

VOLUME - II



News Letter

Sep. & Oct. - 2k19

THE OFFICIAL NEWS LETTER OF THE DEPARTMENT OF CSE

USHA RAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY

ROBOTIC PROCESS AUTOMATION (RPA)

Article

THE ONLY AUTOMATION SOFTWARE FOR TODAY'S ENTERPRISE



What is Robotic Process Automation?

Robotic Process Automation is the technology that allows anyone today to configure computer software, or a “robot” to emulate and integrate the actions of a human interacting within digital systems to execute a business process. RPA robots utilize the user interface to capture data and manipulate applications just like humans do. They interpret, trigger responses and communicate with other systems in order to perform on a vast variety of repetitive tasks. Only substantially better: an RPA software robot never sleeps, makes zero mistakes and costs a lot less than an employee.

How is RPA different from other enterprise automation tools?

In contrast to other, traditional IT solutions, RPA allows organizations to automate at a fraction of the cost and time previously encountered. RPA is also non-intrusive in nature and leverages the existing infrastructure without causing disruption to underlying systems, which would be difficult and costly to replace. With RPA, cost efficiency and compliance are no longer an operating **cost but a byproduct of the automation.**

Implement fast, achieve ROI fast

An HR service provider from Europe was processing 2,500 sick leave certificates per month with an average handling time of four minutes per item. Within three weeks they implemented an RPA solution and achieved 90% process automation. The RPA robot extracts data from a transaction in SAP, inserts the information into the customer's systems, and prints it. The HR service provider achieved a return-on-investment within six months, with error rates reduced to 0%, manual effort reduced to 5%, and processing time reduced by 80%.

Reduce effort in the back office

A global retailer was using its store closing reports to validate closing information for each of its registers across hundreds of stores. The store's employees used a manual and sluggish process to pull up these reports. By automating the process the store freed up its employees to now focus on more customer-centric activities. The RPA robots now move the closing reports to one server, then read and consolidate the needed information for the store's closing reports.

Improve customer service in the front office

A trade credit insurance company with over 50,000 clients worldwide automated the credit limit request underwriting process. Underwriters were previously gathering information manually, from internal (Risk & Policy) to external (Customer Site, Google News) sources. With RPA, they saved 2,440 hours of human work a month. Employees now use that time to work directly with customers.

What processes are relevant to RPA?

Potential for RPA

Low ■ ■ ■ High ■ Illustrative processes with higher potential

RPA adoption potential by buyer industry and function

Function	F&A	Procurement	Human resource	Contact center	Industry-specific processes	
Industry	Accounts receivable, accounts payable, general ledger	Invoice processing, requisition-to-purchase order	Payroll, hiring, candidate management	Customer service		
Banking & financial services						<ul style="list-style-type: none"> ✓ Cards activation ✓ Frauds claims discovery
Insurance						<ul style="list-style-type: none"> ✓ Claims processing ✓ New business preparation
Healthcare						<ul style="list-style-type: none"> ✓ Reports automation ✓ System reconciliation
Manufacturing						<ul style="list-style-type: none"> ✓ Bills of material (BOM) generation
Hi-tech & telecom						<ul style="list-style-type: none"> ✓ Service order management ✓ Quality reporting
Energy & utilities						<ul style="list-style-type: none"> ✓ Account setup ✓ Meter-reading validation

What are the business benefits of RPA?

Robots are here to stay. The faster you harvest their potential, the faster you create a competitive edge for your business. Robotic Process Automation delivers direct profitability while improving accuracy across organizations and industries. Enabling RPA to handle any processes will not only transform and streamline your organization's workflow. It will allow for superior scalability and flexibility within the enterprise, doubled by fast, tailored response to specific needs. Software robots are easy to train and they integrate seamlessly into any system. Multiply them, and instantly deploy more as you go. They constantly report on their progress so you can go even bigger and better by using operational and business predictability, while improving strategically.

Better accuracy

Robotic Process Automation software robots are programmed to follow rules. They never get tired and never make mistakes. They are compliant and consistent.

Improved compliance

Once instructed, RPA robots execute reliably, reducing risk. Everything they do is monitored. You have the full control to operate in accordance with existing regulations and standards.

Fast cost savings

RPA can reduce processing costs by up to 80%. In less than 12 months, most enterprises already have a positive return on investment, and potential further accumulative cost reductions can reach 20% in time.

