359	Kumbakonam Bazaar, TamilNadu	IDIB000144	5,000.00
11.	Mr. Dakuri Chiranjeevi	9493521507	218101513451	White Field Bangalore	ICICI0002181	5,000.00
12.	Dr. Anita Gehlot	9888777820	3956000101024760	Sector 12a Panchkula	PUNB0395600	5,000.00
13.	Mr.P. Rohit Goud	7396641272	3413184695	Saroomnagar Hyderabad	KKBK0007462	5,000.00
14.	Dr Satya Prasad Lanka	8790001992	Principal, Stanley College of Engineering & Technology for Women			5,000.00
<b>TOTAL</b>						<b>70,000.00</b>

  
Associate Professor  
Dept. of E.C.E.

  
11/3/2024

REPORT

ON

**“Advances in Electronics and Communication  
Engineering for Industrial Applications”**

26<sup>th</sup> to 30<sup>st</sup> July 2021

ATAL sponsored

*Faculty Development Programme*



Organized by

**Department of Electronics and Communication  
Engineering**



Stanley College of Engineering and Technology For Women  
Chapel Road, Hyderabad – 500001

(Autonomous)

(Accredited by NBA, NACC 'A' Grade)

(Affiliated to Osmania University, Approved by AICTE)

*Gatyastravadi*  
11/3/2024

PRINCIPAL

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

# **“Advances in Electronics and Communication Engineering for Industrial Applications”**

REPORT

SUBMITTED

BY

Dr. Guntha Karthik, Associate Professor

C.V.Keerthi Latha, Assistant Professor



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Stanley College of Engineering and Technology For Women  
Chapel Road, Hyderabad – 500001  
(Autonomous)  
(Accredited by NBA, NAAC ‘A’ Grade)  
(Affiliated to Osmania University, Approved by AICTE)

2021-2022

*Guntha Karthik*  
11/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

## Acknowledgement

We would like to thank our Management & Principal for giving us this opportunity to conducting ATAL sponsored Online Faculty Development Program on **“Advances in Electronics and Communication Engineering for Industrial Applications”**

We show our sincere thanks to our beloved HOD, Prof. A Gopala Sharma for encouraging us and accepting our proposal to organize this FDP.

*Gatya K. Reddy*  
11/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapol Road, Abids, Hyderabad, Telangana



# Stanley College of Engineering & Technology for Women

(Autonomous)



Approved by AICTE & Affiliated to Osmania University,  
Accredited by NBA (all eligible UG courses) NAAC 'A' Grade.  
Chapel Road, Abids, Hyderabad, Telangana - 500001.



Presents ATAL sponsored



One Week Online Faculty  
Development Programme

on

"Advances in Electronics and  
Communication Engineering for  
Industrial Applications"

Organized by



Department of Electronics and  
Communication Engineering

Website: [www.stanley.edu.in](http://www.stanley.edu.in)

Stanley College of Engineering and Technology for Women,  
Abids, Hyderabad-500, 001.

## OBJECTIVE OF THE FDP

To explore how faculty can  
integrate Design Thinking in  
the field of Electronics and  
Communications to impart  
principles in the curriculum



**STANLEY** College of Engineering  
& Technology for Women

Code:STLW



(AUTONOMOUS)  
NAAC 'A' GRADE & NBA ACCREDITED



## INVITATION



You are cordially invited to grace  
the inaugural Function of

ATAL Sponsored One Week Online  
Faculty Development Programme

On

"Advances in Electronics and  
Communication Engineering for  
Industrial Applications

On 26<sup>th</sup> July 2021 @ 9.30 AM

## PROGRAMME SCHEDULE

TIME	EVENT	SPEAKER
	Invocation	
09.30am	Inviting the Guests & Opening Address	Ms Manjot Kaur & Dr G Karthik
09.35 am	Presentation of FDP Details	Ms. C.V. Keerthi Latha
09.40 am	Address by Principal	Dr. Satya Prasad Lanka
09.45 am	Message by Dean Academics	Dr A. Vinay Babu
09.50 am	Address by the Chief Guest	Mr. B.M. Baveja
09.55 am	Address by the Guest of Honour	Prof. L. Nirmala Devi
10.00 am	Vote of Thanks	Ms. Ramya Sree

*Satya Prasad Lanka*  
PRINCIPAL 11/3/2021

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

**26-7-2021(Day-1) 9:30AM to 10:00AM**

The session started with welcome address by Dr.G.Karthik(Coordinator) and continued with light lamping followed by National Song. The Convener Mrs. C.V.Keerthi Latha gave a description of the Scheduled and explained about the rules for attending FDP.

The session was then handed over to the Chief Guest of the program Dr.Baweja, Ex. Senior Director Ministry of Electronics & IT, GoI to address the participants.

**Session – 1: 10.00 AM to 11.30 AM**

Professor L.Nirmala Devi Chair Person, BOS (autonomous), ECE, University College of Engineering, OU the Guest of Honour has addressed the participants and continued as session speaker by delivering a lecture on “Introduction and Overview of Wireless Sensor Networks” where the concepts of sensor network protocols and the industry related works carried out in the university and also the opportunities in the industry has been highlighted and the session concluded by interaction with the participants to clarify their doubts.

**Session – 2: 11.45 Am to 1.15 PM**

After a break of 15 min Dr. Susant Kumar Panigrahi, Assistant Professor, School of Electrical and Electronics Engineering, VIT Bhopal delivered a lecture on “Multiscale Image Analysis” where concepts used in industries, research concepts and also the challenges in Multiscale image analysis are explained and session concluded by clarifying the doubts.

