

### **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: <a href="https://www.aicte-india.org">www.aicte-india.org</a>



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

Date: 20.10.2021

F. No. 01\_/AICTE/ATAL-HQ/2020-21\_298

To

The Principal / Director, Vaagdevi College of Engineering bollikunta, Warangal TELANGANA

Coordinator Name: Mr./ Mrs. Bandi Krishna

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 Internet of Things (IoT) to Vaagdevi College of Engineering, 08.11.2021 to 12.11.2021 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

- a. 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.
- b. 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.

c. 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.

21.10.2021

 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: -
  - 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,

RO SCRO HYDERABAD

Copy forwarded for information and necessary action to: -

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

### **ABOUT THE PROGRAMME**

Internet of Things remains the key driver that will impact nearly every domain in the future.

The presence of IoT will continue to grow as we move beyond imagining what is possible. The main objective of this program is to introduce Node-red technology a flow based paradigm for developing IoT applications and introduce IBM's Watson for NLP applictions using node-red and Interfacing IoT devices with cloud.

### **Major Topics**

Introduction to IoT
IoT Based Python
Domain Specific IoT
IoT Devices & RaspberriPi
IoT Protocols
Node - Red Introduction
Introduction to IBM WATSON
IoT with Cloud

### **RESOURCE PERSONS**

Experts from industries and experienced faculty from renowned institutions will deliver lectures and handle practical sessions

### **ORGANIZING COMMITTEE**

### **PATRON**

Dr. K. PRAKASH Principal

### **CONVENOR**

**Dr. V. JANAKI**Prof & Head, Dept. of CSE

### COORDINATOR

Dr. B.KRISHNA Associate Professor, Dept. of CSE

### **Contact Details:**

Dr. B.Krishna

Associate Professor Department of CSE VAAGDEVI COLLEGE OF ENGINEERING

Email: krishna\_b@vaagdevi.edu.in

Mobile: +91 9951970748







# ATAL- AICTE TRAINING AND LEARNING SPONSORED

### **ONE WEEK**

## FACULTY DEVELOPMENT PROGRAM ON

Implementation of IoT Devices with Node-Red Interfacing IBM Watson

November 8th to 12th, 2021



# Organized by Department of Computer Science and Engineering

### VAAGDEVI COLLEGE OF ENGINEERING

Bollikunta, Warangal - 506005. Telangana

### **ABOUT THE COLLEGE**

Vaagdevi College of Engineering, established in 1998 and affiliated to Jawaharlal Nehru Technological University, Hyderabad. It is a premium Institution of Viswambhara Educational Society serving the cause of Technical Education through a large number of academic and technical institutions based in and around the historic city of Warangal, Telangana. The college offers 5 B.Tech and 5 M.Tech. programs in Engineering apart from other post graduate programs in MCA and MBA. Vaagdevi College of Engineering is established since the inception of the college in 1998 and has qualified and dedicated faculty. Apart from B.Tech. the institution also offers AICTE approved M.Tech. programs in all departments. Institution is successful in organizing many programs under ISTE & IETE students & faculty chapters

### **ABOUT THE DEPARTMENT**

The CSE department was started with 40 seats in 1998-99 and increased to 240 in the academic year 2012-2013. The department strives for global excellence in teaching and focus on research and technology development.

The department of Computer Science and Engineering has a vibrant body of faculty with 66 in number. The main objective of the department is to provide a platform in which the stake holders acquires knowledge about the advanced emerging technologies.

Department has several MOU's with industry and academia. Continuous interactions with the industry that helps our students to brace themselves to absorb into the industry and higher studies abroad.

# ATAL - AICTE TRAINING AND LEARNING SPONSORED

### ONE WEEK FDP

Implementation of IoT Devices with Node-Red Interfacing IBM Watson

Organized by
Department of CSE
Vaagdevi College of Engineering,
Warangal -506005

### **REGISTRATION FORM**

Name Dr./Mi	:/Mrs.:				
(in Block lett	in Block letters)				
Designation	·				
Department	:				
Name of the	:				
Institution					
Address:					
	•••••				
Mobile :					
Email id:					
Is the Institution approved byAICTE?(Y/N)					

### **Declaration by Applicant**

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the workshop for the entire duration. Place:

Date:

Signature of the Applicant

### **ATAL ACADEMY**

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need of the day to train the young generation in skill sector and faculty to be trained in their respective disciplines. Training is required to increase the knowledge and skills of faculty and students to make them more competent and meet global challenges.

### **ELIGIBILITY**

This course is open to Faculty members and Research scholars of AICTE approved Engineering colleges and Polytechnic colleges.

