



JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

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NARSAMPET, WARANGAL - 506332

Name of the Programme

11. Big Data Analytics and
Research Issues



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date: 25-05-2020

The department of Computer Science and Engineering is organizing a webinar on “**Big Data Technique**” for Faculty on 31-05-2020. So, CSE Faculty are hereby informed to utilize this opportunity.

HOD - CSE

Head of the Department
Computer Science Engineering
JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES
Narsampet, Warangal (TS) - 506 332.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Brochure

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES
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AICTE SPONSORED
SHORT TERM TRAINING PROGRAMME
ON
BIG DATA ANALYTICS AND RESEARCH ISSUES
13th - 19th August 2019
Organized by Department of Computer Science & Engineering

Registration Form

Name:.....
Qualification:.....
Designation:.....
Name of the Institution:.....
Mailing Address:.....
Phone (Mobile) :.....
E-Mail Address:.....
Gender:.....
Experience(Years):.....
a) Teaching :.....
b) Research:.....
Accommodation required: YES/NO.....

Authorised Signatory

DECLARATION
The above information is true to the best of my knowledge.

Signature of Applicant
Signature & Seal of Principal / HOD

Genesis of JITS

Sponsored by the Jayamukhi Educational Society, the Jayamukhi Institute of Technological Sciences came into being in 2001 to provide quality and contemporary education with social relevance in the engineering faculty with an ultimate vision to maintain global standards in higher learning and research. The Institute has approval of AICTE and recognized by the Government of Telangana. It is an affiliated college of Jawaharlal Nehru Technological University (JNTU), Hyderabad. The Institute has come upon 40 acres of green pastures in Narsampet about 30km away from the historic city of Warangal and presents a picturesque and panoramic view.

The Institute offers a four-year B.Tech. Programme in the branches of CSE, ECE, EEE, ME & CIVIL and at the postgraduate level it offers courses like M.Tech(CSE), M.Tech(SE), M.Tech (VLSI Design), M.Tech (ES), M.Tech (Power Systems Control and Automation), M.Tech(CAD/CAM), M.B.A in addition to B.Pharmacy, M.Pharmacy, Pharm.D and B.Ed. Courses under the fold of the same Society. Jayamukhi is an Autonomous Institution, permanently affiliated to Jawaharlal Nehru Technological University, Hyderabad, approved by All India Council for Technical Education and recognized by UGC under 2(f) & 12(b).

About Department of CSE

Department of Computer Science and Engineering has set a vision "To be a premier department for education in Computer Science & Engineering in the state of Telangana, moulding students into professional engineers". The department imparts state of the art education and encourages cutting edge research. It offers UG Program, PG Program in CSE and SE. Well equipped Laboratories have been facilitated for the students, research scholars and the funds are generated from AICTE/UGC.

About STTP

In the Recent years, Big Data applications attracted obsession from industry, academia as well as government sectors. Nowadays Big Data Analytics have become an extremely challenging research area. The term Big Data defines extremely large data sets that may be analyzed computationally to reveal patterns, trends, and associations, especially relating to human behavior and interactions. Daily, trillions of data is coming from social networking sites, scientific experiments, mobile conversations, sensor networks and various other sources. We need latest tools and techniques to organize, store, manage, process and analyze Big Data. This training program logically presents various research trends allied to Big Data analytics. The STTP will be helpful in imparting the research ability and therefore enhancing the quality of research by implementing data analytical competence.

Topics Covered

- Models of Cloud
- Distributed Computing
- Programming Paradigms
- Big Data Applications
- Big Data Paradigms
- Big Data Privacy issues
- Pre-processing
- Data Models
- Big data analytics
- Application kernels.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Resource Person Details

Sri.Bala Prasad Peddigari, TCS,Hyderabad has delivered lecture on Big Data Fundamentals.

Dr.N.Ramana, KU has delivered a series of lectures on Introduction to Distributed Computing and Big Data Analytics.

Prof.G.Narsimha, Department of CSE, JNTU, Hyderabad has delivered a lecture on Fundamentals of Cloud Computing

Sri.Md.Sharfuddin Waseem, KITSW has delivered a lecture on Cloud Models.

Prof. K.Ramesh NITW Department of CSE, Warangal has delivered lecture on Privacy issues in Big data.

Dr. K.Ilaiah,NITW,CSE has delivered lecture on Drivers for Big Data and Big Data Analytics Domain .

Mr.A.Sandeep,VEGA Technology Hyderabad has delivered lecture on Big data Paradigms.

Sri. A.Srinivas, Head CSE, SRECW has delivered a lecture on Hadoop Technologies

Introduction to Big Data.