**Session – 3: 2.00 PM to 3.30 PM**

Post lunch session was handled by Mr D Chirangeevi, Sr. Engineer, Cienra Tech Solutions, Hyderabad, TS on “5G-NR NSA Protocol” where all the concepts of design protocols used in industries are exposed to the participants and also highlighted the challenges in the 5G Technology,. The session for the day ended by interacting with the participants to clarify their doubts.

**27-7-2021(Day-2)**

**Session – 1: 10.00 AM to 11.30 AM**

Dr. Anita Gehlot, Associate Professor, Division of Innovation and Entrepreneurship, School of Electrical and Electronics Engineering, Lovely Professional University pontificated on “Innovation and IPR”, where the speaker highlighted on patenting process and platforms available for applying the patent and continued with the intellectual property rights. The session ended with participants interaction by clarifying their doubts.

*Gatya Khandal*  
11/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

**Session – 2: 11.45 Am to 1.15 PM**

The pre lunch session was on “Problem Solving in Engineering” by Prof A Gopala Sharma, HoD, ECE, SCETW, Hyderabad who explained about the practical issues and design aspects in engineering in solving the industry related problems. He continued the session by giving some industry related challenges in the domain of engineering. The session concluded by clarifying the participants doubts.

**Session – 3: 2.00 PM to 3.30 PM**

The last session of the day was on “FMCW Radar & its Applications by Shri Paramananda Jena, Scientist-F, LRDE, DRDO-Bengaluru, KA. He discussed some of the works carried in DRDO and the requirement of continuous wave radar. He also elevated on the applications in this domain and also the research concepts related to FMCW radar. The session was concluded by participants interaction.

**28-7-2021(Day-3)**

**Session – 1: 10.00 AM to 11.30 AM**

Mr. P. Rohit Goud, TechFLUENT Solutions Pvt Ltd, Hyderabad the session speaker delivers a talk on industries “Advanced Industrial Trends in Wireless Communication from NI.” In this he explained about the hands-on tools used in the domain of wireless communications and also highlighted about different industries who are concentrating in developing these technologies. The pre break session ended by participant interaction with the speaker.

**Session – 2: 11.45 Am to 1.15 PM**

The session speaker Dr Kezia Joseph, Professor, Dept. of ECE, SCETW, Hyderabad. delivered talk on “Recent Trends in Image Processing” where the basic concepts of image processing are discussed and continued with the challenges and opportunities in image processing in industry and medical fields. The session ended with participant interaction.

**Session – 3: 2.00 PM to 3.30 PM**

The last session of the day ended on “R & D trends in Global and Regional Satellite Navigation Systems“ by Dr.P.Naveen Kumar, Professor, Advance GNSS Research Laboratory, ECE, Osmania University who yelled on the project works sanctioned by industry and the work carried out in the university. He also explained about the industry challenges in this domain and different ways on how to find the solutions for the works handled. The session ended by clarifying the participants doubts.

*Gatya Prasad*  
11/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

**29-7-2021(Day-4)**

**Session – 1: 10.00 AM to 11.30 AM**

Session started by Dr B Anil Kumar, GRIET, Hyderabad by giving a talk on “Wireless Network Protocols” , where different network protocols are explained in the beginning and went on with the industry applications and concluded with participant interaction.

**Session – 2: 11.45 Am to 1.15 PM**

Dr. Kedar Nath Sahu, Professor, Dept. of ECE, SCETW, Hyderabad delivered lecture on “Radars for Modern Healthcare” where practical aspects of medical health monitoring system designs, challenges and their applications are discussed. The session continued by giving some insights in research going on in this domain and importance of modelling a monitoring system. The session concluded with the interaction with the participants.

**Session – 3: 2.00 PM to 3.30 PM**

Post lunch session was handled by Dr G Karthik, Associate Professor, Dept. of ECE, SCETW, Hyderabad On “Applications of IoT and Smart Sensor for Industrial Safety” who droned on the concepts of research concepts in the domain of IoT and its safety requirements where the smart sensors importance has been highlighted in different applications. This session of the day ended by giving some inputs to meet industry requirements in design aspects .

**30-7-2021(Day-5)**

**Session – 1: 10.00 AM to 11.30 AM**

Dr. Anoop Kumar Mishra, Associate Professor, VIT-AP University the session speaker pontificated on “Bidirectional Multi-User Multi-Relay Transmission Systems” where he highlighted about the transmission system and design and also gave insights about the challenges that we should meet so that the gap between industry and institute will be minimized. The session ended by clarifying the participants doubts.