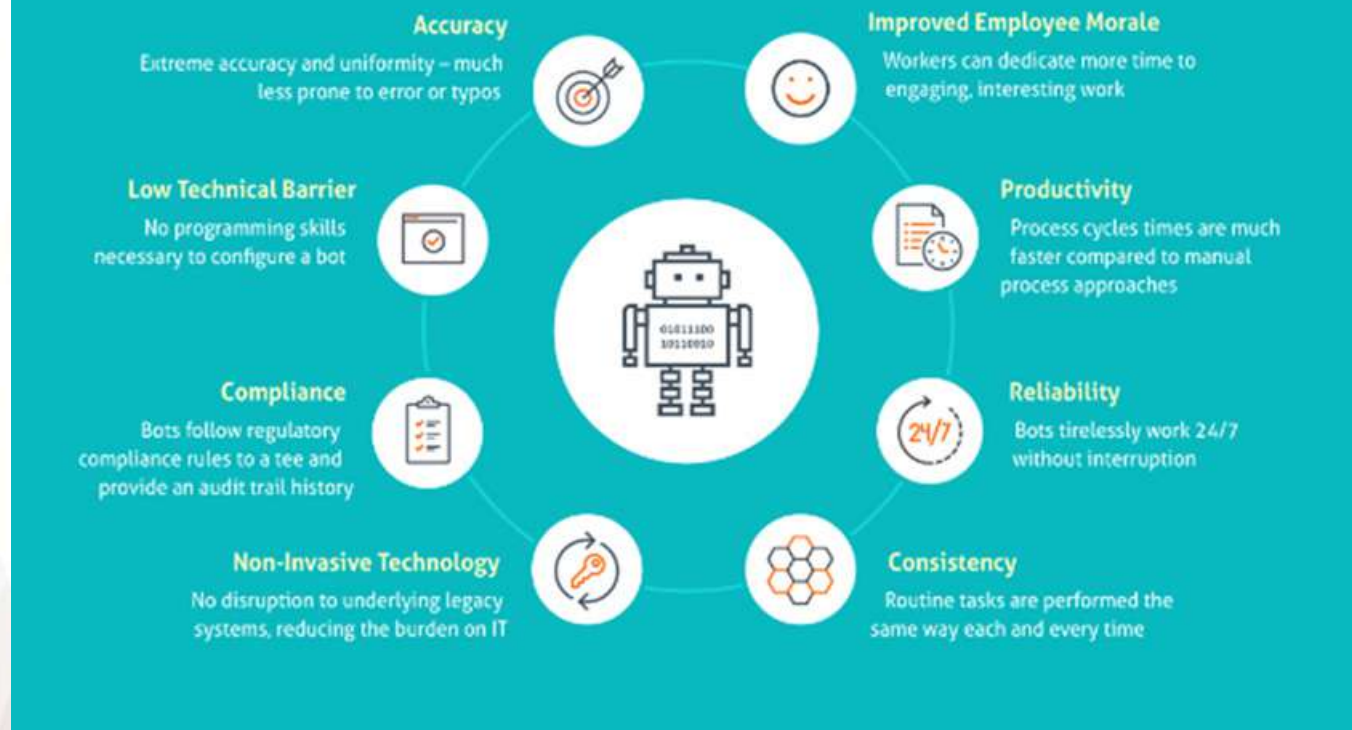
Super scalable

Across business units and geographies, RPA performs a massive amount of operations in parallel, from desktop to cloud environments. Additional robots can be deployed quickly with minimal costs, according to work flux and seasonality.

Increased speed and productivity

Employees are the first to appreciate the benefits of RPA as it removes non-value-add activities and relieves them from the rising pressure of work

Benefits of Robotic Process Automation



Dommati Sai Preetham
(18NG1A0513)
II CSE-A

ENGINEER'S DAY & 2ND ANNIVERSARY TECHNOZOLA

Dept. of C.S.E. Celebrates the Engineer's Day & 2nd Anniversary of Technozola - Students Technical Association, Conducted several events on Sep. 15th 2019.

Event - I

Catch the Bug & Fetch Logic.