Mr.T.Pranabh Kumar and team, Oracle has delivered lecture on Overview of Hadoop, Latest trends in Big Data, Map Reduce, Introduction and insight of Spark framework, Machine learning in Big Data.

Dr. B. Sateesh Kumar JNTUH has delivered lecture on Research issues in Big Data .



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Schedule

Date/Day	Forenoon Session		Afternoon Session		
	10:00am to 11:45am	12:00pm to 1:00pm	1:30pm to 2:30pm	2:45pm to 4:00pm	
02.12.2019 (Monday)	Registration (10:00 to 10:30)	Inaugural address by Bala Prasad Peddigari, TCS	Big Data Fundamentals By Bala Prasad Peddigari, TCS	Introduction to Distributed Computing by Dr.N.Ramana, KU	Introduction to Big Data Analytics Dr.N.Ramana, KU
03.12.2019 (Tuesday)	Fundamentals of Cloud Computing Dr.G.Narsimha, JNTUH /Sri.Md.Sharfuiddin Waseem, KITSW	Cloud Models Sri.Md.Sharfuiddin Waseem, KITSW	Hadoop Technologies Sri. A.Srinivas, Head CSE,SRECW/ Prof.P.Niranjana, KITSW	Privacy issues in Big data Prof. K.Ramesh NITW/ Vidya - Sagar,TCS	Drivers for Big Data and Big Data Analytics Domain Dr. K.Ilaiah,NITW/ Dr.S.Kirubakaran JITS
04.12.2019 (Wednesday)	Big data Paradigms Dr.P.Satish Kumar IIT Roorkee/ Mr.A.Sandeep,VEGA Technology Hyderabad	Hadoop Technologies Sri. A.Srinivas, Head CSE,SRECW/ Prof.P.Niranjana, KITSW	Hadoop Technologies Sri. A.Srinivas, Head CSE,SRECW	Big Data Privacy Issues Dr.S.Rakoth Kandan, JITS	
05.12.2019 (Thursday)	Introduction to BigData Mr.T.Pranabh Kumar and team, Oracle	Overview of Hadoop Mr.T.Pranabh Kumar and team, Oracle	Latest trends in BigData Mr.T.Pranabh Kumar and team, Oracle	Map Reduce Mr. T.Pranabh Kumar and team, Oracle	
06.12.2019 (Friday)	Map Reduce Mr.T.Pranabh Kumar and team, Oracle	Introduction and insight of Spark framework Mr.T.Pranabh Kumar and team, Oracle	Introduction and insight of Spark framework Mr.T.Pranabh Kumar and team, Oracle	Machine learning in Big Data Mr. T.Pranabh Kumar and team, Oracle	
07.12.2019 (Saturday)	Big Data Application kernels Dr.P.Raj Kumar JITS	Research issues in Big Data Dr. B. Sateesh Kumar JNTUH	Research issues in Big Data Dr. B. Sateesh Kumar JNTUH	Valedictory Session	



JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

UGC-Autonomous, Narsampet, Warangal-506332(T.S)

AICTE SPONSORED SHORT TERM TRAINING PROGRAMME on

BIG DATA ANALYTICS AND RESEARCH ISSUES

(02nd to 07th December, 2019)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Programme Schedule



Handwritten signature and stamp:
DEPT. OF COMPUTER SCIENCE AND ENGINEERING
JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES
NARSAMPET, WARANGAL - 506332

M. L. Principal
Jayamukhi Institute of Technological Sciences
Narsampet, Warangal-506332.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Registration Form

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SHORT TERM TRAINING PROGRAMME
ON
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13th - 19th August 2019
Organized by Department of Computer Science & Engineering

Registration Form

Name:.....
Qualification:.....
Designation:.....
Name of the Institution:.....
.....
Mailing Address:.....
Phone (Mobile) :.....
E-Mail Address:.....
Gender:.....
Experience(Years):.....
a) Teaching :.....
b) Research:.....
Accommodation required: YES/NO.....

Authorized Signatory

DECLARATION
The above information is true to the best of my knowledge.