**Session – 2: 11.45 Am to 1.15 PM**

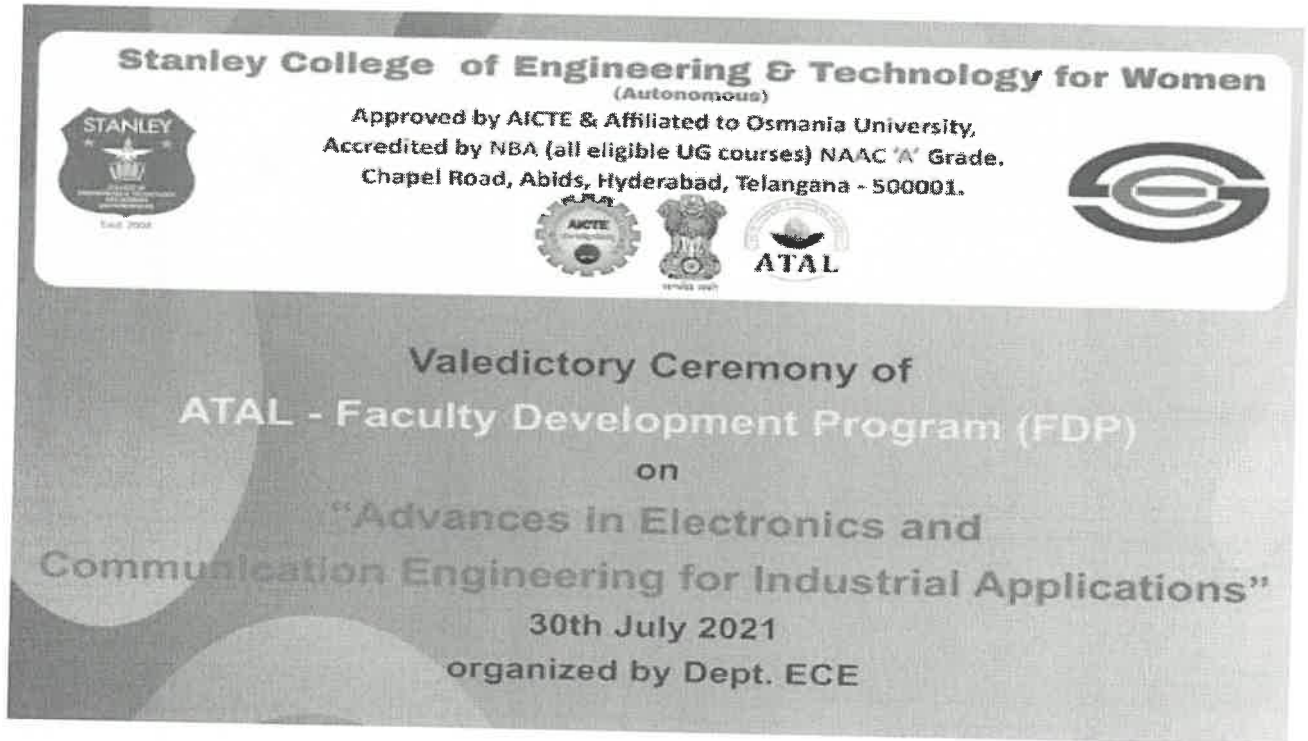
The session started by Dr. Santos Kumar Das, Dept. of EC, National Institute of Technology, Rourkela, India on “Internet of Things” where the speaker sermonize about the research works carried out in their institute and conclude with the industry challenges and interaction with the participants.

*Satyajit Das*  
11/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

**Session – 3: 2.00 PM to 3.30 PM**

The Program got concluded by Panel Discussion-By Dr Satya Prasad Lanka, Principal, Professor, Dept. of ECE, SCETW, Hyderabad along with other panel members who finally gave their suggestions and advises to all the participants and also the industry opportunities in various domains discussed in the faculty development program.

At the last the Program was successfully completed by celebrating the valedictory ceremony.



As per the guidelines given by ATAL every session attendance was recorded and updated in the portal. All participants are instructed to fill the feedback form available in their ATAL portal.

Online test for the participants is conducted at the last day after the valedictory ceremony and the marks are uploaded for the participants available in the portal.

*Satya Prasad Lanka*  
11/3/2021

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana



# All India Council for Technical Education

1, All India Council for Technical Education, 110, Park Road,  
New Delhi 110 002, India. Phone: 011-2610 1111, 2610 1112  
110001 Website: [www.aicte-india.org](http://www.aicte-india.org)



AICTE Training and Learning (ATAL) Academy, (Online FDP)

Date: 16/6/2021

F. No. 01/AICTE/ATAL-HQ/2020-21/23(2.2)

To

The Principal / Director,  
Stanley College of Engineering and Technology for Women  
H. No. 5-78 to 82, B-1-80 & 5-9-81, Chapel Road, Faten Maidan, Abids, Hyderabad, Telangana.  
Coordinator Mr./ Ms. Vasundhara

**Sub: Release of a sum of Rs 93,000/- for AICTE Training and Learning (ATAL) Academy Online FDP.**

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000/- (Rupees Ninety-Three Thousand Only) for conduct of online AICTE Training And Learning (ATAL) Academy FDP Role of Mathematics in Future Technologies (from 7/12/2021 to 7/16/2021) to Stanley College of Engineering and Technology for Women, H. No. 5-78 to 82, B-1-80 & 5-9-81, Chapel Road, Faten Maidan, Abids, Hyderabad, Telangana under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

**I. Release of funds and maintenance of accounts**

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

- Honorarium to Coordinator Rs 10,000/-
  - Honorarium for computer operator Rs 2,000/-
  - Honorarium for experts (Rs.5000/session for 14 sessions) Rs 70,000/-
  - Provision for payment to Lab Attendant Rs 1,000/-
  - Miscellaneous charges (petty expenses not covered above) Rs 10,000/-
- TOTAL = Rs.93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs 93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the Institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

**II. Disbursement of funds to institutions**

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form.

**III. Conduct of test and issuance of certificate**

- A test shall be conducted by coordinator at the end of the program.

*Gatya Prasad*  
11/3/24

- \* The certificates shall be issued to those participants who have been approved by coordinator, attended the program with minimum 60% attendance and scored more than 60% marks in the test.

#### IV. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program -
- List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator
  - A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement etc. within one month of conduct of AICTE Training and Learning (ATAL) Academy programme.
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance admissible as per the norms, shall be worked out and grant-in-aid shall to adjust.