Registration fee-20/-

USHA RAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

TECHNOZOLA
STUDENTS TECHNICAL ASSOCIATION

Computer Society of India

EVENT-1

Catch the Bug:-
1.Student Register as a solo Competitor & at the time of Competition all the participants are grouped into 2
2.Each Questions will be shown in limited time

Fetch logic :-
1.Based on first round top teams are to be Qualified for second round
2.Each participants is given with a practical problem solutions and they need to pitch their solution approach to the judges

DATE: September 9, 2019



Event - II

Technical Puzzles - 1. Fill the words & Cross the Words

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COLLEGE OF ENGINEERING AND TECHNOLOGY

Crosswords

You will be provided the Technical crossword puzzle and you have to complete that puzzle in given time.

TECHNOZOLA Computer Society of India

Faculty coordinator : Ch. Niharika (8341410505)
Student coordinator : Chaitanya, Sahithi, Kiren

Dt: 11-09-2019
Registration Fee **20/-**

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Event - III

Data Visualization Using R

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COLLEGE OF ENGINEERING AND TECHNOLOGY

TECHNOZOLA **Computer Society of India** Since 1983

* Visualize the data as graphs using R Programming

Dt: 13-09-2019 **Registration Fee** **20/-**

Faculty coordinator : R. Nagaswara Rao
Student coordinator : V.Sagar(16NG1A05B2)
K.Bhanu(16NG1A05R2)

Data Visualization
Using R



Event - IV

Explore UR Query - SQL

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Explore UR Query

SQL

STRUCTURED QUERY LANGUAGE

BASICS

SQL SERVER

* Make changes in SQL Table using queries as per the requirement.

Dt: 11-09-2019 **Registration Fee** **20/-**

Faculty coordinator : G. Balaji (9999670215)
Student coordinator : Teja (16NG1A0501)
Pallavi (16NG1A0526)

TECHNOZOLA **Computer Society of India** Since 1983



Event - V

Technical Quiz



USHARAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY

Technical

quiz time!

Dt: 12-09-2019 Registration Fee 20/-

Faculty coordinator : B. Venu Prasad (9885704543)
Student coordinator : Sravani (16NG1A0594)
Kranthi (16NG1A0575)
S.Naveen (16NG1A05A6)

TECHNOZOLA
Computer Society of India



Technozola Members

Workshop

Workshop

Amazon web services workshop was conducted in CSE Department in Usha Rama College of Engineering & Technology from 3rd September - 2019 to 11th September - 2019

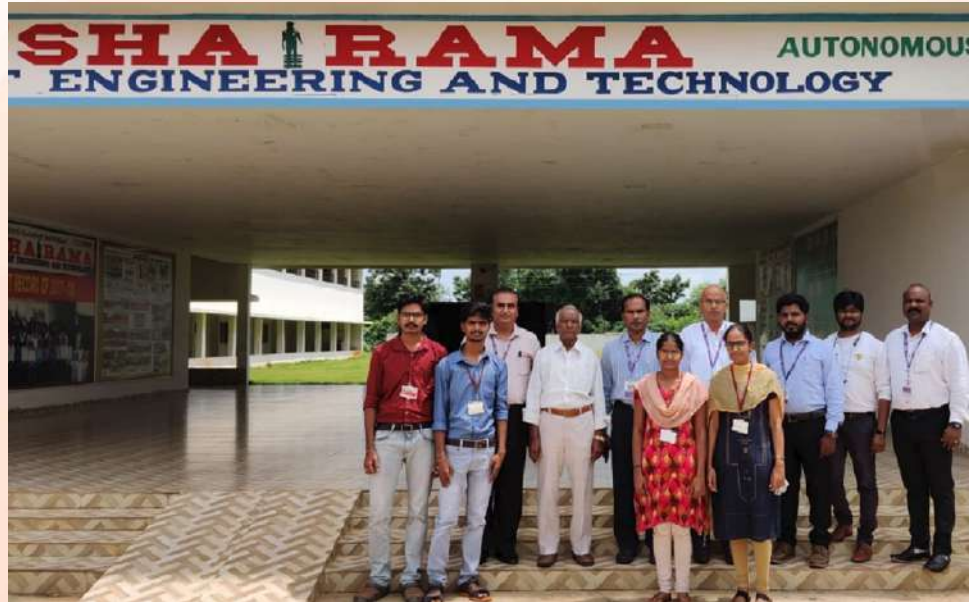
The main topics in this workshop is about hosting website in html by using mysql database. It mainly Includes about static and dynamic web pages creation.