### **REGISTRATION**

The registration is free.

Only online Registration for the course.

Link: https://aicte-india.org/atal

### CERTIFICATION

The Certificate shall be issued by AICTE Training and Learning (ATAL) academy to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP

### **Important Dates**

Last Date (Online Registration): 1-11-2021 Selected Participants will be notified by email.



### **VAAGDEVI COLLEGE OF ENGINEERING**







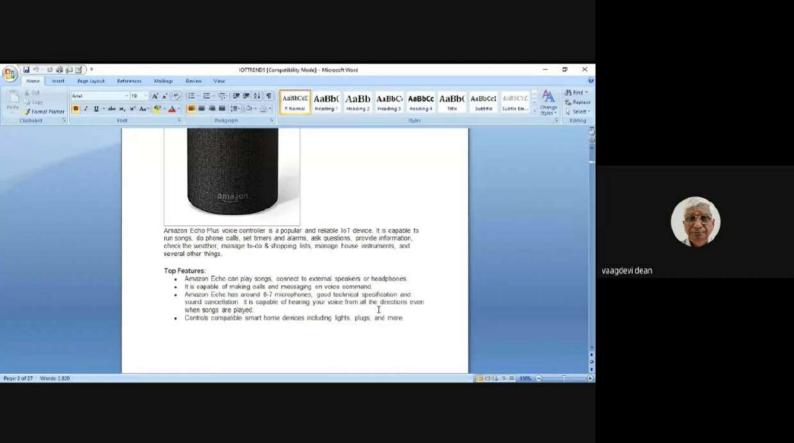
**Faculty Development Programme** 

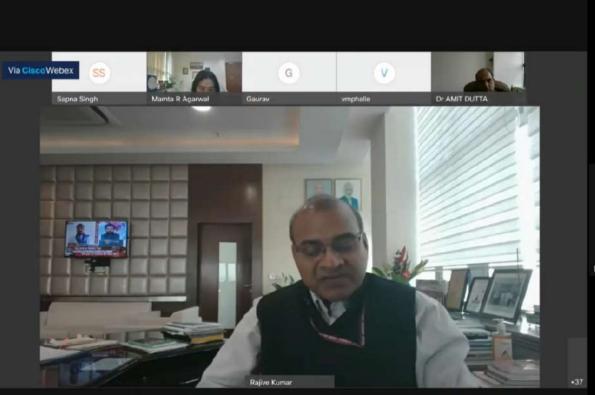
## Implementation of IoT Devices with Node-Red Interfacing IBM Watson 8-11-2021 to 12-11-2021

Day / Date	10:00 - 11:30		11:45- 1:15		2:00 – 4:00
Day 1 8-11-2021	Introduction to IoT Prof S.S.V.N. Sarma Dean Placements VCE	TE	Introduction to IoT Prof S.S.V.N. Sarma Dean Placements VCE	L U N	IoT Based Python HANDS – ON Dr. B. Krishna Associate prof, CSE VCE
Day2 9-11-2021	IoT Devices & RaspberriPi HANDS – ON Mr. P. Rajkumar Associate Prof, CSE VCE	B R E A K	IoT with Cloud Prof. Tarachand Amgoth IIT Dhanbad	N C H B R E A K	IoT with Cloud HANDS — ON Mr. P. Rajkumar Associate Prof, CSE VCE
Day 3 10-11-2021	Node – Red Introduction Mr. M. Mruthyunjaya Associate Prof, CSE SRITW		Stress Management Mrs. Jaya L Coppisetty Head – CRT & Counseling VCE	_	Node Red Installation Node Red with RaspberriPi HANDS – ON Mr. P. Rajkumar Associate Prof, CSE VCE
Day 4 11-11-2021	IoT Protocols Dr. J. Srikanth Assistant prof, CSE VCE		Introduction to IBM WATSON Mrs. Tulasi AI Developer Smart bridge		-Account creation -Token Generation -Using token in Node Red HANDS — ON Mr. P. Rajkumar Associate Prof, CSE VCE
Day 5 12-11-2021	Domain Specific IoT Dr. E. Damodar Reddy Associate Prof, CSE NIT Goa		-Node Red with WATSON -Text to speech -Speech to Text HANDS-ON Mr. P. Rajkumar Associate Prof, CSE VCE		Validictory