#### V. General Instructions

- Maximum 200 participants may be allowed to attend online FDP. Coordinators are free to admit a smaller number of participants depending on the feasibility.
- A test has to be conducted (may be online) on the last day and those who score more than 60% will be termed as successful candidates. Those who have scored less than 60% will also be issued a certificate.
- These online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. You are also requested to upload recording on youtube of google drive share recording link of sessions with AICTE.
- Eligibility for Participants:**
  - The faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) School Teachers and staff of host institutions.
  - Not more than 30% from Host Institution
- If programme is not conducted in the financial year year 2021 only, the released amount has to be returned back to AICTE.
- Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.
- FDP ID, name, name of coordinator, institute name is not allowed to change without permission. However schedule dates can be changed with information ATAL Academy cell and Regional Office.

This Function Order may be treated as Offer Letter for all purposes.

Yours sincerely

RO Concerned

Copy forwarded for information and necessary action to:-

- Coordinator ATAL Programme
- ATAL Academy Cell AICTE HQ
- Guard File

*Catya Prasad*  
11/3/24

**AICTE Training And Learning(ATAL) Academy Programme****STATEMENT OF EXPENDITURE**

AICTE File No.(Sanction letter file No.) :F.No.01/AICTE/ATAL-HQ/2020-21\_123(22) dated 16-6-2021.

Title of the Programme : **Role of Mathematics in Future Technologies**

Application No. 1614877789

Name of the Coordinator: **Dr.K.L.Vasundhara**

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Item wise	Amount Rs. (in each head)	No.of Participants	Duration of the Programme (with dates)
F.No.01/AICTE/ATAL-HQ/2020-21_123(22) dated 16-6-2021	93000	1. Honorarium to Coordinator Rs.2000/- per day x 5 days	10000	200	12-7-2021 to 16-7-2021.
		2. Honorarium to Computer operator	2000		
		3. Honorarium for experts (Rs.5000 per session for total 14 session).	70000		
		4. Provision for payment to Lab Attendant	1000		
		5. Miscellaneous charges(Petty Expenses not covered above)	10000		
		Total	93000		
		Grant Received	93000		
		Balance to be Received	Nil		

K.L.Vasundhara(1) Dr K.L.Vasundhara  
Coordinator

Department of H&amp;S

Stanley College of Engg. & Tech. for Women  
Chapel Road, Abids, Hyderabad. A.PSatya Prasad Lanka(2) Dr Satya Prasad Lanka  
Head of Institution  
PRINCIPAL  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-501 001(3) Signature (with Seal) of the Finance Officer/  
Auditor/Accounts Officer  
(If it is Govt./Govt. Aided Institute)  
[Signature]  
Finance Officer  
Stanley College of Engg. & Tech. for Women (Autonomous)  
Chapel Road, Abids, Hyderabad-1, T.S.(4) Signature of Chartered Accountant:  
Name of Chartered Accountant:  
Membership No:  
Rubber stamp:  
Full Address:  
Date:

Note:-If it is more than one page, each page must be signed in all annexure



## STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Private Un-aided Non-minority Autonomous Institution)  
(Accredited by NAAC with "A" Grade, Accredited by NBA)  
Affiliated to Osmania University and Approved by AICTE  
ABIDS, HYDERABAD-500001

### UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR-2020-21

AICTE Training and Learning (ATAL) Academy

AICTE File No. : F.No.01/AICTE/ATAL-HQ/2020-21\_123(22) dated 16-6-2021  
Name of Co-ordinator : **Dr .K.L.Vasundhara**  
Application No. : 1614877789  
Title of the ATAL Programme: **Role of Mathematics in Future Technologies**

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	F.No.01/AICTE/ATAL-HQ/2020-21_123(22) dated 16-6-2021	93000/-	Certified that out of the grant-in-aid of Rs. <b>Ninety Three thousand</b> sanctioned by the AICTE during the financial year 2020-21 in favour of Stanley College of Engineering and Technology for Women as per letter mentioned in the margin, a sum of Rs. <b>93000/-</b> has been utilized for the purpose for which it was sanctioned and the balance of Rs. <b>NIL</b> remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised: -**

Audited Annual Accounts of the Institute Receipt and Payment account Periodical Progress Reports.

*K.L.Vasundhara*  
1. Dr.K.L.Vasundhara  
Coordinator of H&S  
Department of H&S  
Stanley College of Engineering and Technology for  
Women, Abids, Hyderabad, Telangana.  
Date:

2. Signature of Chartered Accountant:  
Name of Chartered Accountant:  
Membership No:  
Rubber stamp:  
Full Address:

Date: *Accounts Officer*  
Stanley College of Engg. & Tech. for Women (Autonomous)  
Chapel Road, Abids, Hyderabad, T.S.

4. Signature of the Finance Officer /Accounts Officer:  
Name of the Finance Officer /Accounts Officer:  
(If it is Govt./Govt. Aided Institute)

*Satya Prasad Lanka*  
3. Dr Satya Prasad Lanka  
Principal  
Stanley College of Engg. & Tech For  
Women, Abids, Hyderabad  
Full Address: Stanley College of  
Engineering and Technology for  
Women, Abids, Hyderabad,  
Telangana.  
Date:

**Note:-If it is more than one page, each page must be signed in all annexure**



**Stanley College of Engineering & Technology for Women**  
(Affiliated to Osmania University – College Code 1606)

To,  
The Manager,  
State Bank of Hyderabad,  
Gunfoundry Branch,  
Hyderabad.  
Sir,

Date: 19/07/2021

Sub: Bulk amount credits. Reg.,  
Ref:- Bank Current Account No.62079191810

With reference subject cited issued a cheque of Rs.45,000 /- (Rupees Forty five thousand only) vide Ch.No.608955,Dt: 19/07/2021, I am here with authorized to transfer amount transfer respective accounts, Kindly credit the following amounts into accounts.