STUDENTS Recruited by TCS & INSMAGRO GLOBAL SOLUTIONS PVT LTD

Congrats

**IN CSE
DEPARTMENT**
TCS 3 selected
students
Teja
Kiranmai
Surya



Likitha - 503, Sri Geethika - 511, D. Lavanya - 512, K. Mounika - 520, Preethnjali - 521, K. Divya - 524, K. Pallavi - 526, M. Swetha - 528, Prasanna - 529, Mallika - 530, Navya - 534, Anusha - 536, Talanja - 537, Rupa - 541, Sandhya - 548, Raaghave - 549, Prathyusha - 556, Lokesh - 558, Y. Gayathri - 560, K. Thanusha - 581, M. Madhavi Latha - 587, V. Theshitha - 580, E. Ramya Prasanna - 584, P. Sharmila - 595, D. Sai Kiran - 567, V. Bhavani Shankar - 583, Md. Arshad - 588, L. Someswara Rao - 586, K. Bhanu Phani Venkat - 582

ETHNIC DAY



3RD B.TECH STUDENT JYOSHNA WAS THE WINNER FOR THE ETHNIC DAY FROM CSE DEPARTMENT

NATIONAL SPORTS DAY



Shot on realme 3
By venu

STUDENTS Achievements





Machine Learning

Article

Artificially intelligent ICT system can make use of a combination of:

- Human knowledge that has been converted into a format suitable for use by an AI system;
- Knowledge generated by an AI system, perhaps by analyzing data, information, and knowledge at its disposal. This might be done, for example, by practicing on problems that have been handled by humans in the past, and comparing its performance to those of the humans. In a computer game setting, a computer might learn by analyzing games that it plays against itself.

Introduction

Many of the ideas of machine learning have come from a careful study of human learning. Indeed, such research has contributed to our understanding of human learning (Schank, n.d.).

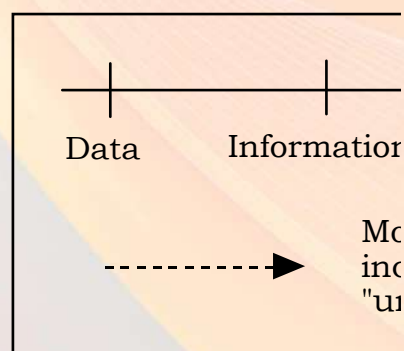


Figure 7.1. Data, Information, Knowledge, Wisdom, and Understanding.

We began this book with the observation that tools embody knowledge. We can analyze a tool in an attempt to determine the extent to which it embodies, contains, and/or uses data, information, knowledge, and wisdom, and the extent to which it has understanding. Here is a brief summary of some of the machine learning ideas that we have illustrated so far:

- We are quite used to the idea that certain manufacturing processes can be highly automated. An automated piece of factory machinery embodies the knowledge and skills to solve a particular type of manufacturing

problem. It can do its job without human intervention. The automated machinery may have a combination of algorithmic and heuristic intelligence. However, we would probably be hard pressed to claim that such a piece of factory machinery has any sort of understanding of what it is doing.

- We are quite used to the idea of people learning to use tools to augment and extend their physical capabilities. We also know that it can take a lot of education, training, and experience to develop a high level of expertise in using some of these tools—for example, a carpenter's hand and power tools. Such tools embody some of the knowledge and skills of their developers. However, we would be hard pressed to claim that such tools have any sort of understanding of what they are doing.
- Reading, writing, and arithmetic are cognitive tools. They are an aid to the semi-automation or automation of a number of mental tasks. It takes a long period of education and experience to develop a high level of expertise in using these cognitive tools.
- A book, such as a math book, stores data and information. We don't want to think of such a book as being intelligent. However, the book and an appropriately educated person working together can outperform either alone in certain problem situations.
- ICT has made major contributions to our collection of cognitive tools. Moreover, more and more of these tools are "I can do it for you" ICT systems. That is, we have automated a number of cognitive tasks, in the same sense that we have automated a number of factory manufacturing tasks.
- Computers are designed for the input, storage, processing and use, and output of data and information. They do this following detailed step by step procedures that we call computer programs. Such procedures may be a combination of algorithms (guaranteed to solve a particular type of problem) and heuristics (designed to solve a particular type of problem, but not guaranteed to work all the time). Computer procedures, as well as computerized tools, are a new way to embody certain types of knowledge and skills.
- The capabilities of ICT systems are improved by improving the hardware, software, and connectivity. We are living at a time in which rapid progress is occurring in developing faster computers, larger computer memories, increased bandwidth in telecommunications systems, and better software.
- The capabilities of ICT systems are improved by developing better underlying theory (through research), both in ICT and also in the disciplines that contain or generate the problems.