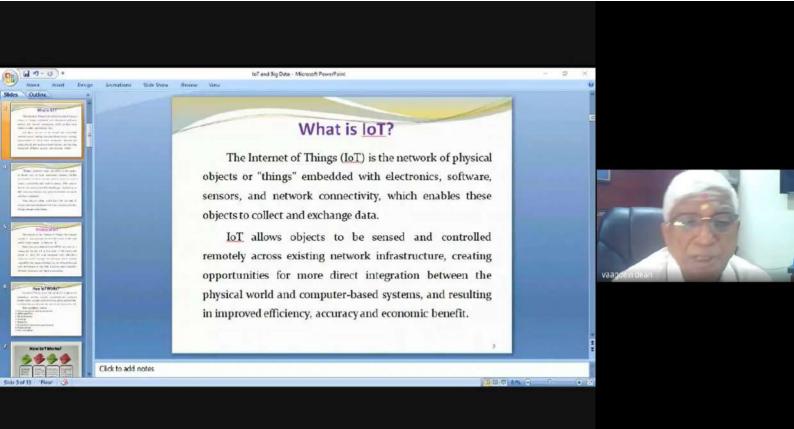
В

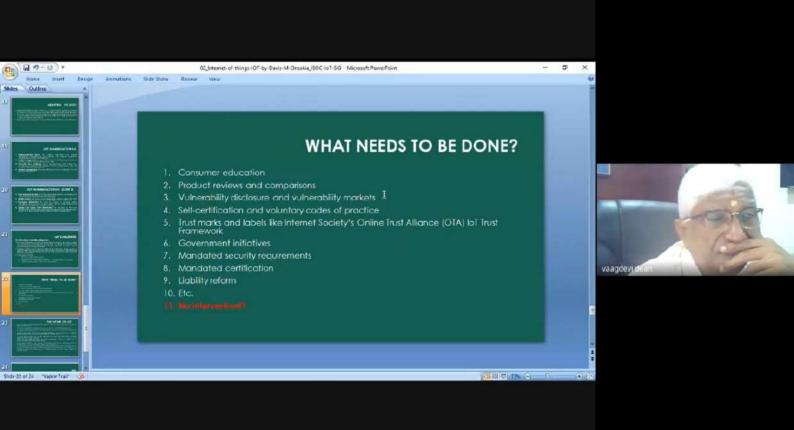
Bandi Krishna



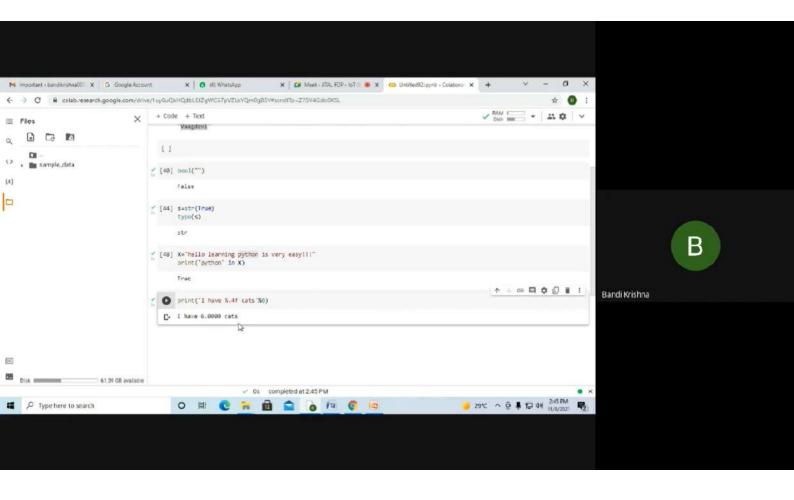
В

Bandi Krishna









### You can add a value to a list with append()

```
guests = ['Christopher', 'Susan', 'Bill', 'Satya']

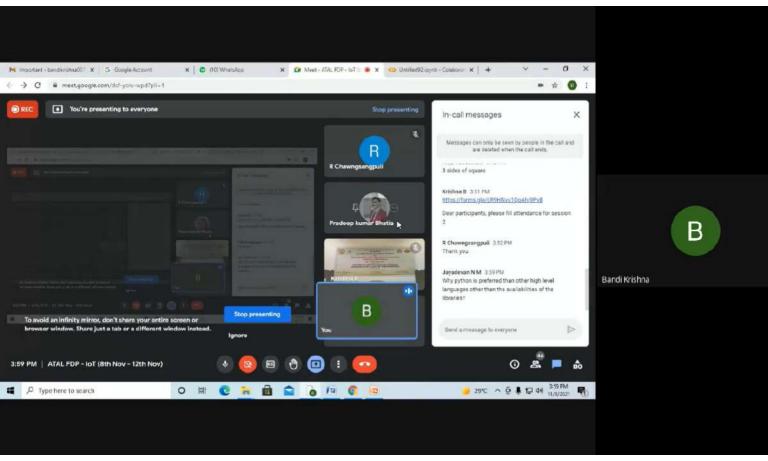
#add a new value to the end of the list
guests.append('Steve')

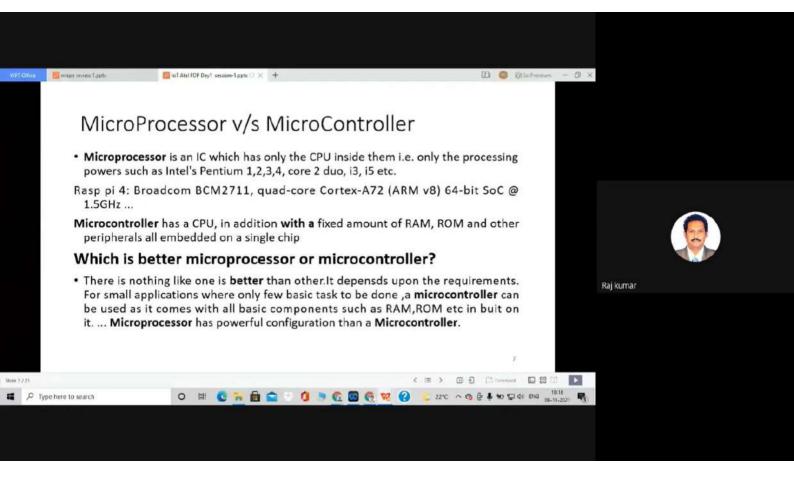