Signature of Applicant

Signature & Seal of
Principal / HOD



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

List of attended for workshop

S. No	Department	Name of the Candidate
1	Computer Science Engineering	Arshiya Maheen
2	Computer Science Engineering	Kandikatla Gnanaprabha
3	Computer Science Engineering	Myakala Sainath Reddy
4	Computer Science Engineering	Sambari Pramod Kumar
5	Computer Science Engineering	Nune Praveen
6	Computer Science Engineering	Hafsa Shabbeer
7	Computer Science Engineering	Sagi Saikrishna
8	Computer Science Engineering	Vallepu Venkateshwarlu
9	Computer Science Engineering	Amrutha Jhansi
10	Computer Science Engineering	Dodda Saikiran
11	Computer Science Engineering	Mr.R.Bharath Kumar
12	Computer Science Engineering	Mr.B.Naresh
13	Computer Science Engineering	Mr.T.Rama Krishna
14	Computer Science Engineering	Mr.K.Srinivas
15	Computer Science Engineering	Mr. M. Narender
16	Computer Science Engineering	Mrs.K.A.M. Sushma
17	Computer Science Engineering	Mrs.L.Tarasvi
18	Computer Science Engineering	Mr. P. Anand Kumar
19	Computer Science Engineering	Ms. S.Sandhya
20	Computer Science Engineering	Mr. K. Santosh Kumar

21	Computer Science Engineering	Mr. N. Sadanandam
22	Computer Science Engineering	Mr. G. Pandu Krishna
23	Computer Science Engineering	Mr. K. Dayakar
24	Computer Science Engineering	Ms. S. Sravanthi
25	Computer Science Engineering	Mr. S. Devender
26	Computer Science Engineering	Ms.B.Sujatha
27	Computer Science Engineering	Mr.G.Giri
28	Computer Science Engineering	Mr.N.Suman
29	Computer Science Engineering	Mr.N.Shivaprasad
30	Computer Science Engineering	Mr.A.Samba Raju
31	Computer Science Engineering	Mr.K.Subhash
32	Computer Science Engineering	Mr.B.Venkanna
33	Computer Science Engineering	Mr. P.Karteek Rao
34	Computer Science Engineering	Ms.T.Maheshwari
35	Computer Science Engineering	Mr. K. Chaithanya Kumar Reddy
36	Computer Science Engineering	Mr.K. Anil
37	Computer Science Engineering	Mr N. Sai Kumar
38	Computer Science Engineering	Mr.N.Shivaprasad
39	Computer Science Engineering	Mr.Ch.Naresh
40	Computer Science Engineering	Mr. D.Upender



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Feedback form



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AICTE SPONSORED ONE WEEK STTP On

"BIGDATA ANALYTICS AND RESEARCH ISSUES"

2nd -7th December 2019

FEEDBACK FORM

Coordinator: Dr. Jayadev Gyani, Professor, Dept. of CSE

1. Name of the Participant: SWETHA ARRA
2. Designation & Address: Asst. prof.
Vaagdevi college of Engineering,
warangal
506 00

3. Are the topics covered relevant to your Specialization: (Yes/No)
4. Are the topics generated interest in you for further study / Research in the Subject (Yes/No)
5. Please give your opinion on the following items (By marking X against each)

S.No	Item	Excellent	Very Good	Good	Satisfactory
1	Punctuality in the conduct of Lectures		✓		
2	Punctuality in the conduct of Lab sessions				✓
3	Course Material / Hand outs supplied				✓
4	Delivery of the Lectures				✓
5	Laboratory Exercises and their Standard				✓
6	Local Hospitality				
7	Transport Arrangement				✓
8	Cooperation from the Organizers		✓		✓

6. Which of the Topic covered are most liked by you and why?

Deep learning

7. Which one of the Resource persons influenced you more and the topic covered by him?

8. Difficulties faced by you (if any) while attending the program.

NO problems

9. Your suggestions for improvement.

BUS facility & proper food

Date:


(Signature)



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Report on Event

Inaugural Session:

The inaugural session for One Week Short Term Training Programme (STTP) was held on 2nd December, 2019. The president of the inaugural function **Prof.M.Lokanadha Rao Principal, Jayamukhi Institute of Technological Sciences** has conducted the proceedings.

Sri T.V.R.N.Reddy, Joint Secretary, Jayamukhi Institute of Technological sciences has welcomed all the dignitaries, Heads of Departments of various faculties and participants. He has advised all the participants to take full advantage of this programme, to enhance their knowledge and effectively implement in their respective colleges and improve the quality of engineering education.

Dr.Jayadev Gyani, Co-ordinator for the Two Day National Seminar has submitted a brief report and explained the technical significance of National Seminar on “Jini Technology”.

The chief guest for the inaugural session **Bala Prasad Peddigari, TCS,Hyderabad** has delivered the inaugural address and has explained the significance of STTP.

The Guest of honor for the inaugural session **Dr.Ramana Principal KU College of Engineering Kothagudem** has also delivered significance of Big data Analytics.