Computer Use of Knowledge Developed by People


Chess Example and Some Implications

Human chess experts continue to analyze possible opening sequences and end games. As their results are added to a chess-playing computer's repertoire, the program is gaining in knowledge. That is, human knowledge of this sort is easily converted into a type of knowledge that a computer can use. Of course, human chess experts continue to study this gradually growing database of accumulated knowledge and to make use of it as they play chess.

From an education point of view, we need to think about rote memory for situations requiring immediate recall and use, and rote memory for situations not requiring immediate recall and use. Building and maintaining one's rote memory is time consuming. Thus, our educational system needs to make careful decisions as to what rote memories to foster. The emphasis should be on rote memories that the student will find frequently useful in situations requiring immediate recall.

When a chess player is participating in a chess tournament, he or she cannot refer to reference books or a computer in deciding on a move during a game. (An exception to this occurs when a game is adjourned, and then continued later, such as the next day.) Somewhat similarly, when a student is answering an essay test question, he or she is (typically) not allowed to make use of reference books or a dictionary. I say "somewhat similarly" because chess tournaments are governed by a careful set of rules—the rules and the tournament are the "real world" of chess competition. However, timed essay tests done without use of reference materials are relatively far removed from the real world of writing and making use of one's knowledge. Such tests violate the principles of situated learning for transfer of learning to non-school setting.

STUDENTS Achievements



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

TALUPULA SAHITHI


for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **68** %


Online Assignments	25/25	Programming Exam	22/25	Proctored Exam	21.25/50
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Total number of candidates certified in this course: **2747**




Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM


Jul-Sep 2019
(8 week course)



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras





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Ph: 0871225 886-25755, Website: www.usarama.edu.in

Department of Computer Science & Engineering


19th October 2019

LETTER OF APPRECIATION

CONGRATULATIONS
YOU HAVE ACHIEVED 100% ATTENDANCE

CHAKKA DOLA VENKATA NAGA LAKSHMI RUPADEVI
(18NG1A0507)

This letter is to appreciate your attendance performance during the last Semester II / I - from 10th June 2019 to 05th October 2019 you have been secured 100%. On behalf of the Higher Management, Director, Principal & Staff's of Usharama College of Engineering and Technology, I would like to extend my heartfelt congratulations and appreciation to you for your outstanding attendance performance.



Head of the Department
Department of Computer Science & Engineering
Usharama College of Engineering & Technology
Telaprola, Krishna Dt., A.P. - 521104

A National Awards

Indian servers is immensely pleased to confer the hieghest honour of **"ACHARYA RATNA"** a life time achievement award for the yera 2019 to **Dr. Kurra Rajasekhara Rao.**



Indian servers is feels honoured to felicitate for your Exemplary services of all the educators for their out standing contribution to the community of students with **"UTTAM ACHARYA"** puraskar presented to **Dr. Subramani Roy Choudri**



आचार्य रत्न

(A National Award)



Indian Servers is immensely pleased to confer the highest honour of

"ACHARYA RATNA"

A Lifetime Achievement Award for the year 2019 to
Dr. Kurra Rajasekhara Rao

Dr. Kurra Rajasekhara Rao was born on 01st July 1964. He completed his B.E in ECE from Bapatla Engineering College (Affiliated to ANU) in 1985, M.S in Software Systems from BITS , Pilani in 1992. He was awarded Ph.D from Acharya Nagarjuna University in the Department of Computer Science and Engineering in 2008.

Dr. Kurra Rajasekhara Rao has 33 years of Teaching and research Experiences and he is presently working as Director, Usha Rama College of Engg.&Tech., Telaprolu , Vijayawada , Krishna District , Andhra Pradesh. He worked for nearly three years as Director in Sri Prakash College of Engineering (SPCE),Tuni. He also worked at KLCE/K.L. University for 20 years as a faculty member in various positions as HOD of CSE, HOD of IT, Vice-Principal, Principal, KL College of Engineering (Autonomous), and Dean(Administration), Dean (Faculty & Student Affairs) Dean(Exams & Evaluation) of KLU and he also worked as lecturer for 7.5yrs in SVHCE , Machilipatnam.