S.NO	NAME	A/C NO	IFSC	BRANCH	AMOUNT
1	A.RAVINDER NATH	52198293027	SBIN0020071	OSMANIA UNIVERSITY	5000
2	P.SAREWSWARA	10228095128	SBIN0003170	AU ENGG COLLEGE	5000
3	S.M SUBHANI	30025405337	SBIN0007112	LALAGUDA TARNAKA	5000
4	B.SUBHA LAKSHMI	10261584335	SBIN0007315	SME SAIFABAD	5000
5	P.VENKATA SUDARANAND	30758257156	SBIN0005916	HYDERABAD UNIVERSITY CAMPUS	5000
6	P VSN MURTHY	10224460539	SBIN0000202	SBI KHARAGPUR	5000
7	K.VAIDEHI	62463599888	SBIN0020066	GUNFOUNDRY	5000
8	K L Vasundhara	62000098980	SBIN0020066	GUNFOUNDRY	10000
	<b>TOTAL</b>				<b>45000</b>

Authorized Signature



Sures:-

Hard copy of Statement

Chapel Road, Abids, Hyderabad – 500001. A. P., India. Ph: 040-23234880 &  
23244880, [www.stanley.edu.in](http://www.stanley.edu.in)



*State Bank of India*  
11/3/2024

REPORT

ON

**“Role of Mathematics in Future Technologies”**

12th to 16th July 2021

ATAL sponsored

***Faculty Development Programme***



**Organized by**

**Department of Mathematics**



Stanley College of Engineering and Technology For Women  
Chapel Road, Hyderabad – 500001

**(Autonomous)**

(Accredited by NBA, NACC 'A' Grade)

(Affiliated to Osmania University, Approved by AICTE)

*Gatya K. Aravind*  
11/3/2024

**PRINCIPAL**

**STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

# “Role of Mathematics in Future Technologies”

REPORT

SUBMITTED

BY

Dr. K.L.Vasundhara, Associate Professor

Dr.K.vaidehi, Associate Professor



## Department of Mathematics

Stanley College of Engineering and Technology For Women

Chapel Road, Hyderabad – 500001

(Autonomous)

(Accredited by NBA, NAAC 'A' Grade)

(Affiliated to Osmania University, Approved by AICTE)

2021-2022

*Gatya Prasad*  
11/2/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

# Acknowledgement

We would like to thank our Management & Principal for giving us this opportunity to conducting ATAL sponsored Online Faculty Development Program on **“Role of Mathematics in Future Technologies”**

*Gathraerdil-*  
11/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

# Stanley College of Engineering & Technology for Women

(Autonomous)



Approved by AICTE & Affiliated to Osmania University.  
Accredited by NBA (all eligible UG courses) NAAC 'A' Grade.  
Chapel Road, Abids, Hyderabad, Telangana - 500001.



Presents ATAL sponsored



One Week Online Faculty Development Programme

on

**"Advances in Electronics and Communication Engineering for Industrial Applications"**

Organized by



Department of Electronics and Communication Engineering

Website: [www.stanley.edu.in](http://www.stanley.edu.in)

Stanley College of Engineering and Technology for Women, Abids, Hyderabad-500 001.

## OBJECTIVE OF THE FDP

To explore how faculty can integrate Design Thinking in the field of Electronics and Communications to impart principles in the curriculum



# STANLEY

College of Engineering & Technology for Women

Code:STLW



(AUTONOMOUS)

NAAC 'A' GRADE & NBA ACCREDITED



*INVITATION*



You are cordially invited to grace the inaugural Function of

**ATAL Sponsored One Week Online Faculty Development Programme**

On

**"Advances in Electronics and Communication Engineering for Industrial Applications"**

**On 26<sup>th</sup> July 2021 @9.30 Am**

## PROGRAMME SCHEDULE

TIME	EVENT	SPEAKER
	<b>Invocation</b>	
09.30am	Inviting the Guests & Opening Address	Ms Manjot Kaur & Dr G Karthik
09.35 am	Presentation of FDP Details	Ms. C.V. Keerthi Latha
09.40 am	Address by Principal	Dr. Satya Prasad Lanka
09.45 am	Message by Dean Academics	Dr A. Vinay Babu
09.50 am	Address by the Chief Guest	Mr. B.M. Baveja
09.55 am	Address by the Guest of Honour	Prof. L. Nirmala Devi
10.00 am	Vote of Thanks	Ms. Ramya Sree

*Satya Prasad Lanka*  
PRINCIPAL 11/3/2024

STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

**12-7-2021(Day-1) 9:30AM to 10:00AM**

The session started with welcome address by Dr.K.L.Vasundhara(Coordinator) and continued with light lamping followed by National Song and gave a description of the Scheduled and explained about the rules for attending FDP.

The session was then handed over to the Chief Guest of the program Prof. Anil D. Sahasrabudhe, Chairman, AICTE and then address by Guest of Honor Dr.Buddha Chandrasekhar, CCO-AICTE.

**Session – 1: 10.00 AM to 11.30 AM**

**Prof.LakshmiBurra** (Visiting) Professor of Mathematics, IIIT-Hyderabad  
Prof. Lakshmi Burra is a **Double Doctorate** in Mathematics. Having obtained a PhD in Mathematics from Osmania University, she then went to Europe, to obtain her **second Doctoral degree** in Mathematics under the eminent Mathematician Prof. Fabio Zanolin. She explained Logistic Differential Equations and models for Population growth.

**Session – 2: 11.45 Am to 1.15 PM**

After a break of 15 min . **Prof. Venkata Sundaranand Putcha** Professor, Dept.of Mathematics, RayalseemaUniversity, gave talk on “Role of Mathematics in Machine Learning” and session concluded by clarifying the doubts.