Prof.P.Rangaiah, Academic Director, Jayamukhi Institute of Technological Sciences has addressed the gathering and advised the participants to improve knowledge, technical skills, and programming techniques for STTP.

One Week STTP Course Material on “Big Data Analytics and Research Issues” has been released during the inaugural session.

Salient Features of the STTP Programme :

In the Recent years, Big Data applications attracted obsession from industry, academia as well as government sectors. Nowadays Big Data Analytics have become an extremely challenging research area. The term Big Data defines extremely large data sets that may be analyzed computationally to reveal patterns, trends, and associations, especially relating to human behavior and interactions. Daily, trillions of data is coming from social networking sites, scientific experiments, mobile conversations, sensor networks and various other sources. We need latest tools and techniques to organize, store, manage, process and analyze Big Data. This training program logically presents various research trends allied to Big Data analytics.

The STTP will be helpful in imparting the research ability and therefore enhancing the quality of research by implementing data analytical competence.

TOPICS COVERED

Models of Cloud

Distributed Computing

Programming Paradigms

Big Data Applications

Big Data Paradigms

Big Data Privacy issues

Pre-processing

Data Models

Big data analytics

Application kernels.

Resource persons are highly qualified, experienced faculty leading from technical institutions and software engineers from MNCs.

Technical Sessions :

Technical sessions were conducted by highly qualified and experienced resource persons from Reputed Institutions and from Software Industry.

Sri.Bala Prasad Peddigari, TCS,Hyderabad has delivered lecture on Big Data Fundamentals.

Dr.N.Ramana, KU has delivered a series of lectures on Introduction to Distributed Computing and Big Data Analytics.

Prof.G.Narsimha, Department of CSE, JNTU, Hyderabad has delivered a lecture on Fundamentals of Cloud Computing

Sri.Md.Sharfuddin Waseem, KITSW has delivered a lecture on Cloud Models.

Prof. K.Ramesh NITW Department of CSE, Warangal has delivered lecture on Privacy issues in Big data.

Dr. K.Ilaiah,NITW,CSE has delivered lecture on Drivers for Big Data and Big Data Analytics Domain .

Mr.A.Sandeep,VEGA Technology Hyderabad has delivered lecture on Big data Paradigms.

Sri. A.Srinivas, Head CSE, SRECW has delivered a lecture on Hadoop Technologies

Introduction to Big Data.

Mr.T.Pranabh Kumar and team, Oracle has delivered lecture on Overview of Hadoop, Latest trends in Big Data, Map Reduce, Introduction and insight of Spark framework, Machine learning in Big Data.

Dr. B. Sateesh Kumar JNTUH has delivered lecture on Research issues in Big Data .

VALEDICTORY SESSION :

The Valedictory session for the AICTE Sponsored Two day National Seminar was held on 07-12-2019 at 3:30PM

Prof.M.Lokanadha Rao, Principal, Jayamukhi Institute of Technological Sciences has conducted the proceedings of the valedictory session.

Dr.Jayadev Gyani , Co-ordinator for the AICTE Sponsored One Week STTP on “Big Data Analytics and Research Issues” has presented a report on the programme.

Most of the Participants have given a feedback on the programme and have expressed their satisfaction,

Prof.P.Rangaiah, Academic Director, Jayamukhi Institute of Technological Sciences expressed his satisfaction over the organization, arrangements and appreciated the participants for their keen interest, active participation during technical sessions, effective interaction with the resource persons and their presence to all the sessions.

Prof.M.Lokanadha Rao, Principal, Jayamukhi Institute of Technological Sciences has delivered the presidential address and thanked AICTE, New Delhi for sponsoring this STTP.



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Pics of the Event

Inauguration program by Mr.Bala Prasad Peddigari, TCS & Dr.N.Ramana,KU





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Mr.Bala Prasad Peddigari, TCS presentation on Big Data Fundamentals.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.N.Ramana, KU, presentation on Introduction to Big Data Analytics





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.G.Narsimha JNTUH presentation on Fundamentals of Cloud Computing





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Md.Sharfuddin waseem, KITSW presentation on Cloud Models.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Dr.S.Kirubakaran

JITS presentation on Drivers for Big Data and Big Data Analytics Domain





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Mr.A. Sandeep , VEGA Technology ,Hyderabad presentation on Big Data Paradigms.





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Dr.P.Satish Kumar IIT Roorkee presentation on Hadoop Technologies





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Mr T.pranabh Kumar and Team, Oracle presentation on Introduction to Big Data & Overview of Hadoop & latest trends in Big data & with Map Reduce & Introduction and insight of Spark frame work .