Dr. Kurra Rajasekhara Rao published more than 207 research papers in various International/National Journals and Conferences and produced 24 Ph.Ds till now and currently he is guiding 8 research scholars. He is recognized as a Research Supervisor by ANU, Krishna University, JNTUH, JNTUK, Rayalaseema University, KLU Vijayawada and SCSVMV University, Kanchi, TN.

He also awarded with "Patron Award" for his outstanding contribution, by India's prestigious professional society Computer Society of India (CSI) for the year 2011 in Ahmadabad. He has been adjudged as best teacher and has been honored with "Best Teacher Award" for seven times by KLU. ASDF honored as a "Best Dean" through Honorable Chief Minister of Puducheri in 2012. He also served as Chairman of CSI-Vijayawada Chapter .

Dr. Kurra Rajasekhara Rao has a Fellow of APAS & IETE, Life Member's of IE, ISTE, ISCA & CSI and Member of ACM and he worked as sectional committee member for Engineering Sciences of 100th Annual Convention of Indian Science Congress Association. He was a past Chairman for Koneru Chapter of CSI. He is also contributing as a member of Board of Studies for CSE & IT, at Acharya Nagarjuna University, Krishna University, Sree Vidyaniketan Engineering College (SVEC), Tirupathi & Bapatla Engineering College(BEC), Bapatla.

Dr. Kurra Rajasekhara Rao also extended his services to K.L. University as Member of Board of Management, Dean's Council, Academic Council, Standing Committee, Research Board & Board of Studies [CSE]. KLCE/ KLU students used to treat him as GOD FATHER OF KLU.

Dr. Kurra Rajasekhara Rao standing as a Editor-in-Chief of an International Journal, IJST – International Journal of Systems & Technologies from Jan' 2008 to Jan' 2012 and he served in CSI as the State Student Coordinator of Andhra Pradesh from 1st April 2010 to 31st March 2014.

He is well known as Excellent Teacher with values, Good Researcher, Best Administrator and a Symbol of Discipline.

Mr. D SaiSatish
CEO, Indian Servers

In Association with



ఉషారామా అధ్యాపకులకు జాతీయస్థాయి పురస్కారాలు



కళాశాల డైరెక్టర్ రాజశేఖరరావును సత్కరిస్తున్న కళాశాల యాజమాన్యం

తేలవ్రోలు(ఉంగుటూరు)అక్టోబరు 3: ఇండియన్ సర్వీస్, ఐటీ అసోషియేషన్ సంస్థల సంయుక్త ఆధ్వర్యంలో భారతదేశంలోని ఇంజనీరింగ్ కళాశాలల్లో విద్యార్థుల అభ్యున్నతికి విశిష్ట సేవలందించిన అధ్యాపకులకు, ప్లేన్ మెంట్ ఆఫీసర్లకు మహాత్మాగాంధీ 150వ

జయంతి సందర్భంగా కానూరులోని వీఆర్ సిద్ధార్థ ఇంజనీరింగ్ కళాశాలలో బుధవారం నిర్వహించిన కార్యక్రమంలో నవభారత పురస్కారాలు ప్రధానం చేశారు. దేశ వ్యాప్తంగా 2500మంది అధ్యాపకులు పోటీపడగా, విద్యార్థుల ఓట్లు ఆధారంగా 50మంది ఉత్తమ ఆచార్య, 50 మంది ఆదర్శ ఆచార్య, 50మంది సర్వోత్తమ ఆచార్య పురస్కారాలు మరో 10 మందికి జీవిత సాఫల్య పురస్కార అవార్డు ఆచార్య రత్నకు ఎంపికయ్యారు.

కాగా తేలవ్రోలు ఉషారామా కళాశాల డైరెక్టర్ కె. రాజ శేఖరరావుకు ఆచార్య రత్న అవార్డు, సీఎన్ఈ విభాగాధి పతి ఎన్.ఎం.రాయ్ చౌదరికి ఉత్తమ ఆచార్య అవార్డు లభించినట్లు కళాశాల ప్రిన్సిపాల్ ప్రసాద్ తెలిపారు. ఈ సందర్భంగా గురువారం కళాశాలలో ఏర్పాటు చేసిన ఆత్మీయ సన్మాన సభలో కళాశాల చైర్మన్ సుంకర రామబ్రహ్మం మాట్లాడుతూ కళాశాలలోని డైరెక్టర్, అధ్యాపకులకు జాతీయ స్థాయిలో రెండు అవార్డులు లభించటం గర్వకారణంగా ఉందన్నారు. అనంతరం పురస్కార గ్రహీతలను కళాశాల యాజమాన్యం, అధ్యాపకులు దుశ్శాలువా, పుష్ప గుచ్చం, మేమెంటోలతో ఘనంగా సత్కరించారు.