#display the last value in the list
print(guests[-1])
```

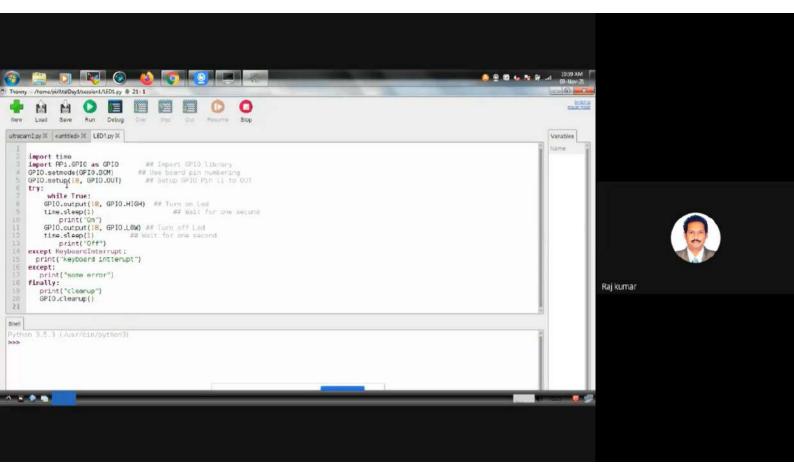
C:\Python34\
Steve
Press any key to continue . . .

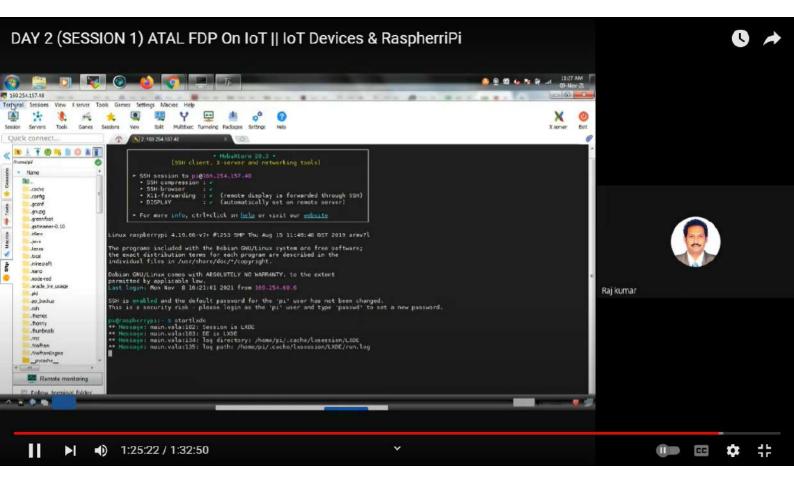
В

Bandi Krishna











»Mental - Thinking

»Emotion – Feeling

»Stress - Behave







- We should live with an Attitude of Gratitude to GOD.
- we need to be Grateful for what we have.
- Always we need to count our blessings than missing's.