**Session – 3: 2.00 PM to 3.30 PM**

Post lunch session was handled by **Dr.D.V.Ramana** Data Scientist, Hyderabad.  
Dr DV Ramana is a Data Strategist-Consultant, Completed Ph.D. from National Geophysical Research Institute (CSIR Lab-NGRI) Hyderabad, delivered lecture on “Applications of Operations Research in data science. The session for the day ended by interacting with the participants to clarify their doubts.


**13-7-2021(Day-2)**

**Session – 1: 10.00 AM to 11.30 AM**

Prof.P.S.Avadhani Professor , Andhra University. He did PhD from I.I.T. Kanpur, India and M. Tech (Computer Science), I.I.T. Kanpur, India. He was **Director, IIIT, Agartala**, talk on “**COMPUTER ALGARITHUMS**”. The session ended with participant’s interaction by clarifying their doubts.

**Session – 2: 11.45 Am to 1.15 PM**

**Prof.C.RaghavendraRao** Professor in CSE, HCU

  
11/3/2024  
**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana

He Completed his B. Sc and M.Sc in Statistics from Andhra University and Osmania University respectively. Ph. D. in Statistics and M.Tech(CS&Engineering) from Osmania University,gaveinsights on “Modeling and Simulation. The session concluded by clarifying the participant’s doubts.

**Session – 3: 2.00 PM to 3.30 PM**

**Prof.RamaChellappa**, Professor, Univeristyof Maryland USA

Prof. Rama Chellappa is a Bloomberg Distinguished Professor in the Departments of Electrical and Computer Engineering (Whiting School of Engineering) and Biomedical Engineering (School of Medicine) at Johns Hopkins University (JHU) ,delivered nine problems which are related to “Mathematical applications in Engineering”. The session was concluded by participants interaction.

**14-7-2021(Day-3)**

**Session – 1: 10.00 AM to 11.30 AM**

**. Prof. BapiRaju** Professor, IIIT Hyderabad.

Dr. S. Bapi Raju is a professor in the School of Computer and Information Sciences, University of Hyderabad, Hyderabad, India. He has degrees in BE (Electrical Engineering) from Osmania University, MS (Biomedical Engineering) and PhD (Computer Science) from University of Texas, Arlington, USA, explained in detail the role of Mathematics in Machine learning. The pre break session ended by participant interaction with the speaker.

**Session – 2: 11.45 Am to 1.15 PM**

**Dr. S M Subhani** Head SQC & OR Unit, ISI ,Hyderabad.

He did Ph D (Mathematics) presented lecture on “Statistical Applications” . The session ended with participant interaction.

**Session – 3: 2.00 PM to 3.30 PM**

**Dr.BharathDandala** IBM,USA

Dr. Dandala holds a Ph.D. and masters in computer science from University of North Texas, explained about the Technology in Health Science. The session ended by clarifying the participants doubts.

**15-7-2021(Day-4)**

**Session – 1: 10.00 AM to 11.30 AM**

**Prof. M.V.RamanaMurthy** Retd.Professor, Osmania University.

Awarded Doctor of Philosophy by Osmania University in the year 1986, delivered lecture on “Mathematical Equations used in IOT” concluded with participant interaction.

**Session – 2: 11.45 Am to 1.15 PM**

**Dr.RVVS.Sateesh** Asst.Director, ERNST & Young(EY), Bangalore.

*Gatya Prasad*  
11/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS,  
Chapel Road, Abids, Hyderabad, Telangana



He did Doctorate in Lean Six Sigma, lecture on "Statistical Applications". The session concluded with the interaction with the participants.

**Session – 3: 2.00 PM to 3.30 PM**

**Prof. P.V.S.N. Murthy** Professor, IIT Kharagpur.

He did Ph.D. in Fluid mechanics from Department of Mathematics, IIT Kanpur, delivered lecture on "Mathematical applications in Engineering. The session ended by clarifying the participants doubts.

**16-7-2021 (Day-5)**

DR. K. VAIDEHI, Assoc. Prof of Computer SCIENCE, Stanley College of Engineering and Technology for women. she did PhD in Image Processing from ANNA University gave lecture on "Mathematical applications in Python program. The session ended by clarifying the participants doubts.

**Session – 2: 11.45 Am to 1.15 PM**

**Prof. A. RAVINDER NATH M.Tech., Ph.D., FIE, FPP**

Former Dean, Faculty of Technology, Osmania University, Hyderabad.

Post-Doctoral Studies (1997-2001) in Pharmacy, State University of New York, Stony Brook, NY, USA and Ph.D., (1988) in Chemical Sciences, Osmania University, Hyderabad, explained Mathematics in Biotechnology and conclude with the industry challenges and interaction with the participants.

**Session – 3: 2.00 PM to 3.30 PM**






The Program got concluded with "Question and Answer" Program and was successfully completed by celebrating the valedictory ceremony.

*Gatya Prasad*  
11/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND**  
**TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
**Chapel Road, Abids, Hyderabad, Telangana**

**Stanley College of Engineering & Technology for Women**  
(Autonomous)

Approved by AICTE & Affiliated to Osmania University,  
Accredited by NBA (all eligible UG courses) NAAC 'A' Grade.  
Chapel Road, Abids, Hyderabad, Telangana - 500001.



**Valedictory Ceremony of**  
**ATAL - Faculty Development Program (FDP)**  
on  
**“Advances in Electronics and**  
**Communication Engineering for Industrial Applications”**  
30th July 2021  
organized by Dept. ECE

As per the guidelines given by ATAL every session attendance was recorded and updated in the portal. All participants are instructed to fill the feedback form available in their ATAL portal.

Online test for the participants is conducted at the last day after the valedictory ceremony and the marks are uploaded for the participants available in the portal.

*Gatya Kauridil -*  
11/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



Ref: CRS/2021-22/01/376

Date: 15-05-2023

**Sanction Order**

To,  
The Registrar/Principal/Financial Authority,  
Through Dr. Padmasree gangula  
Stanley College of Engineering and Technology for Women

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Effect of Neodymium (Nd) and Praseodymium (Pr) doping on structural, magnetic, electrical, dielectric, optical and Mossbauer properties of YFeO<sub>3</sub>' by Dr. Padmasree gangula.**

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Padmasree gangula** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. V. Raghavendra Reddy**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹213360	₹30,000	₹15,000	₹258360	2023-03-28	C032385600302
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2021-22/01/376**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:  
 (i) Utilization Certificate in the format provided at our website for the amount spent and  
 (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

#### Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject ( <b>for Science</b> ) M.E. / M. Tech. (not earlier than 3 years) 1st Class ( <b>for Engineering</b> )
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior) -I</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	<b>Same as (1)</b> + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior)-II</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

5. Appointment of student in the project is not permitted in the second or third year of the project.

*Balaji Krishna Reddy*  
 PRINCIPAL/13/2024

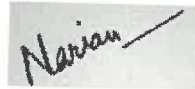
STANLEY COLLEGE OF ENGINEERING AND  
 TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
 Chapel Road, Abids, Hyderabad, Telangana

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.

7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.

8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Padmasree gangula, Dr. V. Raghavendra Reddy, AO for information.



Narian Kr.Lengay  
Administrative Officer-I  
(UGC-DAE CSR)



PRINCIPAL 6/3/2024

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
SP/YO/2021/2615 (C)  
(SEED)

Technology Bhawan, New Delhi  
Dated: 14/07/2023

**Sanction Order**

**Subject:** Financial assistance for the project entitled "IoT Based Landslide and Slope Monitoring system using TDR and Shape Accel Array for Mines" submitted by Dr. Dr Guntha Karthik, STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, HYDERABAD, HYDERABAD, TELANGANA, 500001. Release of the First installment regarding

In supersession of this department's sanction order of even number dated 29/03/2023, Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 47,63,158/- (Rupees Forty Seven Lakh Sixty Three Thousand One Hundred Fifty Eight only) for the duration of 3 Years . The detailed breakup of the grant for general as well as capital components are given below: -

General Component : ₹ 19,19,920  
Capital Component : ₹ 28,43,238

S.No.	Name of the Equipment	Qty.	Non-Recurring Head (in Rs.)			
			1 Year	2 Year	3 Year	Total
1	Deformation Analyzer (Time Domain Reflectometer) TDR200 along with Data logger CR1000 (No. 01)-.	1	1257143	0	0	1257143
2	1.Shape Accel Array-SAAF-001 2. Number of sensorized segments: 100. 3. Communication Cable length: 15.0 m (18AWG) 4. Connector type: Phoenix CR1000-.	1	1047619	0	0	1047619
3	Weather Proof Housing for Field Installation of Analyzer. Solar Power supply for operation of Gateway including mounting structure. CR1000 (No. 01)-.	1	52381	0	0	52381
4	RF Transceiver (LoRa) CR1000 (No. 10)-.	10	20952	0	0	20952
5	Cloud Platform CR1000 (No. 01)-.	1	20952	0	0	20952

*Appd*  
14/07/2023

*Salya Prasad*  
**PRINCIPAL** 14/3/2024  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Ghapel Road, Abids, Hyderabad, Telangana

6	Buzzers CR1000 (No. 20)-.	20	10476	0	0	10476
7	GST (18%)-..	1	433714	0	0	433714
Total			2843238	0	0	2843238

2. The sanction of the President is also accorded to the release of Rs. 28,43,238/- (Rupees Twenty Eight Lakh Forty Three Thousand Two Hundred Thirty Eight only) to the "Director/Registrar/Principal/Controller/Comptroller, STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN" being the First installment of grant as mentioned above table under "Capital Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89 , Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.35	Grants for creation of capital assets
	(Previous: 3425.60.200.08.11.35)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 28,43,238/- (Rupees Twenty Eight Lakh Forty Three Thousand Two Hundred Thirty Eight only) will be drawn by DDO, DST and disbursed to the "CNA account of SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. CNA shall assign/allocate the amount of Rs. 28,43,238/- (Rupees Twenty Eight Lakh Forty Three Thousand Two Hundred Thirty Eight only) to the Director/Registrar/Principal/Controller/Comptroller, STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN" as per details given below:-

Name of A/C Holder	STANLEY COLLEGE OF ENGG & TECH FOR WOMEN - ITDD
Bank A/C No	070512010000365
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0807052

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 63 . in the register of grants maintained in the SEED for the scheme Scheme for Young Scientists and Technologists.

7. This issues with the concurrence of IFD Vide their Concurring Dy. No IFD/C/III/190623/35/00897 dated 19/06/2023.

*Atyapravadi*  
6/3/2024

**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. NGO darpan portal ID of the institution: MH/2017/0177840

11. This sanction order is subject to the Terms & Conditions as annexed.

*AKG*  
14/07/2023

**Dr. AKANKSHA GUPTA**  
Scientist - 'C'  
akanksha.g@gov.in

To,  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi - 110 016.

Copy of information and necessary action to: -

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Dr Guntha Karthik, Associate Professor, Electronics and Communication Engineering, STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, Hyderabad, Hyderabad, Telangana - 500001
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, Hyderabad, Hyderabad, Telangana - 500001
7. Secretary, SERB, New Delhi ( for allocation of limits to implementing agency )
8. Head (SEED) DST
9. Sanction Folder (SEED)

*AKG*  
14/07/2023

**Dr. AKANKSHA GUPTA**  
Scientist - 'C'  
akanksha.g@gov.in

ANNEXURE

*Satyavardhini*  
6/3/2024

**PRINCIPAL**  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana





GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
SP/YO/2021/2615 (C)  
Terms & Conditions

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
  - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts

*Stanley Handil*  
6/2/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

11. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.

13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.

14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.

15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.

16. The Grantee Institute must ensure any other provisions of GFR-2017 (<https://doe.gov.in/order-circular/general-financial-rules2017-0>) and guidelines/amendments issued from Govt. of India from time to time.

Apply  
14/07/2023

\*\*\*\*\*

Satyajit K. Reddy  
6/3/2024

PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana.



भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
SP/YO/2021/2615 (C)  
**निबंधन और शर्तें**

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दर्शाते हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अध्वधीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अध्वधीन है-
  - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
  - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सब्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए,

*Stanley Khandil*

PRINCIPAL 6/2/2024

STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana

अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में (गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात् [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) के माध्यम से) विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।

8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।

9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।

10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।

11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सब्याज वापस करनी होगी।

12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।

13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु/उपस्कर) का अनिवार्यतया आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।

14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।

15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।

16. अनुदान ग्राही संस्थान को जीएफआर-2017 (<https://doe.gov.in/order-circular/general-financial-rules2017-0>) के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।

Generated through ePMS

*Handwritten signature*  
14/07/2023

*Handwritten signature*  
6/8/2024  
PRINCIPAL  
STANLEY COLLEGE OF ENGINEERING AND  
TECHNOLOGY FOR WOMEN (AUTONOMOUS)  
Chapel Road, Abids, Hyderabad, Telangana.

# Annexure 7

ANNEXURE  
SERB-CNA FUND TRANSFER THROUGH PUBLIC FINANCIAL MANAGEMENT SYSTEM  
(PFMS)

## DETAILS OF ORGANIZATION

1.	PFMS Unique Code	
2 (i)	Agency Name (Name of the University/ Institute/ College, etc)	Stanley College of Engineering and Technology for Women
2 (ii)	Agency Type (Statutory Bodies/Autonomous/NGO/Society etc.)	Society (THE EXECUTIVE BOARD OF THE METHODIST CHURCH IN INDIA)
2 (iii)	Hierarchy of Agency (Central/State/ District/Block/Tahsil/Panchayat/Nillage)	State
2 (iv)	Act/Registration No.	ACT XXI OF 1860/1155
2 (v)	Date of Registration	19/05/1942
2 (vi)	Registering Authority	Dy. Charity Commissioner, Greater Bombay Region, Bombay
2 (vii)	State of Registration	Maharashtra
3.	TIN No. (If available)	
4.	TAN No.	
5.	Complete Contact Address of the Agency	HYDS24310G
5 (i)	Block No./Building Name of Premises	Pl. No. 5-78 to 82, B-1-80 & 5-9-81,
5 (ii)	Road/Street/Post Office	Chapel Road, Fateh Maidan,
5 (iii)	Area/Locality	Abids
5 (iv)	City/ District	Hyderabad
5 (v)	State	Telangana
5 (vi)	Pin code	500001
6.	Contact Person	Mr. Kodali Krishna Rao
6 (i)	Designation	Correspondent
6 (ii)	Phone Number (Land Line)	040 2323 4880
6 (iii)	Alternate Phone No./Mobile No.	9848-02511
6 (iv)	Official E-mail address	correspondent@stanley.edu.in
7.	Bank Account details for SERB Schemes	
7(i)	Institution's Account Name (As per bank record)	STANLEY COLLEGE OF ENGG & TECH FOR WOMEN ITDD
7 (ii)	Account No	070512010000365
7 (iii)	IFSC Code	UBIN0807052
7 (iv)	Bank name (in full)	UNION BANK OF INDIA
7 (v)	Branch Name	ABID ROAD
7 (vi)	Complete Branch address	#5-9-210/1, Parvati Tej Sadan, Chirag Ali Lane, Opp.APSFC, Abid, Hyderabad-500001
7 (vii)	MICR No.	500026045
7 (viii)	Account Type	SAVINGS

Certified that the Institute's account is an RTGS/ECS/NEFT enabled branch. I hereby declare that the particulars given above are correct and complete. The above Account No. and bank details are registered/ mapped under PFMS.

Date:



*Kodali Krishna Rao*  
Signature of the Competent Authority  
of the Agency with seal.

Certified that the particulars furnished above are correct and complete for our records.

Date:



*Singh*  
Signature of the Authorized  
Official with seal.

*Kodali Krishna Rao*  
6/3/2024

**PRINCIPAL**  
**STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)**  
Chapel Road, Abids, Hyderabad, Telangana.

22-23

DST-ECE

### DST-SEED ACCOUNT DETAILS

5:04 PM 4G LTE 61

pfms.nic.in/Implemen

Add/Update Drawing Limit

Scheme: 1819-INNOVATION, TECHNOLOGY DE

Search Agency for E

Agency Name:

Agency Type: -All-

Note : Click On Expenditure Limit if you want to set Component wise, Project wise or Project + Component wise Limit.

Agency Code	Central Nodal / Parent Agency	Total Limit	Expenditure Limit
TLHY00002680	STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN.	3490998.00	3490998.00

Gatya Prasadil.  
13/3/24

Gatya Prasadil.  
Stanley College of Engg. & Tech For Women  
Chapel Road, Abids, Hyderabad-01.  
College Code: 1606