उत्तम आचार्य पुरस्कार

(A National Award)

Dr. Subramani Roychoudri
Professor, Usha Rama College of Engineering and Technology

A Teacher is the heart of Education System and always remains as an inspiration to their students. A human without education is like a building without foundation. One who remembers their education may not remember the methods or techniques taught in the classroom but they remember teachers. Indian Servers feels honoured to felicitate you for your exemplary services of all the employean educators for their outstanding contributions to the community of students with "UTHAMA ACHARYA PURASKAR", A National Award for Impact Creators in Engineering Education in commemoration of 150th Birth Anniversary Celebrations of Mahatma Gandhi.

In Association with



Information Technology Association of Andhra Pradesh (ITAP)



Integrates Information Technology Association



Tahasilla - IAS Academy



IMPACT Foundation



INDIAN SERVERS

Sai Satish

Mr. D SaiSatish
CEO, Indian Servers

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Dr. Srujan Raju,
CSE HOD, CMRTC, Hyderabad.

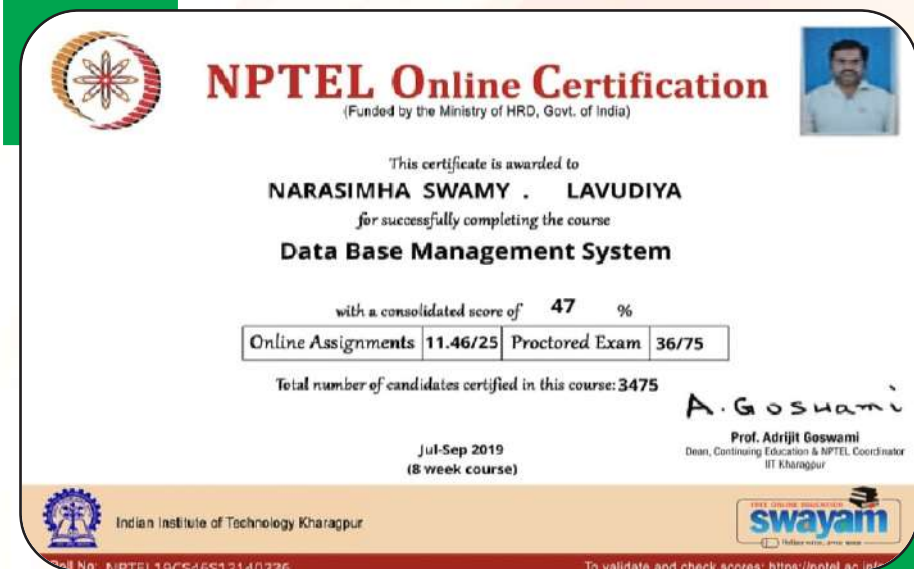
Mr. C. Srikanth,
TPO, Anurag Instituions,Hyd.
Dr. C. Nagaraju,
Associate Professor,
YV University, Kadapa
Dr. Suvarna Vani,
Professor,
VRSEC, Vijayawada.
Dr. P. Venkateswara Rao,
CSE HOD,
NEC, Gudur.

Dr. M.V.Subramayam,
Principal, SREC, Nandyala.
Dr. Surendra Babu,
TPO, NRI Agiripalli.
Dr. K.V.N Sunitha,
Principal,
BVRITW, Hyderabad.
Dr. Sudhakar Reddy,
Principal, SVCE, Tirupathi



FACULTY Achievement

NPTEL Online certification was awarded to CSE faculty.



NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
NARASIMHA SWAMY . LAVUDIYA
for successfully completing the course
Data Base Management System

with a consolidated score of **47** %

Online Assignments	11.46/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 3475

Jul-Sep 2019
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL19CS50512140276 To validate and check scores: <https://nptel.ac.in/>



NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
KILARI RAMPRIYA
for successfully completing the course
Introduction to Operating Systems

with a consolidated score of **52** %

Online Assignments	13.96/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: 506

Devendra Jalihal
Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

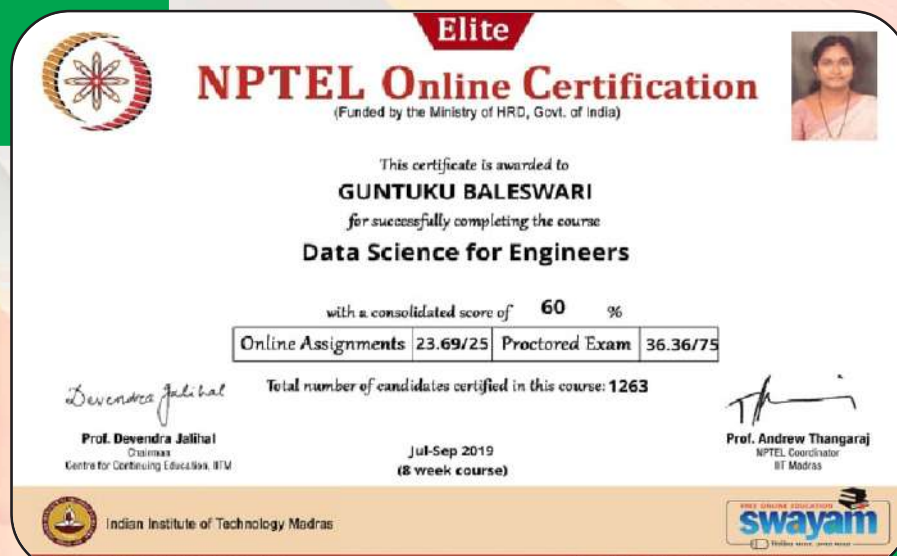
Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS50512140721 To validate and check scores: <https://nptel.ac.in/>



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
GUNTUKU BALESWARI
for successfully completing the course
Data Science for Engineers

with a consolidated score of **60** %

Online Assignments	23.69/25	Proctored Exam	36.36/75
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Total number of candidates certified in this course: 1263

Devendra Jalihal
Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS50512140264 To validate and check scores: <https://nptel.ac.in/>

Duration of NPTEL course: 8 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
VEMULAPALLI RASHMI
for successfully completing the course
Theory of Computation
with a consolidated score of **41 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Sep 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CS79S12140715

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2019, similar to other refresher / orientation courses. For AICTE / MHRD / HRD / Govt. of India, Ministry 2019-2021-22



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
VEMULAPALLI RASHMI
for successfully completing the course
Theory of Computation

with a consolidated score of **41 %**

Online Assignments	10.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 321

Prof. Rajesh M. Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL19CS79S12140715

To validate and check scores: <https://nptel>



EMERITUS INSTITUTE OF MANAGEMENT

EMERITUS INSTITUTE OF MANAGEMENT HEREBY CERTIFIES THAT
MUNI MAHESH KUMAR KANCHI VENKATA
HAS ATTENDED AND SUCCESSFULLY COMPLETED THE
**POSTGRADUATE DIPLOMA IN
INNOVATION AND DESIGN THINKING**
NOVEMBER 2018 - AUGUST 2019

Bob Halperin
Academic Director
EMERITUS

Ashley Chiang
Learning Director
EMERITUS

In collaboration with:

MIT MANAGEMENT
EXECUTIVE EDUCATION

Columbia Business School
AT THE VERY CENTER OF BUSINESS
& EXECUTIVE EDUCATION

Tuck
EXECUTIVE EDUCATION
- DARTMOUTH

CANCER Awareness Programme

Students & staff from CSE Department has participated in Cancer awareness programme.





Executive Members :

- | | | |
|------------------------------|---|---|
| Mr. B.S. VARA PRASAD | - | "Editor-in-Chief"
Assistant Professor of CSE Department |
| Ms. V. RASHMI | - | "Associate Editor"
Assistant Professor of CSE Department |
| Mrs. S. ASWINI | - | "Manuscript Editor"
Assistant Professor of CSE Department |
| Mr. M. SAMBA SIVA RAO | - | "Technical Editor"
Associate Professor of CSE Department |

Student Representatives :

- | | | |
|----------------------------|---|----------------------|
| Md. Farroq | - | II - CSE - A |
| G. Gouri Seshasree | - | II - CSE - A |
| M.S.S. Kiran | - | II - CSE - B |
| G. Sahithi Priya | - | II - CSE - B |
| D. Jessey Mercedes | - | III - CSE - A |
| L. Om Sai Prakash | - | III - CSE - A |
| D. Omkar Sai Prasad | - | III - CSE - B |

USHARAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY