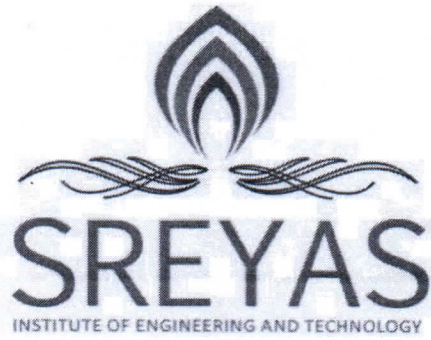


2016-17

2016-17

Name of the workshop/ seminar	Number of Participants	Date From – To
Entrepreneurship		
Seminar on Career Guidance	120	13-07-2016
Research Methodology		
Seminar on Analysis of Glass Fibre Reinforced Gypsum Building	21	12/10/2016
Seminar on Study of Hydraulic machines and its Technology	21	8/12/2016
One-week Workshop on Wireless and Optical Communication	27	26-12-2016 to 31-12-2016
FDP on Computer Vision and Image Processing	32	17/10/16 to 21/10/16
Workshop on Artificial Intelligence	28	21/11/16 to 23/11/16
FDP on Cyber Security	30	13/03/17 to 17/03/17
Workshop on Natural Language Processing & its Applications	30	22/05/2017 to 26/05/2017
Skill Development		
Workshop on Digital Survey Techniques and Total Station Training	43	08-03-2017 to 11-03-2017
Seminar on “Non-destructive testing machine”	45	30-12-2016
FDP on Construction Techniques and Management	25	23-09-2016 to 24-09-2016
Workshop on Structural Analysis and Design using STAAD PRO	22	20-02-2017 to 21-02-2017
Five Days Faculty Development programm on out come based Education	20	19-06-2017 to 23-06-2017
One week FDP on finite element analysis using ANSYS	18	20-12-2016 TO 24-12-2016

Workshop on Importance of Engineering Drawing and Its Pedagogy	16	20-6-2016 TO 25-06 -2016
Faculty Development Program on EDA Tools	26	24-04-2017 to 29-04-2017
Seminar on AM & FM Transmission	250	12.08.2016
Seminar on 8-PSK,16-PSK and QAM	210	4.11.2016
Seminar on " Abstract Data Types"	154	8/20/2016
Seminar on " Introduction to scripting Language and Basics of HTML	129	12/29/2016
Seminar on " PHP &LAMP"	157	8/12/2016
Workshop on " Ethical Hacking"	30	27/02/17 & 28/02/17
Workshop on " Building Mobile Apps using Advanced Methods	30	07/02/17 & 08/02/17



**SREYAS INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

HYDERABAD

REPORT ON

One day seminar on Career Guidance

(13-07-2016)

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

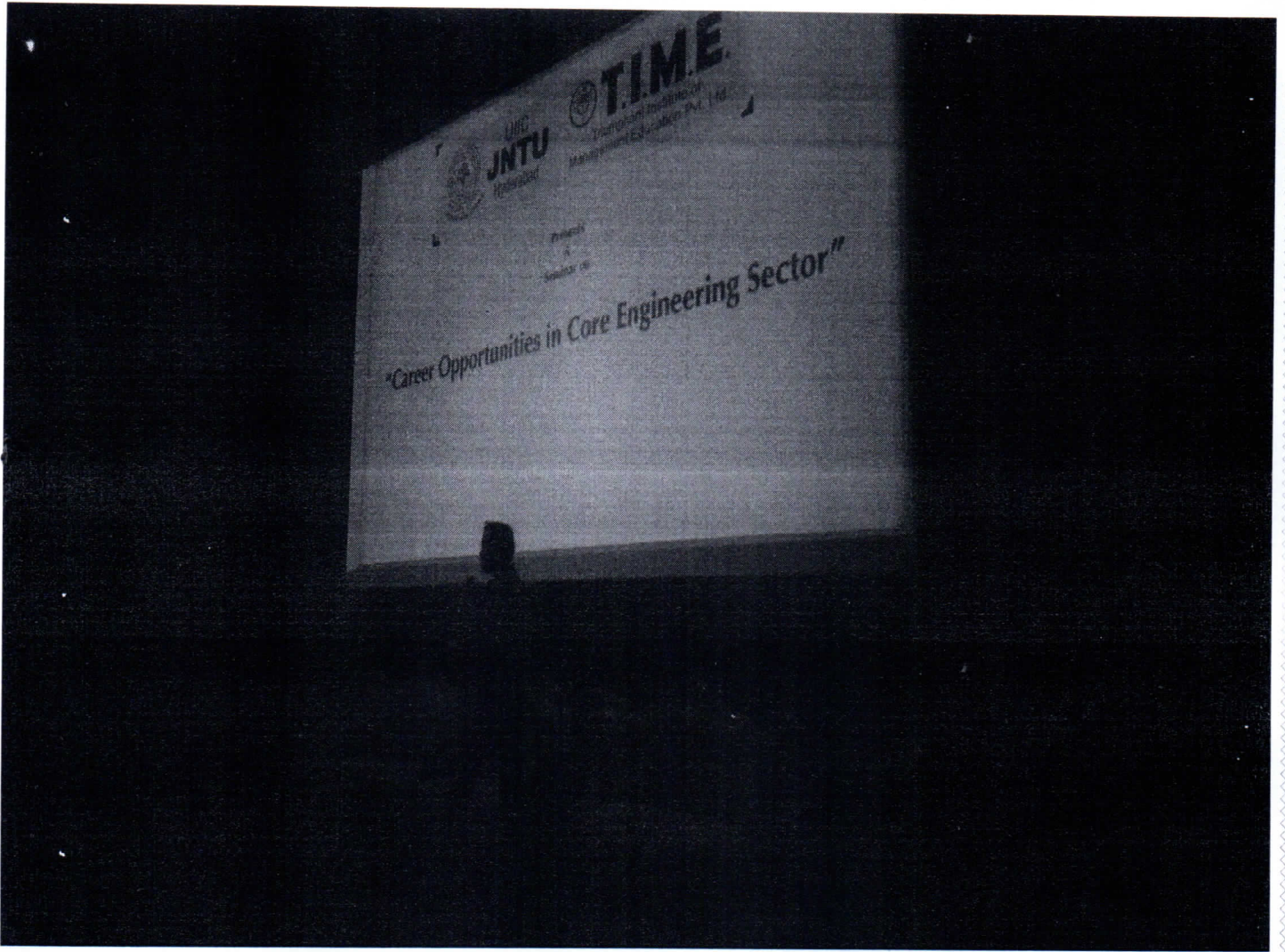
IMPORTANCE ACCEPTS IN THIS SEMINAR

The purpose of the GATE exam is to test students knowledge and understanding of their under Graduate level subjects in Engineering and Science. Every year lakhs of Engineering graduates passout from universities and engineering colleges. GATE In the present competitive scenario, to measure and test the caliber of engineering students is possible through the GATE exam only.

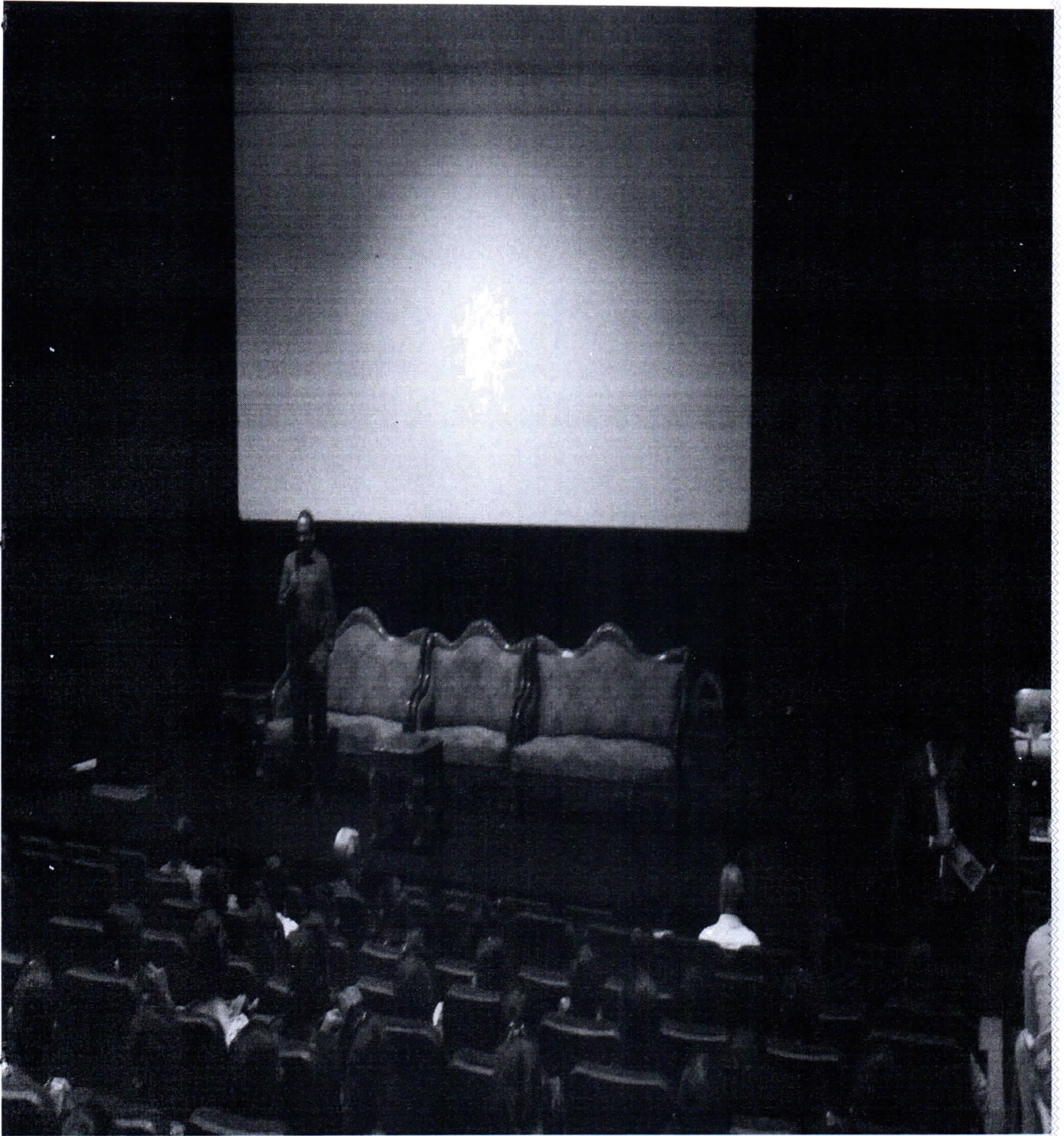
There is a misconception among students is that the GATE exam is only for ME. /M. Tech which finally leads to a teaching career only. But, it is not correct. The GATE score of the candidate is also used by several public sector undertakings (PSU) (i.e., government-owned companies like Indian Oil, GAIL, and Hindustan Petroleum etc.) for recruiting graduate engineers in entry-level positions, to get Fellowship Programs from CSIR and Scholarships in ME/M.Tech and many more.

- To pursue M.E./ M.Tech./ M.Sc programs in any of the leading institutes in the country
- Master's degree leads to specialization and cultivates and brings out best of your interest in a certain area which may lead to research / Ph.D.,
- More domain specific companies recruit through campus recruitment in leading Institutes.
- Higher salaries are offered for post graduate student when compared to a graduate
- Masters degree is a must for those wishing to apply for Faculty/Research positions in educational institutes and most of the R&D centers.
- Scholarship of Rs 8000/- is paid during masters course; so no dependency to parents for financial needs.
- GATE qualified candidates are also eligible for the award of Junior Research Fellowship in CSIR Laboratories and CSIR sponsored projects.
- More than 37 PSUs (Public Sector Undertakings-government organizations), like BARC, IOCL etc. prescribe GATE qualification as a requirement.
- Based on the GATE score, some of the foreign university (Like NTU, Singapore) offers Ph.D. position without any GRE score.

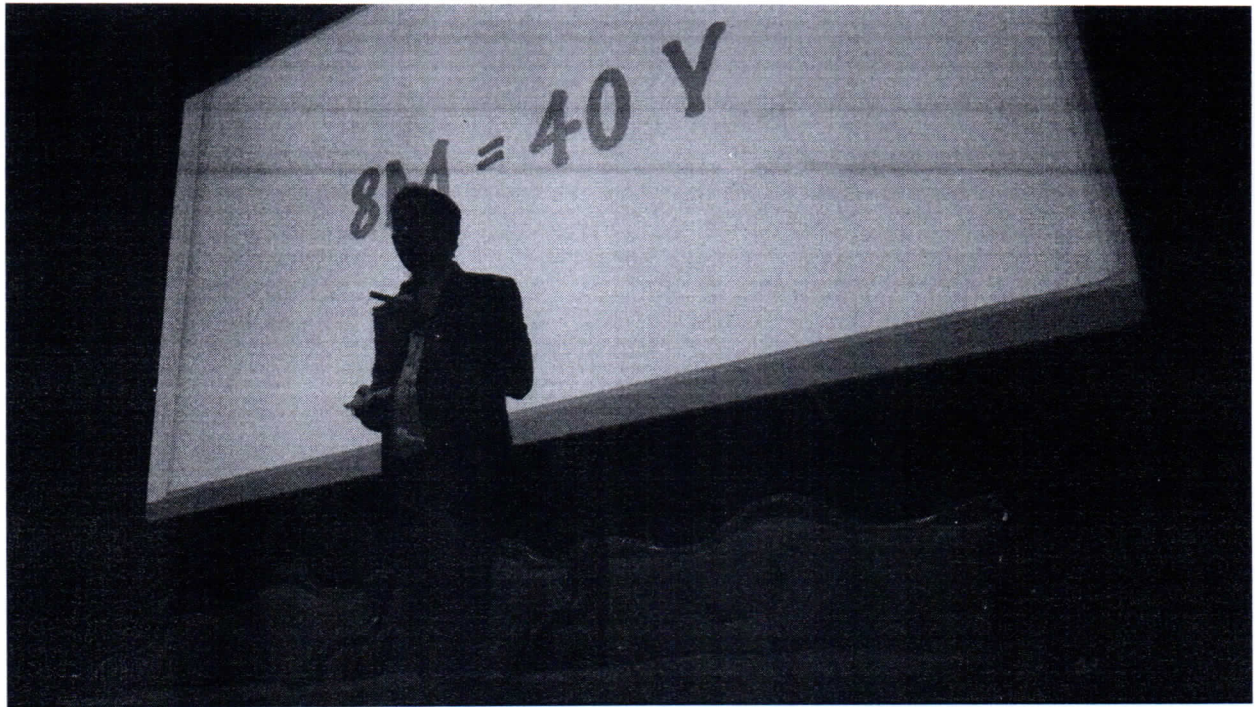
- Most importantly to get to be a part of any nationally reputed Educational Institute and enjoy learning and research in the conducive ambience.
- One gets intellectual satisfaction of working in the area of interest.
- Last but not the least, Master course changes the individual's thought process; teaches us how to approach and solve a problem in the totally new & unknown environment.



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Ashish
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DR. E. MUNEENDER profile



Founder of VISWA GATE Academy. He has pursued Ph.D. from NIT Warangal. He has 18 Years of Teaching Experience in Academic Teaching & Competitive Exams like GATE/ESE/PSUs etc. He has published 13 Papers in IEEE & other reputed International Conferences and Journals and is also guiding 4 Ph.D Students.



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INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTU Hyderabad & Accredited by NAAC
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National Level Seminar

On

"ANALYSIS OF GLASS FIBRE REINFORCED GYPSUM BUILDING"

Organized by

DEPARTMENT OF CIVIL ENGINEERING

SANRACHANA-2K16

Venue:

SREYAS AUDITORIUM

Date:

10-12-2016



CHIEF PATRON
Sri A. Vinay Kumar Reddy
Chairman

CO-PATRON
Sri A. Nriday Reddy
Vice Chairman

CHIEF GUEST
Mr. G. Surender
Consultant, PVP CORP. Ltd.

RESOURCE PERSON
P. Ashwin Kumar

Yasar Sharief
Convener

B.C. Naveen
CO-Convener

Dr. M. A. Kalam
HOD Civil Engineering

Dr. S. Venkateswara
Director

Dr. A. Suresh
Principal

A. Suresh

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9-39, Sy. No: 107, Tattianaram (V),
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PURPOSE OF SEMINAR ON ANALYSIS OF GLASS FIBRE REINFORCED GYPSUM BUILDING:

The seminar gives a brief idea about Glass fiber reinforced gypsum (GFRG) wall panel is made essentially of gypsum plaster reinforced with glass fibers. The panels are hollow and can be used as load bearing walls. The hollow cores inside the walls can be filled with in-situ plain or reinforced concrete. This paper presents guidelines for the use of GFRG wall panel as a lateral load resisting component in buildings based on a numerical analysis procedure to arrive at its capacity estimation under axial compression, compression with in-plane bending and shear. Variation of buckling load of unfilled GFRG wall panels for various widths is reported. The axial load carrying capacity of 1.02 m wide and 2.85 m high wall panel, obtained from the numerical analysis and the test results are comparable for this load case. While assessing the axial load capacity for design under compression, a minimum possible eccentricity (causing out-of-plane bending) is accounted for. An engineering model is proposed to assess the strength of unfilled and concrete filled GFRG wall panels in multi-storied building system subjected to lateral load such as earthquake.

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**SEMINAR ON ANALYSIS OF GLASS FIBRE
REINFORCED GYPSUM BUILDING**

RESOURCE PERSON PROFILE

Surender Ghanta

• Executive Engineer & Senior Faculty Member at WALAMTARI, IRRIGATION & CAD DEPT. Govt. of Andhra Pradesh.

Experience:

Executive Engineer & Senior Faculty Member

Company Name: WALAMTARI, IRRIGATION & CAD DEPT., Govt. of Andhra Pradesh,

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Bandlaguda, Nagole, Hyderabad-500068

CHIEF PATRON

Sri. A. Vinay Kumar Reddy

CO-PATRON

Sri.A.Hriday Reddy

RESOURCE PERSON

Prof. N. Suresh Kumar

NATIONAL LEVEL SEMINAR

ON

STUDY OF HYDRAULIC MACHINES AND ITS TECHNOLOGY

Organized by

DEPARTMENT OF CIVIL ENGINEERING

SANRACHANA-2K17

Venue :

SREYAS AUDITORIUM

DATE:

12-08-2016

Yasar Sharief

Convener

B.C.Naveen

Co-Convener

Dr.M.A.Kalam

HOD,Civil Engineering

Dr.S.Venkateswarlu

Director

Dr.A.Suresh

Principal

Asuresh
PRINCIPAL
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PURPOSE OF SEMINAR ON STUDY OF HYDRAULIC MACHINES AND ITS TECHNOLOGY:

The seminar gives a brief idea about Hydraulic machines. **Hydraulic machines** use liquid fluid power to perform work. Heavy construction vehicles are a common example. In this type of machine, hydraulic fluid is pumped to various hydraulic motors and hydraulic cylinders throughout the machine and becomes pressurized according to the resistance present. The fluid is controlled directly or automatically by control valves and distributed through hoses, tubes, and/or pipes.

Hydraulic systems, like pneumatic systems, are based on Pascal's law which states that any pressure applied to a fluid inside a closed system will transmit that pressure equally everywhere and in all directions. A hydraulic system uses an incompressible liquid as its fluid, rather than a compressible gas.

The popularity of hydraulic machinery is due to the very large amount of power that can be transferred through small tubes and flexible hoses, and the high power density and wide array of actuators that can make use of this power, and the huge multiplication of forces that can be achieved by applying pressures over relatively large areas. One drawback, compared to machines using gears and shafts, is that any transmission of power results in some losses due to resistance of fluid flow through the piping.

A fundamental feature of hydraulic systems is the ability to apply force or torque multiplication in an easy way, independent of the distance between the input and output, without the need for mechanical gears or levers, either by altering the effective areas in two connected cylinders or the effective displacement (cc/rev) between a pump and motor. In normal cases, hydraulic ratios are combined with a mechanical force or torque ratio for optimum machine designs such as boom movements and trackdrives for an excavator

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Ashish
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SEMINAR ON STUDY OF HYDRAULIC MACHINES AND ITS TECHNOLOGY

RESOURCE PERSON PROFILE

Full name : **DR. N. SURESH KUMAR.**
Father's name : Sri. N. RAMULU
Address for correspondence : DR. N. SURESH KUMAR,
Professor, Dept of Civil Engg.,
College of Engg (A), Osmania
University,
HYDERABAD – 500 007 (A. P.)
Tel : 040 -27097125, ext : 219
Fax : 040 - 27090317

Email : nskdr@yahoo.co.in

DETAILS OF EDUCATIONAL QUALIFICATIONS :

Name of the examination	Name of the Univ.	Year of passing	% of marks	Subjects taken
B. Tech.	Kakatiya Univ., WARANGAL	1985	70.9	Civil Engg
M. E.	Anna Univ., MADRAS	1988	84.56	Irrigation Water Mgt.
Ph. D.	IIT., BOMBAY	1998	-	Jet Mixing in Flocculators

TEACHING AND RESEARCH EXPERIENCE:

Teaching Experience : 18.0 Years
Research Experience : 4 .0 Years

RESEARCH PAPERS PUBLISHED IN JOURNALS :

Suresh Kumar, N. and Pani, B.S. (2002), '*Rapid Mixing with free jets*', Journal of Indian Water Works Association, Bombay, 34(3) : 191 to195

Suresh Kumar, N. and Pani, B.S. (2003), '*Tapered flocculation with hydraulic jets*', Journal of Indian Water Works Association, Bombay, 35(3) : 167 to 172

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B.S. Pani, S. G. Joshi, and Suresh Kumar, N. (2008), '*Retention time distribution in flocculation chambers*', Journal of Indian Water Works Association, Bombay, 40(1) : 63 to 72

Suresh Kumar, N. , Pani, B.S. and Joshi, S. G. (2009), '*Residual turbidity in hydraulic jet flocculators*', Journal of Indian Society for Hydraulics, Pune, 15(2) : 108 to 117

RESEARCH PAPERS PUBLISHED IN CONFERENCES :

Suresh Kumar, N., Joshi, S.G., and Pani, B.S. (1997), '*Jet Flocculators*', National Conference on Environmental Hydraulics and Free Surface Flows, Visakhapatnam (A.P.), India: III-1 to III-6

Suresh Kumar, N., Joshi, S.G., and Pani, B.S. (1998), '*Flocculation with the aid of Hydraulic Jets*', Second International Symposium on Environmental Hydraulics, Hong Kong :771 to 776.

Suresh Kumar, N., Pani, B.S., and Joshi, S.G. (2000), '*Correlation between degree of Mixing in Hydraulic Jet Flocculators and Settling Efficiency*', International Conference on Innovative Technologies for Rural Water Supply and Environmental Sanitation, Roorkee, India : 268 to 275

Suresh Kumar, N., and Gopala Krishna Rao, B. (2001), '*Catchment area treatment plans*', National Conference on Hydraulics & Water Resources, Pune : 16 to22


Sunitha, S and Suresh Kumar, N. (2002), '*Analysis of a watershed using GIS/ARC INFO*' National Conference on Geographic Information Systems and their applications in Civil Engg, Hyderabad : 128 to 132

Raju, P.V. , Suresh Kumar, N. and Chandrashekar, G. (2002), '*Real time adoptive irrigation water distribution plan using satellite data*', ISPRS Commission VII Symposium on Resource and Environment Monitoring, Hyderabad : 104 to 109

Rampradeep, A and Suresh Kumar, N. (2004), '*Lagrange's Method of Undetermined Multipliers for deriving Hydraulically efficient channel section*', Conference on Water Resources Development and Management Practices, Hyderabad : 136 to 142

Suresh Kumar, N. and Hima Bindu, Y. (2006), '*Chemical Oxygen Demand reduction from sewage using Fly-ash*', National Conference on Civil Engg Systems, Hyderabad

Suresh Kumar, N., Pani, B.S., and Joshi, S.G. (2007), '*Estimation of energy loss in jet Flocculators*', National Conference on Hydraulics & Water Resources, Surat : 279 to 286


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Suresh Kumar, N. and Ellam Raj, Y. (2010), 'Low-Cost Jet Clariflocculators', National Conference on Sustainable Water Resources Management and Impact of Climate Change, Hyderabad : 446 to 451

TECHNICAL NOTES PUBLISHED :

Published an article on ' Jet Flocculator for water treatment Plant' in 'The Hindu' News Paper Science and Technology Supplement HOT LINE Column dated 29th October 1998.

SPONSORED PROJECTS HANDLED :

Principal Investigator for 'Low-cost jet clariflocculators', R & D Project funded by AICTE for 6.0 lakhs (**Completed**)


MODROBS Project in Water Resources Engg Laboratory, funded by AICTE for 15.0 lakhs (**Completed**)

RESEARCH GUIDANCE: (M.E. dissertations)		
S.No.	Year	Name of the student
1	1999	A. Sudhkar
2	1999	S. B. Sumedha
3	2000	P. Srinivas
4	2000	B. Gopala Krishna Rao
5	2000	E. Maheshwar Reddy
6	2001	N. Seshadri Sekhar
7	2001	S. Sunitha
8	2001	R. Sambasiva Rao
9	2002	A. Ram Pradeep
10	2002	P. Venkat Raju
11	2003	D. Lokya
12	2005	Y. Hima Bindu
13	2005	V. Sekhar Rao
14	2005	G. Sashidhar
15	2006	Mahaboob Subani Shaik
16	In progress	S. Ravi Kumar

TRAINING COURESES ATTENDED :

Participated in a 23-day 'Orientation Course ' (3rd to 25th February, 2000) being organized by the Academic Staff College, Osmania University, Hyderabad.

Participated in a 5-day short-term course on 'Introduction to wind tunnel testing techniques' (27th to 31st May, 2002) being organized by the Indian Institute of Technology, Kanpur.


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National Conference on Hydraulics & Water Resources, Pune, India, (06th & 07th December, 2001), Suresh Kumar, N., and Gopala Krishna Rao, B. , '*Catchment area treatment plans*,: 16 to 22

National Conference on Geographic Information Systems and their applications in Civil Engg, Hyderabad, India, (14th to 16th February, 2002) Sunitha, S and Suresh Kumar, N. '*Analysis of a watershed using GIS/ARC INFO*' : 128 to 132

Conference on Water Resources Development and Management Practices, Hyderabad, India, (27th February, 2004), Rampradeep, A and Suresh Kumar, N. , '*Lagrange's Method of Undetermined Multipliers for deriving Hydraulically efficient channel section*' : 136 to 142

Suresh Kumar, N. and Ellam Raj, Y. (5th & 6th March, 2010), '*Low-Cost Jet Clariflocculators*', National Conference on Sustainable Water Resources Management and Impact of Climate Change, Hyderabad : 446 to 451

WORKSHOPS ATTENDED :

Participated in a 3-day workshop on '*Earth quake Disaster Mitigation*' (18th to 20th August, 1999) being organized by the Indian Institute of Public Administration , New Delhi.

Participated in a 1-day workshop on '*Artificial Neural Networks in Hydraulics*' (5th July, 2003) being organized by the Indian Society for Hydraulics, Pune.

Participated in a 1-day workshop on '*Environmental Pollution and Remedial Measures*' (26th June, 2004) being organized by Kakatiya Institute of Technology & Science, Warangal .

Participated in a 1-day workshop on '*Advances in Computational Structural Mechanics and Fluid Flows*' (5th December, 2005) being organized by Osmania University College of Engg, Hyderabad.

Participated in a 3-day workshop on '*Integrated Survey Using Total Station and GPS*' (15th to 17th April, 2008) being organized by Jawaharlal Nehru Technological University, Hyderabad.

Organized a 2-day workshop on '*Urban Stormwater Management-Issues and Challenges*' (20th and 21st February, 2009) at Dept of Civil Engg, Osmania University College of Engg, Hyderabad.

CONSULTACY PROJECTS HANDLED :

One of the three Coordinators for the quality control report to the A. P. State Government regarding the works executed under Janma Bhoomi Programme.

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One of the three Coordinators for the preparation of Master plan to the Moulana Azad National Urdu University, Hyderabad.

Designed the power requirements of Lift Irrigation Scheme for the Srisaillam Left Bank Canal.

Designed the gate operation schedule for the Sewage Treatment Plant, Okhla, New Delhi.

INVITED TALKS :

'Unit Processes in Water Treatment' at Hyderabad Metro Water Supply and Sewerage Board Training Programme for Managers funded by World Bank (February,1998).

'Hydrology' at one day orientation workshop on Issues in Water being organized by Godavari Vedika, Hyderabad (September,2003).

Flood Management- Structural and Non-Structural measures organized by Engg Staff College of India, Hyderabad (September,2004).

CONTRIBUTION TO CORPORATE LIFE :

Assisted the Chief Superintendent from 1997 to 1999 of M.E. exams in the

1. collection of attendance details and sessional marks
2. checking the attendance details of the individual students
3. conduct of M.E .exams
4. compiling, publishing, and declaring the results of M.E. (Regular and Part-time) programme.

Acted as Departmental Convener for the M. E. (Regular and Part-time) Admissions in the year 2000 and 2008.

Acted as Department Coordinator for the preparation of Time-Tables in the academic year 2005-2006

Looked after the requirements/developments of the Environmental Engg Laboratory from 1997 to 2006.

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Looked after the requirements/developments of the Fluid Mechanics Laboratory from 2004 to 2006.

Looked after the requirements/developments of the Department Library from 2002 to 2006.

Looked after the requirements/developments of the Computer Laboratory from 2006 to 2007

Coordinated the networking of Civil Engg Department premises.

Formulated the syllabus for Water Resources Engg related subjects of the Osmania University College of Engg.

Prepared the Environmental Engg laboratory Manual for the use of UG students.

Formulated the syllabus for several courses in the M.E. (CIVIL- HMWM) programme.

Introduced new experiments in the M.E. (CIVIL- HMWM) Water Resources lab. (This was done by making the best use of the available materials lying in the scrap as well as the facilities lying idle in the lab.)

Introduced additional experiments in the Environmental Engg laboratory course.

Faculty Adviser of M.E. (CIVIL-HMWM) programme for the academic year 2004-2005.

Member of the Board of Studies (Civil Engg) of the Osmania University College of Engg. from 2000 to 2008.

Member of the Civil Engg Dept Purchases Committee of the Osmania University College of Engg. from 2004 to 2006.

Member of Civil Engg Departmental Committee from 1998 to 2000 and 2004 to 2006.

Member of the Credit based System Committee of the Osmania University College of Engg.

Member of the 'Operations and Maintenance Committee of Osmania University in 1999.

Life Member of Indian Society for Technical Education (LM-4310)

Life Member of Indian Society for Hydraulics (LM-447)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to JNTU, Hyderabad)
Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

DEPARTMENT OF ELECTRONICS and COMMUNICATION ENGINEERING

One-week Workshop

on

Wireless and Optical Communication

26th to 31st December 2016

Contact:
Mr. Y Sathish Kumar
Associate Professor, ECE
80083 79494

Convener:
Mr. B. Sreenivasu
HOD, ECE
95022 51564

A. Suresh
PRINCIPAL

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Hyderabad | PIN:500068

Department of Electronics and Communication Engineering

One-week Workshop on Wireless and Optical Communication

Date: 26-12-2016 to 31-12-2016

Schedule of One-week Workshop on Wireless and Optical Communication			
Day-1 (26/December/2016)			
Registration and Inauguration: 9.00 AM to 9.30 AM			
Sl. No.	Topics to be covered	Time	Name of the Resource Person
	Inauguration	9.30 AM to 10.00 AM	
1	Fundamentals of Wireless and Optical Communication	10.00 AM to 11.30AM	Mr. B. BHASKER RAO General Manager BEL
2	Introduction to Optical Communication Devices and Networks	11.40 AM to 01.30 PM	Mr. B. BHASKER RAO General Manager BEL
Lunch Break (01.30 PM to 02.00 PM)			
3	Free space Optical Communication	02.00 PM to 4.00 PM	Mr. B. BHASKER RAO General Manager BEL
Day-2 (27/December/2016)			
4	Wavelength-routed Optical Networks	09.00 AM to 11.00 AM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Tea Break			
5	Routing and Wavelength Assignment	11.10 AM to 01.00 PM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Lunch Break (01.00 PM to 02.00 PM)			
6	Algorithms, Optical burst Switching	02.00 PM to 04.00 PM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Day-3 (28/December/2016)			
7	Network Control and Management	09.00 AM to 11.00 AM	Dr. V. SANKAR PONNAPALLI Associate Professor, ECE, SIET
Tea Break			



SREYAS Institute of Engineering & Technology

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Hyderabad | PIN:500068

Department of Electronics and Communication Engineering

One-week Workshop on Wireless and Optical Communication

Date: 26-12-2016 to 31-12-2016

Schedule of One-week Workshop on Wireless and Optical Communication			
Day-1 (26/December/2016)			
Registration and Inauguration: 9.00 AM to 9.30 AM			
Sl. No.	Topics to be covered	Time	Name of the Resource Person
	Inauguration	9.30 AM to 10.00 AM	
1	Fundamentals of Wireless and Optical Communication	10.00 AM to 11.30AM	Mr. B. BHASKER RAO General Manager BEL
2	Introduction to Optical Communication Devices and Networks	11.40 AM to 01.30 PM	Mr. B. BHASKER RAO General Manager BEL
Lunch Break (01.30 PM to 02.00 PM)			
3	Free space Optical Communication	02.00 PM to 4.00 PM	Mr. B. BHASKER RAO General Manager BEL
Day-2 (27/December/2016)			
4	Wavelength-routed Optical Networks	09.00 AM to 11.00 AM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Tea Break			
5	Routing and Wavelength Assignment	11.10 AM to 01.00 PM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Lunch Break (01.00 PM to 02.00 PM)			
6	Algorithms, Optical burst Switching	02.00 PM to 04.00 PM	Dr. P. CHANDRASEKAR RAO Professor, ECE JNTUH
Day-3 (28/December/2016)			
7	Network Control and Management	09.00 AM to 11.00 AM	Dr. V. SANKAR PONNAPALLI Associate Professor, SIET
Tea Break			



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Hyderabad | PIN:500068

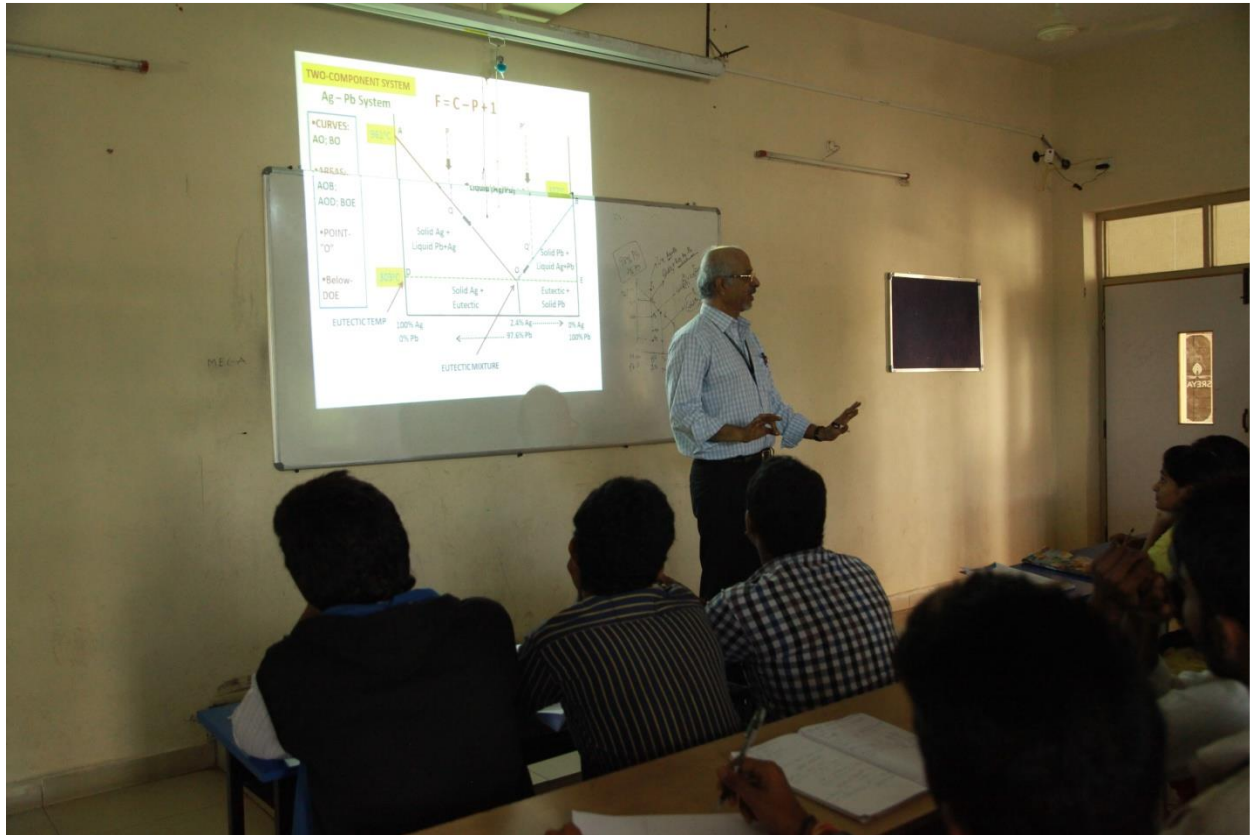
PURPOSE OF THE WORKSHOP

The primary scope of this workshop is an in-depth discussion and exchange of ideas related to the OWC research. The paper presentation is the main focus of this workshop where researchers would showcase their research work related to OWC domain. A secondary result of this workshop would be a talk given by invited keynote speakers about the state of the art to encourage young scientists and graduate students to contribute towards OWC research and development. Further, a panel discussion will provide a great platform to better understand the hot topics and identify future research problems related to OWC.



SREYAS Institute of Engineering & Technology

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Participants during the session in the One-week Workshop on Wireless and Optical Communication

Aswath
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SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.



SREYAS Institute of Engineering & Technology

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Hyderabad | PIN:500068

RESOURCE PERSON



Chandrasekhar Reddy's Email

Professor Coordination -JNTUH HYDERABAD

Location	Hyderabad, Telangana, India
Education	B.Tech; M.Tech; PhD
Skills	Research, Social Media, Change Management, Science, Management, Microsoft Office, Strategy, Higher Education, Coordination De Programmes, Coordination



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RESOURCE PERSON



Bhaskar Rao S

General Manager At Bhel Electronics Division Bangalore
Bengaluru Area, India22 Connections

Experience

General Manager Production

[Bharat Heavy Electricals Limited](#)

Sep 1983 - Present37 Years 3 Months

Bangalore

Education

Bangalore University

Master Of Business Administration (MBA)

1990 - 1992

Sgsits, Indore

Bachelor Of Engineering (BEng)Mechanical Engineering

1978 - 1983

Vikram Higher Sercondary School Piplani Bhopal

1965 - 1978



SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUH)
Thatti Annaram(v), Bandlaguda, Nagole, Hyderabad - 500068.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FIVE DAYS

**FACULTY DEVELOPMENT
PROGRAMME**

ON

**“COMPUTER VISION AND IMAGE
PROCESSING”**



17th October – 21st October, 2016
Organized by

Department of CSE

**Sreyas Institute of Engineering and
Technology**

(Thatti annaram(v), Bandlaguda, Nagole, Hyd, 500068)

Contact: csehod@sreyas.ac.in

Preamble:

Computer Vision tries to do what a human brain does with the retinal data that means understanding the scene based on image data. That mainly involves segmentation, recognition and reconstruction (3D) and these works together to give us the scene understanding. Computer Vision employs image Processing and Machine learning as well as some of the other mathematical methods to do the mentioned tasks. However, Image processing, is mainly focused on processing raw images without giving any knowledge feedback on them. For example if you want to do a semantic image segmentation (A computer vision task) you might apply some filtering on the image during the process (an image processing task) or try to recognize the objects in the scene (a machine learning task).

This FDP aims at providing strong theoretical background along with practical experience in the field of CV&IP and how the visualization and analysis of the images could be efficiently done with the help of image processing tools. In the growing and emerging era of “Digital India” initiative, the use of digital image processing becomes pertinent in the Image Processing area since several applications of the images determine and contribute towards socio-economic status of the regions and the country as whole. The image processing tools would be delivered by eminent resource persons of image processing experts.

Major Course Contents:

- Fundamental of IP (in spatial and Frequency domain), Object Tracking.
- PSO assisted Kalman Filtering for object Tracking.
- Image Processing in Big Data.
- Digital Image Filtering
- Segmentation and Object Localization.
- Classical to soft computing Approaches.
- Detection of temporal discontinuities in video sequences.
- Deep Neural Networks for detection of temporal discontinuities
- Hardware Design accepts for machine learning algorithms.
- Hardware implementation of face recognition system
- Installation of Hadoop, SPARK clusters and integrating them with MATLAB for text and Image Processing Hands-on Experiences

Eligibility:

The programme is open to the teachers of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh. Industry personnel working in the concerned /allied discipline can also attend

How to apply:


A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail vignesh.j@sreyas.ac.in and selection will be intimated only through mail.

About Sreyas :

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society .The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH

Department of CSE

The Department of Computer Science and Engineering Established in the year 2011. The major objective of Department is to impart high quality Education and research. The department of CSE is an intellectually challenging discipline . Our Students undergo entrepreneurship and inventiveness workshops and coding sessions. which strive to be the most innovative in the world. The infrastructure is absolutely world-class with opportunities to build practical skills in state-of-the-art laboratories and workshops


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9-39, Sy.No: 107, Tattianaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.

RESOURCE PERSON:

Eminent faculty from academia and industry/ organizations will be handling the sessions.

- Dr.Ch. Samun
Professor, Department of CSE
MVSR Engineering College.
- Dr.MA.Azeem
Professor, Department of CSE
MVSR Engineering College.

WHO CAN ATTEND:

The programme is open to the teachers of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh. Industry personnel working in the concerned /allied discipline can also attend

REGISTRATION:

Interested candidates can visit the following link:

<https://www.sreyas.ac.in>

REGISTRATION FEE:

Faculty : Rs 700
Research Scholar & Industry Persons : Rs 1000

IMPORTANT DATES:

Last date of Registration : 12.10.16
Notification of acceptance : 14.10.16

ORGANIZING COMMITTEE:

Chief Patrons:

Mr.CH,Ravindranath yadav
Secretary

Mr.Ananthula Vinaykumar Reddy
Chairman

Patron:

Dr. Suresh Akella
Principal

Convener:

Mrs JOSHI PADMA

HOD/CSE

Co-ordinator(s):

Dr. J VIGNESH
Professor Cse
Dr R RAMESHKUMAR
Associate Professor Cse

For further information, please contact:

Dr. J VIGNESH Dr R RAMESHKUMAR
Assoc Professor CSE Assoc Professor CSE
Ph: 8106193443 Ph: 9110500550

REGISTRATION FORM

Name :
(in Capital letters)

Institution /
Organization Name :

Designation :

Department :

Address
for Communication :

Email id :


Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the Five Day FDP on "Computer Vision and Image Processing".


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SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

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Hyderabad | PIN: 500068

RESOURCE PERSON PROFILE

Dr. CH SAMSON

Designation: Professor

Academic Qualifications: Ph.D

Email: samson_cse@mvsrec.edu.in

Area of interest: Image Processing, Cryptography and Network Security.

Subjects taught at U.G Level: Computer Networks, Digital Image Processing Mobile Computing, Data Communication, Operating Systems, Network Protocols, Wireless Networks, Information Security, Advanced Computer Architecture Computer Organization, Wireless Communications, E-commerce, C Programming, Computer Graphics, Unix Shell Programming , Network Programming, Object oriented Analysis and Design.

Subjects taught at P.G Level: Data Structures and Algorithms, Advanced Computer Networks, Wireless Networks and Mobile Computing, Image Processing, Information Security

Number of Research Papers/Journals/Books published: 25

Number of Workshops/Conference/FDP/Seminar conducted& Attended: 24

Awards: Received National Merit Scholarship and Telugu Vignana Parithoshikam in SSC.

Received Best Teacher award for the years 2006, 2007, 2008, 2011 and 2012 at Sreenidhi Institute of Science & Technology, Hyderabad



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Hyderabad | PIN: 500068

Dr. MA Azeem CSE, MVSR

Mohammed Abdul Azeem is working as Associate Professor in CSED of Maturi Venkata Subba Rao Engineering College since 1999. He is a Research Scholar in CSE Department at JNTU, Hyderabad. He did his B.E and M.Tech in Computer Science & Engineering from Osmania University and pursuing his Ph.D in Wireless Sensor Networks from JNTU Hyderabad. His area of specialization includes Mobile Ad hoc Networks, Sensor Networks, Network Security, Data Structures & Algorithms and Information Security. He has published 8 papers in international journals and 2 papers presented in national conferences and 2 papers presented in international conferences. He is a life member of CSI and IET.

Area of interest: Wireless networks, WSN, IS Algorithms

Subjects taught at U.G Level: Computer Networks, Mobile Computing, Computer Programming & Problem Solving Techniques, Computer Architecture, Principles of Programming Languages, Data Structures, and Design & Analysis of Algorithm, Information Security, Operating System, OOSD, Distributed System, and Computer Organization

Subjects taught at P.G Level: Advanced Algorithms, Network Security, Distributed Computing

Number of Research Papers/Journals/Books published: 6

Workshops/Conference/FDP/Seminar conducted& attended: 18

Awards: Best male teacher 2005-06.

ABOUT SIET

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society .The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH .

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ABOUT CSE DEPARTMENT

The Department of Computer Science and Engineering is one of the pioneer departments of SIET with an intake of 240 in UG and 24 in PG. The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced faculty to offer

IMPORTANT DATES

Last Date of submission : 17/11/2016
Information of acceptance : 19/11/2016

ALL CORRESPONDENCE TO

The HOD, CSE Dept., SIET,
Bandlaguda, Hyderabad-500068.
E-mail: purushotham.m@sreyas.ac.in

ORGANIZING COMMITTEE

CHIEF PATRONS

Sri. A. VinayKumar Reddy, Chairman, SIET.

PATRONS

Sri. Ch.RavindranathYadav, Seceratry, SIET

CHAIRMAN

Dr.SureshAkella, Principal, SIET.

CONVENOR

Mrs. Padmajoshi,
Asso. Prof & Head, Dept. of CSE, SIET.

COORDINATOR

Dr.M.Purushotham
Professor, CSE.
Ph:9398785865

CO-COORDINATORS

Mr.G.Sravankumar.
Asso. Prof., CSE
Ph:9441926953
Mr. K.Rohit
Asst. Prof., CSE
Ph:8885524460

MEMBERS

All faculty of CSE

RESOURCE PERSONS

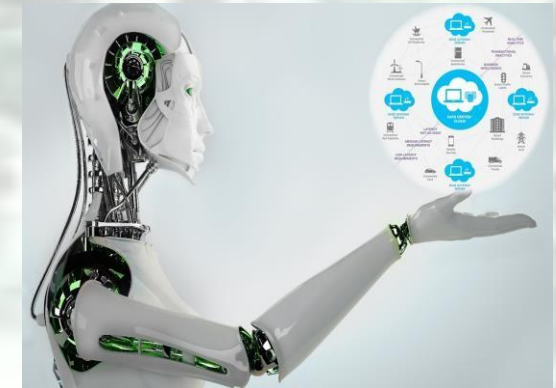
Dr.A.Rama Murthy
Professor.
Dr.Padmaja
Professor.

Workshop

on

Artificial Intelligence

21st– 23rd November, 2016



Organized by
Department of CSE



Sreyas Institute of Engineering & Technology

G.S.I Bandlaguda, Hyderabad –
500068, Telangana State, India.
Phone: +91-(0)-40- 65814415
Website:

Suresh
PRINCIPAL
SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
CSI, Bandlaguda, Nagole, Hyd-68.

ABOUT THE WORKSHOP

Edge computing is a distributed computing concept that integrates intelligence to edge devices, also called edge nodes, allowing data to be processed and analyzed in real time near the data collection source and need not to be uploaded directly to the cloud or to a centralized data processing system. Here, data is processed close to the data collection source, so there is no longer the need to transfer data to the cloud or to an on-premises data center for processing and analysis which will lessen the load on both network and servers. In addition to accelerating digital transformation for industrial and manufacturing enterprises, edge computing technology allows for more innovations including artificial intelligence and machine learning applications that are thriving with the breakthroughs in deep learning and the upgrade of hardware architectures. Billions of bytes of data, generated at the network edge, put great demands on data processing and structural optimization. Therefore, there exists a strong demand to integrate Edge Computing and AI, which gives birth to Edge Intelligence.

COURSE CONTENTS

- ❖ Introduction to AI, Edge computing and Nvidia Jetson Nano, Neural Networks and Keras framework.
- ❖ Building ANN Using Keras (Tensorflow backend) using sampled dataset.
- ❖ Evaluating, Improving and Tuning the ANN.
- ❖ Introduction to Arduino Nano 33 BLE Sense, tflite models and deploying tflite models in Arduino Nano 33 BLE Sense.
- ❖ Introduction to Convolutional Neural Networks and building Image Recognition model using CNN.
- ❖ Evaluating, Improving and Tuning the CNN.
- ❖ Case study and Application development in interested research area.

ELIGIBILITY

Faculty and PG students from various Engineering and MCA colleges can attend the programme. Industry persons working in the concerned discipline can also attend.

DEPARTMENT VISION

To provide engineering education in the field of Computer Science with evolving technologies and to produce self-motivated, employable individuals to society.

DEPARTMENT MISSION

1. To pioneer education in Computer Science and Engineering, Mathematics and Sciences, to mould the overall personality of students.
2. To nurture the students to be dynamic, industry ready and to have multidisciplinary skills and leadership qualities.
3. To inculcate work ethics and commitment in students for their future endeavors to serve the society.

REGISTRATION FEE

- Faculty & PG students registering for the workshop are required to pay Rs.400/- by DD in favor of the **Principal, SIET**, payable at Hyderabad.
- The registration fee includes workshop material, lunch, snacks, etc.

APPLICATION FORM

- Registration form can be downloaded from the website www.sreyas.ac.in
- Limited hostel accommodation is available for outstation lady faculty only.
- You may confirm your participation by mailing the scanned copy of registration form and DD to the following mail id.

Email:

purshotham.m@sreyas.ac.in WEBSITE:

www.sreyas.ac.in

Workshop

on

Artificial Intelligence

21st– 23rd November, 2016

Application Form

1. Name:.....

2. Designation:.....

3. Institution:.....

4. E-mail:.....

5. Contact No.....

6. D.D No: Bank: Date:.....

7. Address for Correspondence:.....
.....
.....
.....

8. Educational Qualifications with specialization:
.....
.....

Signature of the Applicant

Place:

Ashresh
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9-39, Sy.No: 107, Tattianaram (V),
GSI, Bandiaguda, Nagole, Hyd-68.



SREYAS Institute of Engineering & Technology

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Hyderabad | PIN: 500068

PURPOSE OF WORKSHOP

Edge computing is a distributed computing concept that integrates intelligence to edge devices, also called edge nodes, allowing data to be processed and analyzed in real time near the data collection source and need not to be uploaded directly to the cloud or to a centralized data processing system.

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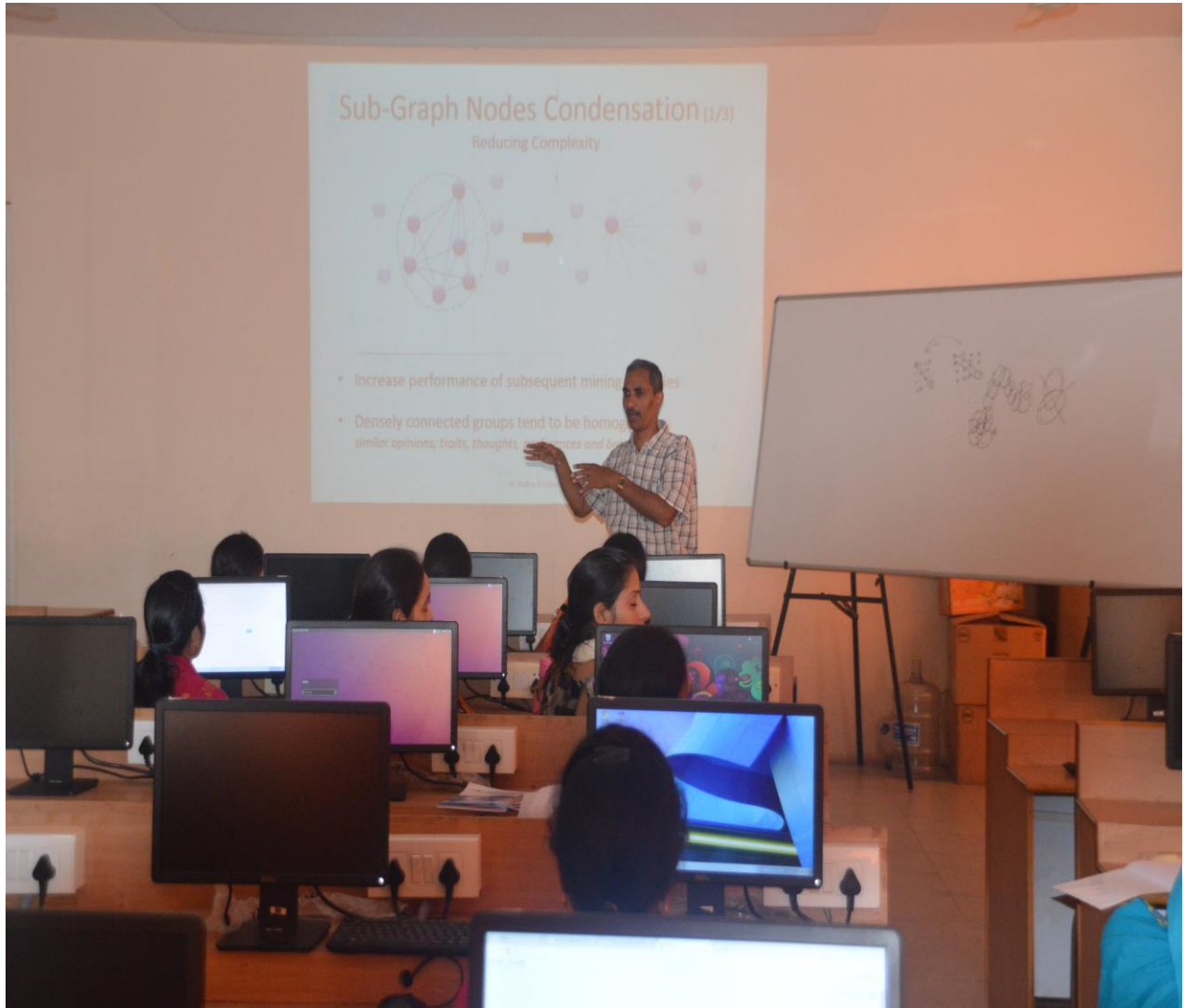
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Hyderabad | PIN: 500068

RESOURCE PERSONS PROFILE

Dr.A.Rama Murthy,
Professor.

Name & Address	Email id & Contact no
Dr. A. Rama Murthy	ram111_sai@yahoo.com +91-9848380889

Qualification: M.Tech, Ph.D.

Degree	Discipline	Institute/University	Percentage	Year
Ph.D	Computer Science and Systems Engineering	Andhra university, Waltair.	Completed	Jan 2012

Technical SkillSet

Programming Languages	Java, Cpp, C, HTML, XML, Pl/Sql , 8085, 8051 Assembly Language
Operating Systems	Windows 98/NT/2000/Vista, Unix/Linux, MS-DOS.
Database Technologies	Oracle, MS-Access.
J2EE Technologies	Servlets, JSP, EJB, JDBC

Research On...

Domain Area	Specialization
Bio-Informatics	Diabetic Cardiomyopathy

Ashwath
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GSI, Bandlaguda, Nagole, Hyd-68.



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Hyderabad | PIN: 500068

Research Work & Publications

S.No	Title of the Paper	Published in Journals
1	Protemic Analysis in Diabetic Cardiomyopathy	Bio informatic & Biological Insight 2008; 2:1-4 Publication online 2008 Jan 21
2	Optimize Pattren Discovery for Mining Text	International Journal on Computer Science & Technology June 2013
3	Recovering of Confidential policy administration Online Social Networks	International Journal of Reviews on Recent Electronics & Computer Science Nov 2013
4	Depletion Attacks: Automated Identification and Calculation in Wireless Sensor Networks	International Journal & Scientific Engineering and Research March 2014
5	An Algorithm of Anonymous Id Assignment for Secure Data storing on a Network	International Journal of Science Engineering and Advanced Technology Dec 2014
6	A Routing Algorithm to reduce the Queuing complexity in Communication Networks	International Journal of Science Engineering and Advanced Technology Dec 2014
7	An Efficient Intrusion and Detection Mechanism to protect Manet from Attacks	International Journal of Science Engineering and Advanced Technology Dec 2014
8	Transmission Mechanism to Effectively increse the social TV Viewing experiance by Cloud	International Journal of Science Engineering and Advanced Technology Dec 2014
9	Privacy perceptive tag in social Network data anonymization	International Journal and magazines
S.No	Title of the Paper	Published in Conferences
1	Improving Performance and Privacy in Location based service Application using GPS	ICETEN 16, Sri Narayana Gurukulam College of Engineering, Kollenchery, Ernakulan District, Kerala.



SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

Dr. PADMAJA.PULICHERLA

E-mail: [padmaja.j2ee@gmail.com.](mailto:padmaja.j2ee@gmail.com),

Mobile : 91- 9010570176

Experience Summary:

3 years of experience in Software Industry and **9 years** of experience in Teaching Field.

Academic Profile :

- ❖ **Awarded Ph.D in the Department of Computer Science and Engineering, A.N.U., A.P (India).**
- ❖ Ractified in August 2007 at Bapatla Engineering College.
- ❖ Participated in **NACC** work in November 2008, when working in M.L.E.C.

Technical Skills :

- Programming languages : C, C++, JAVA,IOT
- Backend: ORACLE 9i
- Operating System: Windows

Field of interest:

Object Oriented Technology, Software Engineering, Operating Systems, Algorithms, Data Structures, Artificial Intelligence and Mathematics.

Subject Taught:

Object Oriented Programming using Java, Operating Systems, Software Engineering, Artificial Intelligence.



FACULTY DEVELOPMENT PROGRAMME(FDP)

ON

Cyber Security

(13/03/17 to 17/03/17)

Organized by

Department of Computer Science and Engineering

Sreyas Institute Of Engineering & Technology,Hyderabad.

Preamble:

The aim of this program is to promote research aspects in internet security, familiarize with tools available for network scanning (anti-virus, anti-spam and anti-spyware scans), identify and synthesize needs for internet security techniques (firewall, honeypots etc.), share information and practical awareness for data and system protection from cyber-attacks (prevent, detect and respond) etc. The FDP will start with an overview of cybersecurity, information security and cryptography aspects to help the audience understand importance of these aspects in real life scenarios. This FDP is planned into two parts: technical session and hands-on session. The technical session part of the FDP will focus on the most challenging contemporary issues in cybersecurity (cyber threat, cyber incidents, cyber threat sharing, cyber technology evolution etc.)

Major Course Contents

- Vulnerabilities in wired, wireless and adhoc networks
- Network Security Measures-like firewalls Etc
- Vulnerability Assessment and Penetration Testing
- Network Security Management
- Risk Analysis and Threat Modeling
- Cloud Security Engineering
- Financial Cryptography
- Wireless Network Security- implementation aspects
- Web Application Security
- Sensors To Cloud: Safe Journey of Data, The Present need for Emerging IoT
- Multiserver Authentication: A Real Necessity for Remote Access
- IoT & Cloud Integration
- Security Audit: Risk evaluation and security certification
- Design cluster IoT System using MQTT Protocol : A Practical Approach
- Defence in depth - a practical approach for Data center Security
- AI & IoT System Design towards Automation
- Advanced crypto-systems for enforcing data security in cloud

Eligibility:

The programme is open to the faculty of Engineering Colleges, MCA Colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, Andaman and Nicobar Islands. Research Scholars and Industry working professionals in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty members / Research Scholars form the mentioned states : Rs. 700/- Only

Resource Persons:

**S.Vineela Varun,TCS
Assoc.Consultant.
Anjali Ajmeera,Ask IT**

Accommodation:

All the selected participants will be provided FREE boarding & lodging in the institute. No TA will be paid for the participants.

How to apply:

A filled-in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the host institute coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through email sravankumar.g@sreyas.ac.in as selection will be intimated only through mail. Programme duration is 6 (six) days.

Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 50 (fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued certificates on successful completion of the course. Reservations will be followed for selecting candidates as per GOI norms.

Important dates:

Lastdate (Application &DD)	13th Mar2017
Selection List by E- mail	17th Mar 2017
Duration	5 days

About Sreyas:

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APPLICATION FORM
FACULTY DEVELOPMENT PROGRAMME(FDP)
ON
CYBER SECURITY
(13/03/17 to 17/03/17)
Organized by
Department of Computer Science and Engineering
Sreyas Institute Of Engineering & Technology,Hyderabad.

1. Name :

2. Designation :

3. Institution :

4. Email :

5. DD No: Bank: Date:

Amount:

6. Address for Correspondence:

7. Educational Qualification:

8. Subjects taught sofar:

9. No. of refresher courses/workshops attended:

10. Experience (in years):

Teaching: Research: Industry:

11. Accommodation required: YES /NO

12. Do you belong to SC/ST : YES /NO

(If Yes, please specify and attach a copy of caste certificate to claim the concession)

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

Coordinator

G.SravanKumar,

Asso. Prof, Dept of CSE,Sreyas Institue of Engineering&Technology,Hyderabad-500068

Address for correspondence

Post your application form with DD to
G.Sravan Kumar Associate Professor SIET,
Hyderabad.-500068, Telangana State, India

E-mail the scanned copies of filled-in and duly signed application form along with DD to sravankumar.g@sreyas.ac.in On or before 10thMarch 2017

For more details

please visit: <https://sreyas.ac.in/>

For more enquiries please Contact: Mobile:
9441926953,924632444



SREYAS Institute of Engineering & Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN: 500068

PURPOSE OF FDP

The aim of this program is to promote research aspects in internet security, familiarize with tools available for network scanning (anti-virus, anti-spam and anti-spyware scans), identify and synthesize needs for internet security techniques (firewall, honey pots etc.), share information and practical awareness for data and system protection from cyber-attacks (prevent, detect and respond) etc.

The FDP will start with an overview of cyber security, information security and cryptography aspects to help the audience understand importance of these aspects in real life scenarios. This FDP is planned into two parts: technical session and hands-on session. The technical session part of the FDP will focus on the most challenging contemporary issues in cyber security (cyber threat, cyber incidents, cyber threat sharing, cyber technology evolution etc.)



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SREYAS INSTITUTE OF ENGG.&TECH.
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GSI, Bandlaguda, Nagole, Hyd-68.



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Dr. A. JAGAN
PROFESSOR (BVRIT)

Ph. D.: Jawaharlal Nehru Technological University Hyderabad (JNTUH), 2011.
M. Tech.: Jawaharlal Nehru Technological University Hyderabad (JNTUH), 1999.
B. E.: Chaitanya Bharathi Institute of Technology (CBIT), Osmania University, 1995.
Teaching Experience: 20 Years (including R&D experience)
R&D Experience: 3 Years
Industrial Experience: 2 Years

Contact Number: +91
BVRITN Employee ID: Emp ID -
JNTUH Registration ID:
AICTE Registration ID: 1-508861685

Professional Affiliations: CSI, LMISTE.

Awards and Recognitions: Received the best paper awards in International and National Conferences.

Fields of Specialization: Image Processing, Mobile Communication, Information Security and Computer Networks.

Journal Papers

1. A.Jagna, "An Efficient Image Independent Thinning Algorithm", IJARCCCE, ISSN No: 2319-5940, ISSN No: 2319-5940, Vol 3, Issue 10, October 2014
2. L.Pallavi, V.Pradeep Kumar and A.Jagan, "Mobile Cloud Computing: The Emerging Computing Paradigm for the 21st Century", International Journal of Advanced Research in Computer Science(IJARCS),Vol 5, No. 2. March 2014, PP. No. 45-52
3. Kalaimagal Sivamuni, Jagan Amgoth, "Six Sigma in Software Engineering: Turning a Dream into Reality", UACEE International Journal of Computer Science and its Applications-Volume 3, Issue 1, pp.no. 38-42, ISSN 2250-3765.
4. Dilip Koganti, K.Bhima, A.Jagan, "An Authentication Code Against Pollution Attacks in network Coding", International Journal of Advances in soft computing technology, Vol.3, issue 1 , January-June 2013 @ ISSN:2229-3515,pp.no. 43-49.
5. A.Jagna, K.Bhima, "An Improved Order-Independent Parallel Thinning Algorithm for Image Thinning", International Journal of Computer Applications(IJCA-0975-8887)", Vol.46,number 3, may 2012.
6. A.Jagna, " An Order-Independent two-pass Parallel Algorithm for Binary Image Thinning", International Journal of Applied Information System(IJAIS), Foundation of Computer Science FCS, New York USA, ISSN: 2249-0868,Vol 2,number 3,may 2012,pp.22-26.
7. A.Jagna, K.Ananda Kumar and V.Kamashi Prasad, "Rule-based Order-Independent Parallel Algorithm for Binary Image Thinning", International Journal of Applied



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Engineering Research, ISSN 0973-4562, Vol 6, number 3, march 2011, pp.315-329.

8. A.Jagna and V.Kamashi Prasad, "An efficient Parallel Binary Image Thinning Algorithm and its Performance Evaluation", Technology Spectrum JNTU, ISSN: 0974-6854, Vol.4 No.2, pp. no. 27-30. July 2010.
9. A.Jagna and V.Kamashi Prasad, "New Parallel Binary Image Thinning Algorithm", ARPN Journal of Engineering and Applied Sciences ISSN: 1819-6608, Vol.5.No.4, pp.no.64-67. April 2010.
10. A.Jagna and V.Kamashi Prasad, "An efficient Two-pass Parallel Binary Image Thinning Algorithm", IUP Journal of Computer Science, ISSN: 0973-9904, Vol. IV, No.2, pp.no.40-48. April 2010.

Conference Papers

1. Kalaimagal Sivamuni, Jagan Amgoth, "Six Sigma in Software Engineering: Turning a Dream into Reality" Proc. Of the Intl.Conf. On Advances in Computer Science and Electronic Engineering- CSEE 2013. ISBN: 978-981-07-5461-7 doi: 10.3850/978-981-07-5461-7_16. Pp.no.76-80.
2. K.Bhima, T.Aruna Sri, K.Dasaradha Ramaiah and A.Jagan, "Exerting Spatial Join and KNN Queries on Spatial database" International Conference on Recent Advances in Computing and Software systems, 978-1-4673-0255-5/12@2012 IEEE.
3. Rajender Dharavath, K. Bhima, K. Sri Vidya Shankari, A.Jagan, "Binary Tree Cluster Key Management Scheme for Heterogeneous Sensor Network", D.C. Wyld et. al. (Eds): NeCoM/WeST/WiMoN 2011, July, CCIS 197, pp 64-77, DOI: 10.1007/978-3-642-22543-7_7 © Springer Verlag Berlin Heidelberg 2011.
4. A.Jagan, K.Ananda Kumar and V.Kamashi Prasad, "Rule-based Parallel Thinning Algorithm and its performance Evaluation" International conference on Digital Convergence ICDC 2011, Hyderabad, 978-1-4244-9325-8, Feb 19-20, @IEEE 2011.
5. A.Jagna, K.Ananda Kumar and V.Kamashi Prasad, "An Order-Independent two-pass Parallel Algorithm for Image Thinning", Internal conference systemic Cybernetics and Informatics, ICSCI ,Hyderabad, Jan 5-8, 2011.
6. A.Jagan, "Image Thinning Methodologies", International conference systemic Cybernetics and Informatics, ICSCI 2009, Hyderabad, Jan 7-10, 2009.
7. A.Jagan, "Image processing using Singular value Decomposition "in National Conference on Communication computing on Nov 28th – 29th, 2008. at G.Narayannamma Institute of Technology, Hyderabad.



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CH. SRINIVASA RAO
PROFESSOR (BVRIT)

Ph.D.: CSE, Acharya Nagarjuna University, Guntur, 2015.

M.Tech.: SE, Jawaharlal Nehru Technological University, Ananatapur, 2004.

B.Tech.: CSE, Bapatla Engineering College, Acharya Nagarjuna University, 1999.

Teaching Experience: 19 Years

Research Experience: 11 years 10 months

Professional Affiliations

ACM

IEEE

Life Membership for CSI

Life Membership for ISTE

Awards and Recognitions

Achievements: 14

1. Ratified as Asst.Professor in the M.Tech (SE), BVRIT, Narsapur at JNTU Hyderabad, 21st Febraury 2017.
2. Ratified as Asst.Professor in the B.Tech (CSE), BVRIT, Narsapur at JNTU Hyderabad, 3rd Febraury 2017.
3. Achieved a Certificate of Appreciation for Valuable Contribution in Organizing Two Day National Work Shop on " MODEL-DRIVEN ENGINEERING &SOFTWARE DEVELOPMENT " Sponsored by SERB,Department of Science and Technology,Goverment of India & Organized by Software Engineering Research Group, Conducted by Department of Computer Science and Engineering, KL University, Guntur from 16th to 17th September,2016
4. Guiding as Super Visor for Ph.D(CSE) Students in K L University
5. Achieved a "Best Teacher" Award by the students in the It Department for the Academic Year 2014-2015 at LBRCE, Mylavaram
6. Ratified as Asst.Professor in the LBRCE at JNTU Kakinada, Jan 2013.
7. Selected as a "Lecturer" in Debre Berhan University ,Addis Ababa, Ethiopia, South Africa,September 2011.
8. Ratified as Assoc.Professor in the KLCE on the order of ANU Experts, Guntur, Aug 2007.
9. Visiting Faculty Member of A.N.U for M.Tech(CSE) Students during the 2006-2008.
10. Got Winners in the Cricket Match in the College day Celebrations at KLCE ,2003-2004.
11. Ratified as Lecturer in the KLCE on the order of ANU Experts, Guntur, May 2003.
12. Got 41 Rank in PG CET-M.Tech(SE) in 2001-2002,AP.
13. HOD-CSE , in DR SGIET(Samuel George Institute of Engineering &Technology) at Markapur,Prakasam(Dt) in 1999 Sept to Feb 2002



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14. Veligandla Mondal First in 7th class, Kanigiri,Prakasam(Dt) in 1989.

Fields of Specialization & Research Areas

1. Software Engineering
2. Cloud Computing
3. Network Security
4. Image Processing

Research Papers

International/National Journals: 20



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

ON

“Natural Language Processing & its Applications”



22/05/2017 to 26/05/2017

Organized by

Department of CSE

**Sreyas Institute of Engineering and
Technology**

(Thatti annaram(v), Bandlaguda, Nagole, Hyd, 500068)

ABOUT THE COLLEGE:

Sreyas Institute of Engineering & Technology was established in the year 2011 under the agencies of Sreyas Educational society. The Institute endeavors to impart high quality , competency based technical education in Engineering and technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by All Indian Council for Technical Education (AICTE), New Delhi and affiliated to JNTUH.

VISION:

To be a centre of excellence in empowering the young talent through quality education and innovative engineering for the well being of society

MISSION:

1. Provide quality education with creative methodology and intellectual human capital.
2. Provide conducive environment for research and developmental activities.
3. Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

ABOUT THE DEPARTMENT:

The Department of Computer Science and Engineering since its inception in the year 2011 offers programme keeping in pace in technological advancements. Department offers Post Graduate course M.TECH – CSE . Importance to practical training which lay great stress on "hands on" experience besides a sound theoretical background is practiced. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The state-of-the-art computer centre has over 700 computers with 100 Mbps internet connectivity. The department has highly qualified and experienced

SCOPE:

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention. This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP. The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective

COURSE CONTENT:

Introduction & text classification Language modeling and sequence tagging

- Vector Space Models of Semantics
- Syntactic Processing
- Sequence to sequence tasks
- Dialog Systems
- Unification -based NLP and Semantics•

COURSE OUTCOMES:

The course will provide a forum for faculty members to get exposed to the state of the art of research and development in the field of Natural Language Processing & its Applications. The course will also help to identify future research needs in the interdisciplinary emerging field.

Aswath
PRINCIPAL

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9-39, Sy.No: 107, Tattianaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.

RESOURCE PERSON:

Eminent faculty from academia and industry/ organizations will be handling the sessions.

Dr. A. Prashanth

Professor
Anurag Group of institutions

P. L. J. Padmaja

Associate Professor
Anurag Group of Institutions.

WHO CAN ATTEND:

Programme is open to Faculty Members from Engineering Colleges/ Arts & Science Colleges/ Polytechnic Colleges of any domain and Professionals from industries

REGISTRATION:

Interested candidates can visit the following link:

REGISTRATION FEE:

Faculty : Rs 500
Research Scholar & Industry Persons : Rs 1000

IMPORTANT DATES:

Last date of Registration : 20.05.17
Notification of acceptance : 21.05.17

ORGANIZING COMMITTEE:

Chief Patrons:

Mr.Ananthula Vinaykumar Reddy

Chairman

Mr.CH,Ravindranath yadav

Secretary

Patron:

Dr. Suresh Akella

Principal

Convener:

Dr.D.V.S.S Subramanyam

HOD/CSE

Co-ordinator(s):

Dr. M V Brahma nanda Reddy

Associate Professor, Cse

Dr. Rohit Raja

Associate Professor, Cse

For further information, please contact:

Dr. M V BRAHMANANDA REDDY

9246323444

Dr. Rohit Raja

9700224460

REGISTRATION FORM

Name :
(in Capital letters)

Institution / Organization Name :

Designation :

Department :

Address for Communication :

Email id :

Mobile No :

Date :

Signature of the candidate

CERTIFICATE

This is to certify that is a faculty of our institute and is permitted to attend the FDP on “Natural Language Processing & its Applications”.

Suresh
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PURPOSE OF WORKSHOP

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention.

This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP.

The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective



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RESOURCE PERSONS PROFILE

Dr. A. Prashanth,

Professor, Anurag Group of institutions

Dr A. Prasantha Rao has graduated from Osmania University and obtained PG and Doctorate degree in computer science and engineering from JNTU, Hyderabad. He has 9 years of experience in industry and 16 years' experience in teaching.

His specialization is in Real Time systems, Distributed systems. He gave invited lectures both in industry and Academics. He is member of IEEE and executed more than 15 industry oriented projects.

Education:

M.Tech(CSE),PhD

Research Interests

Real Operating System,Internet of Things,Distributed System

Teaching Interests

Real time operating systems,Embedded systems,distributed systems,IOT,Computer networks, OOAD,Cloud computing,Computer organization, DLD.



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D. L. J. Padmaja,

Associate Professor, Anurag Group of Institutions

Dr.D. Lakshmi Padmaja has 19 years of experience in teaching. She taught many subjects for undergraduate and postgraduate students. Lakshmi Padmaja completed her Doctorate in CSE from JNTU Hyderabad and M.Tech(Comp. Science.) from JNTU Hyderabad.

Her research interests are Machine Learning, Data Mining, Algorithms, and Software Engineering. Padmaja published 12 papers in Journals and 2 papers in Conferences. Out of 14, two are published from SCI and Web of Sciece (Elsevier publications).

She achieved NPTEL STAR appreciation award from IIT, Madras for completion of many courses through ONLINE NPTEL Certifications with ELITE grade and FDP's under her discipline. She is Life member in ISTE. Currently she is working as an Associate Professor in the Department of Information Technology, Anurag Group of Institutions.



The workshop is mainly organized for faculty members & students from academics & industry in field of Civil Engineering.

Registration fee:
Rs. 500/- Per Student

Organising committee:

- > T. Divya Sree
- > Y. Sudha Maduri
- > B. Siddartha
- > C.S. Groeshma
- > B.C. Naveen
- > Md. Yasar Shareef
- > M. Priyavada
- > L. Anusha
- > G. Ramya
- > M. Yashaswi

Conveners:

Mr. T. Ranjith,
Mr. D. Paramesh
Faculty of Civil Engineering
Cell: 8639720341, 8121012245

Registration Form

Name of the Applicant: (Block Letters)

Roll Number: _____

Gender (M/F): _____

Educational Qualifications: _____

Address for Correspondence: _____

Email: _____

Contact Number: _____

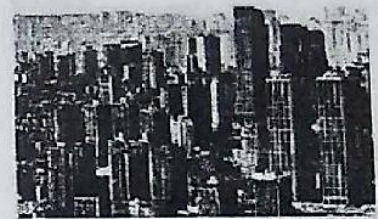
Date: _____

Signature _____



A Four Day Workshop
on
**DIGITAL SURVEY TECHNIQUES AND
TOTAL STATION TRAINING**
(08th to 11th March, 2017)

Organised by:
Department of Civil Engineering



Scanned with
CamScanner

Venue:

Sreyas Auditorium

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Asuresh

PRINCIPAL

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GSI, Bandlaguda, Nagole, Hyd-68

[Signature]
HONORARY
DEPARTMENT OF CIVIL ENGG.
SREYAS INSTITUTE OF ENGG. & TECH.
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Bandlaguda, Tattianaram, Hyderabad-68.



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ORGANIZED WORKSHOP ON DIGITAL SURVEY TECHNIQUES AND TOTAL STATION TRAINING:

Surveying or land surveying is the technique, profession, and science of determining the terrestrial or three-dimensional position of points and the distances and angles between them. A surveying professional is called a surveyor. These points are usually on the surface of the Earth, and they are often used to establish land maps and boundaries for ownership, locations like building corners or the surface location of subsurface features, or other purposes required by government or civil law, such as property sales. Surveyors work with elements of mathematics (geometry and trigonometry), physics, engineering and the law. They use equipment like total stations, robotic total stations, GPS receivers, prisms, 3D scanners, radios, handheld tablets, digital levels, and surveying software. Surveying has been an element in the development of the human environment since the beginning of recorded history. The planning and execution of most forms of construction require it. It is also used in transport, communications, mapping, and the definition of legal boundaries for land ownership.

Workshop Highlights:

- Save time and money and reduce errors with the dynamic engineering model.
- Reduce purchase, deployment, and support costs with one complete solution.
- Increase value to client by delivering more design alternatives in less time.
- Take full advantage of existing LAND SURVEY skills to get up to speed quickly.
- Create production sheets faster.
- Be sure that production drafting is always in sync with your design.

Ashish
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Complete projects faster and reduce the chance of coordination errors using the
Land Survey
Exploit data compatibility.
Build a foundation for your custom solution.
Clearly communicate design intent and complete final proposals with realistic 3D
rendering.

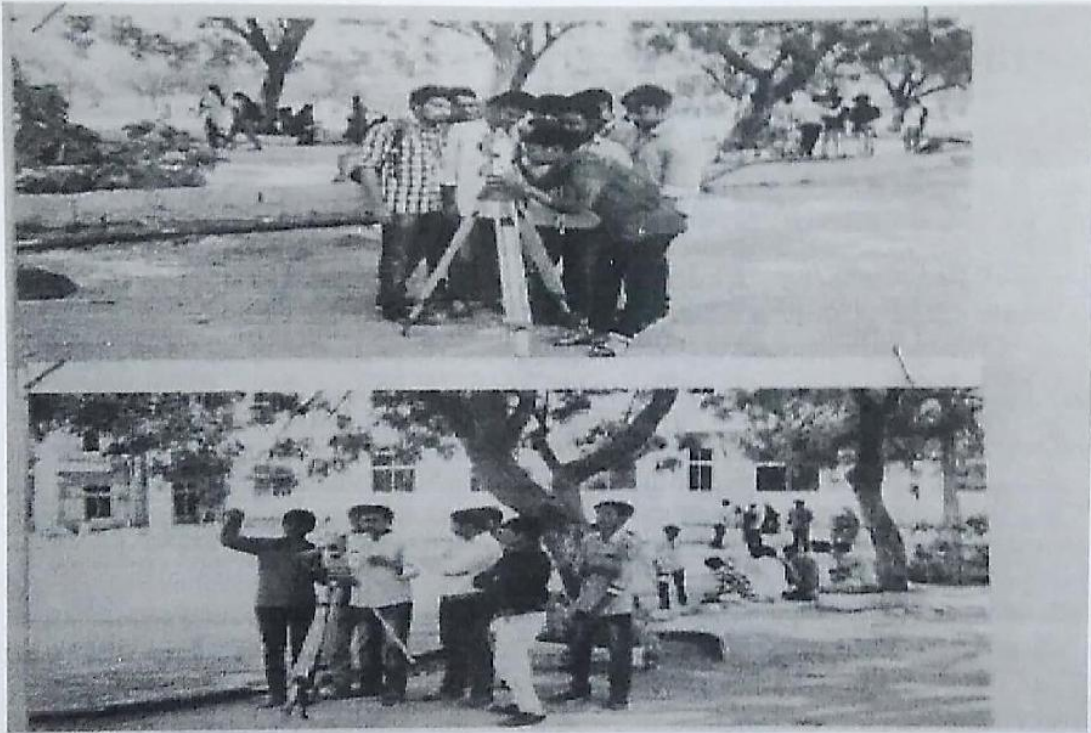
Asuresh
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NON DESTRUCTIVE TESTING MACHINE

This guest lecture was conducted on non destructive testing machine by Dr.V.Bhikshma Professor & Head Department of Civil Engineering Teaching and Research Experience 21 years Teaching (15 Years Research Experience) Department of Civil Engineering, University College of Engineering, Osmania University Hyderabad on 31-12-2016s

Structural Analysis and Design, Concrete Technology, RCC, Recycled Aggregate Concrete, Concrete Composites, Geo-Polymer Concrete, Rehabilitation and Retrofitting of Structures, NDT Test Evaluations, Structural Optimization, Bridge Engineering and Earthquake Engineering. Publications: International and National Journal- 13, Conferences and Seminars- 41 Editor of Proceedings- 2

Non-destructive tests are performed in a manner that does not affect the future usefulness of the object or material being tested – hence, the name “nondestructive.” NDT allows for careful and thorough materials evaluation without the need for deconstruction or damage.

NDT can be used after a part or material is made for quality control purposes and it is often used at various points in a part's or material's life cycle. NDT performed while components or materials are in use can detect service-related conditions caused by wear, fatigue, corrosion, stress, or other factors.

Aswathi

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“NON-DESTRUCTIVE TESTING MACHINE”:

“Non Destructive Testing Machine” the name itself describes its use. The Non Destructive Testing Machines are used to check the flaws in heavy objects without destroying the object. EECI offers NDT Testing Machines i.e. Non Destructive Testing Machines, using following technology:

- Ultrasonic
- Magnetic Particle Inspection
- Radiography
- Eddy Current
- Phased Array

These Non Destructive Testing Machines are useful to different industries like Steel Plants, Shipping Companies, Aircraft Industries, Automobile Industries, Railways, etc.

Here are the top reasons NDT is used by so many companies throughout the world:

- **Savings.** The most obvious answer to this question is that NDT is more appealing than destructive testing because it allows the material or object being examined to survive the examination unharmed, thus saving money and resources.
- **Safety.** NDT is also appealing because almost all NDT techniques (except radiographic testing) are harmless to people.
- **Efficiency.** NDT methods allow for the thorough and relatively quick evaluation of assets, which can be crucial for ensuring continued safety and performance on a job site.
- **Accuracy.** NDT methods have been proven accurate and predictable, both qualities you want when it comes to maintenance procedures meant to ensure the safety of personnel and the longevity of equipment.

Ashish
PRINCIPAL

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GSI, Bandiaguda, Nagole, Hyd-68.

- **Accuracy.** NDT methods have been proven accurate and predictable, both qualities you want when it comes to maintenance procedures meant to ensure the safety of personnel and the longevity of equipment.

"Nondestructive testing is the life blood of a well-run facility. NDT techniques and repeatable results depend on highly trained technicians with experience and integrity. Industrial NDT methods and interpretation of results are performed by certified professionals. Not only does the technician need to be certified in a specific NDT method, but they also need to know how to operate the equipment being used to gather data. Understanding equipment capabilities and limitations is the difference between making an accept or reject determination."

Ashish
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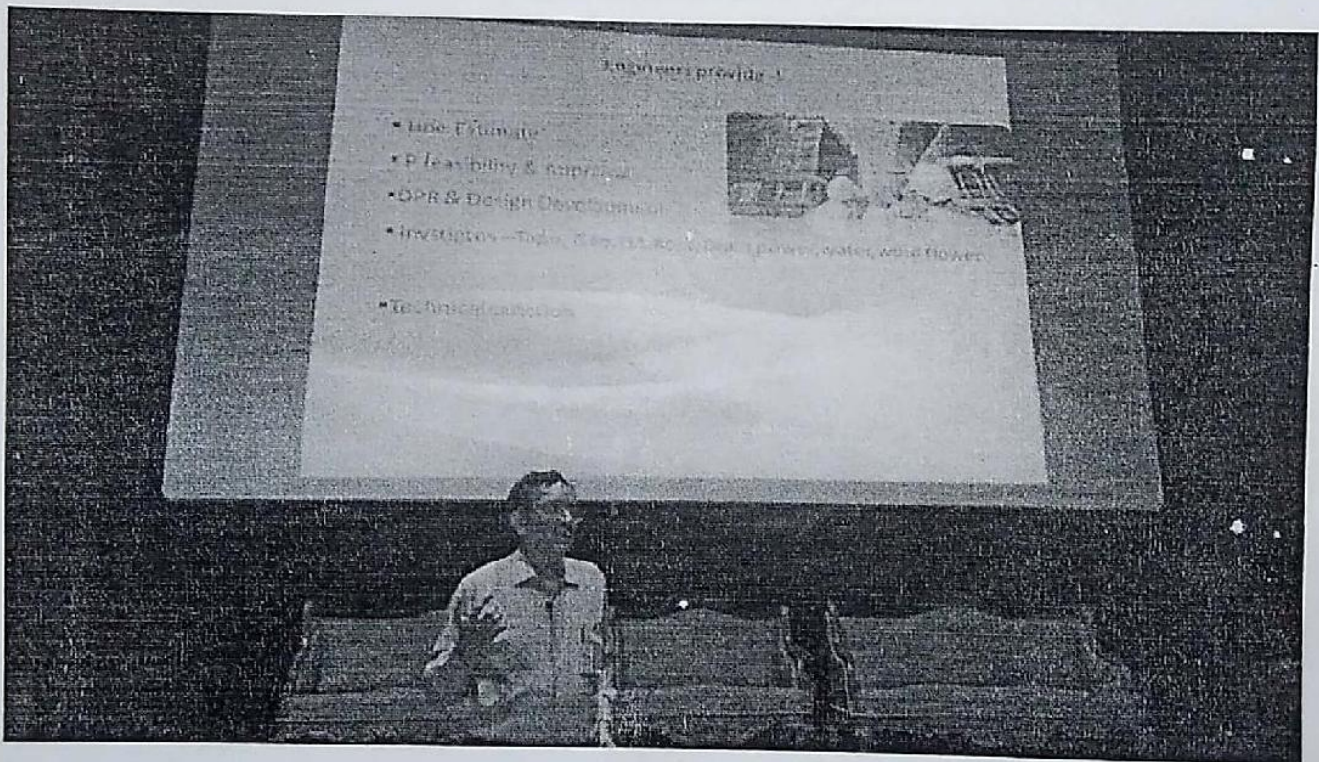
Lamin
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A Three- day FDP
On

CONSTRUCTION TECHNIQUES AND MANAGEMENT

(22-09-2016 to 24-09-2016)

Organized by

Department of Civil Engineering



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

Construction Techniques and Management

Construction Technology management refers to the discipline of overall planning, coordination and control of projects. It is a branch of Civil Engineering. This course is a combination of Civil Engineering and construction management. Construction management is the overall planning, coordination, and control of a project from beginning to completion. This course gives the students scientific principles involved in construction, an understanding of the behaviour of construction materials and the fundamentals of structural mechanics. Construction technologists should have good knowledge about different types of materials used for construction, along with testing procedures to assure quality control. The principles of drainage, water supply and distribution, heating and ventilation, and recycling of construction and demolition waste management.

Objective

The Management of Modern Construction Projects require knowledge of sound Management Techniques as well as understanding of the Design and Construction process. The complex nature of the construction industry has created a need for highly educated and competent construction management personnel.

APR 2017
SREYAS INSTITUTE OF ENGINEERING & TECHNOLOGY
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The workshop deals with topics related to modern construction techniques and planning software tools for the Management of complex problems in construction. It provides the delegates with the main knowledge to manage a construction project from preliminary stages to handover. The programme is designed to train participants to understand the basic 'Project Management Techniques' in construction projects, to understand the advanced construction techniques in Infrastructure projects, Precast layout-planning-Fabrication and construction, a comprehensive view of Handling and Erection techniques of tall structures, shoring, scaffolding, and formwork techniques, to provide inputs on controlling and monitoring the projects - big or small. Cost accounting, to provide easy - to - use approach to project planning using leading software packages for planning, monitoring and controlling of Infrastructure and Building Projects.

COURSE HIGHLIGHTS

Conceptual frame work of construction project management: overview on various attributes of construction techniques from inception to completion which includes structuring of construction projects, construction, planning, scheduling, Monitoring and control, applications of network techniques using software, cost accounting and control, quality and safety.

"No matter how good the team or how efficient the methodology, if we are not solving the right problem, The project fails." - Woody Williams

Convener :

Mr. Lalith Kumar

Assistant Professor and Head of Civil
Sreyas Institute of Engineering and Technology

Co-ordinator :

T. Ranjith Kumar

Assistant Professor, CE
Engineering



Registration Form :

Name : _____
 Designation : _____
 Qualification : _____
 Organization : _____
 Address : _____

 Email : _____
 Place : _____ Date : _____
 Signature of the Applicant : _____

Asuresh

PRINCIPAL
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 9-39, Sy. No. 107, Tattiannaram (V),
 GSI, Bandlaguda, Nagole, Hyd-68

PURPOSE OF FDP ON CONSTRUCTION TECHNIQUES AND MANAGEMENT:

Businesses of all sizes sometimes find it necessary to manage construction projects on their own account or as part of larger contracts. Even smaller businesses may require an expansion of existing facilities or a new building. Planning for such construction projects and controlling costs and schedules are often challenging and require a thorough understanding of construction management techniques to bring the project to a successful conclusion.

Planning

Planning techniques for construction projects include a work breakdown structure; Program Evaluation and Review Technique, or PERT, charts; and Gantt charts. A work breakdown structure reduces complexity by breaking down the work to be done into individual tasks that are the responsibility of a particular employee

Cost Control

Construction project management requires cost control. Your planning activities have helped you identify the tasks that have to be completed and assign corresponding work. Cost control starts with distributing the total cost to the tasks and establishing reporting procedures to track costs as your company incurs them

Schedule Control

Controlling the schedule for construction projects is critical because tasks are mutually interdependent and delays can increase costs

Quality Control

An important function for construction projects is to control the quality of the materials and the work because it affects the value of the structure you are building. Quality control has three parts. You have to identify the level of quality you want, ensure that the purchase orders specify the quality and examine the finished product to make sure you received what you ordered.

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FDP ON CONSTRUCTION TECHNIQUES AND MANAGEMENT

RESOURCE PERSON PROFILE

Dr. Beekshma

Educational Qualification: B. E (Civil), M.Tech (Structures), Ph.D(OU)

Experience: 13 years in teaching, Research and consultancy

Awards: Best Guide Award for Second National Annual Cube Test competition 2006 from Andhra Pradesh state by ICI and ACC.

- Workshop on Teaching and Learning practices, 19 April 2006.
- Assisted Organizing Secretary, Training programme on Pavement design, Construction and Maintenance, 26 and 27th December 2006.
- Assisted Organizing Secretary, Workshop on Earthquake Resistant Design of Structures, 7th and 8th March 2007.
- Conducted Workshop on Ground Penetrating Radar (GPR), 9th and 10th March 2007.
- Organized a training programme on NPCBEERM, 4th to 9th June 2007.

Asuresh
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9-39, Sy. No. 107, Tattannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68



Sreyas Institute of Engineering & Technology
(Approved by AICTE, New Delhi | Affiliated to JNTU, Hyderabad)
Established in 1983, Sreyas Institute of Engineering & Technology is a leading institution in the field of Engineering & Technology.

**A Two Day Workshop
On**

3D STRUCTURAL ANALYSIS AND DESIGN USING STAAD PRO

(20-02-2017 to 21-02-2017)



Organized by

Department of Civil Engineering

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to JNTU, Hyderabad)

Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

Workshop highlights

- . Introduction
- . Introduction to Structural Analysis and Design
- . Objectives of Structural analysis and Design
- . Need for Analysis and Design for Softwares
- . Inputs required for analysis and Design of Buildings

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9-39, Sy. No. 107, Tattammarain (V),
GSI, Bandlaguda, Nagole, Hyd-58

PURPOSE OF WORKSHOP ON 3D STRUCTURAL ANALYSIS AND DESIGN USING STAAD PRO:

STAAD Pro is an analysis and design software package for structural engineering, used in performing the analysis and design of a wide variety of types of structures. This implies that it addresses all aspects of structural engineering including model development, verification, analysis, design and review of results. It includes advanced dynamic analysis and push over analysis for wind load and earthquake load.

Students are introduced to the concepts of structure modeling, analysis, design and documentation. This course offers hands-on exercises representing real-world structural design scenarios.

Workshop Benefits:

- Structural Analysis capabilities of STAAD Pro.
- Preprocessing, analysis and post processing
- Working methodology of general finite element based analysis software
- Modeling issues, Idealization
- Types of Structural Analyses
- Types of static and dynamic loadings
- Reinforced Concrete and Steel

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WORKSHOP ON 3D STRUCTURAL ANALYSIS AND DESIGN USING STAAD PRO:

RESOURCE PERSON PROFILE

Mr. M.A. Azeem is a practicing civil engineer with a B. Tech from JNTU, Hyderabad and M.E in Structural Engineering from Osmania University, Hyderabad. His specialization is Structural Dynamics and Earthquake Engineering. He is proficient in various structural engineering softwares like ETABS, SAP2000, Seismostruct etc. He has published 9 research papers in various National and International journals.

Azeem
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9-39, Sy. No. 107, Tattianaram (V),
RSI, Bandlaguda, Nagole, Hyd-68

5 Day FDP program on Outcome Based Education
(19-6-2017 to 23-06--2017)

1. Name:
2. Designation:
3. Organization:
4. Address:
5. Mobile No:
6. E-mail ID:
7. Teaching Experience:
8. Accommodation required: Yes/No
9. DD Particulars: Rs. _____, Dt. _____

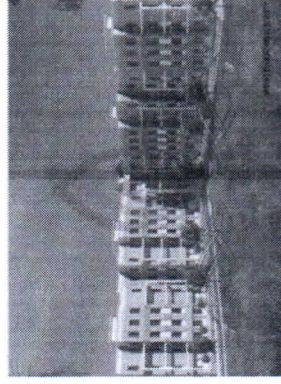
Declaration

The above information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

Place: _____ Date: _____
Applicant Signature _____
Signature & Seal of Head of the Institution



5 Day FDP program on Outcome Based Education
(19-6-2017 to 23-06--2017)



Organized

By

Department of Mechanical Engineering

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Nagole, Hyderabad – 500068.
Website: www.sreyas.ac.in

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Sri A. Vinay Kumar Reddy, Chairman

Patron(s)
Sri Ch. Ravindranath, Secretary

Sri N.Sharath Reddy, CEO
Sri A. Hriday Reddy, Vice Chairman

Advisor
Dr. Suresh Akella, Principal

Program Coordinator
Mr. Y Krishna, Assoc. Professor , Mech. Engg.

HOD
Mr. A C S Reddy , Assoc. Professor

Coordinator(s)
Mr. A C S Reddy, Assoc. Professor, Mech.Engg.
Mr. K Sainath, Assoc. Professor, Mech.Engg.
Dr. A C Umamaheshwer Rao, Assoc. Prof. Mech. Engg.

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Mr. J.Sandeep Kumar **Mr. B. Sanjanna**
Mr. G. Nagesh **Mr. D.V. Paleshwar**
Mr. M.PurushothamReddy **Mr. M A S R Abhilash**

Address for Correspondence
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Department of Mechanical Engineering
Sreyas Institute of Engineering and Technology,
Nagole – 500068, Telangana.
Mobile: 8886287868
E-mail: me.hod@sreyas.ac.in

About the Institute

Sreyas Institute of Engineering & Technology (SIET) is established in the year 2011 by Sreyas Educational Society. It is located in the heart of Hyderabad city about 5 km from Nagole metro station. SIET has been in the forefront imparting high quality technical education. State of the art infrastructure in all branches of engineering, dedicated and qualified staff, highly conducive environment for teaching learning process are the hallmarks of this professionally managed institution. The institute is an affiliate to JNTUH and accredited by NAAC. The Institute offers Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Science Engineering courses.

About the Mechanical Engineering Department

The department of Mechanical Engineering was established in the year 2011 and offers UG & PG programs in Mechanical Engineering. The Department has qualified, dedicated, experienced and trained faculty with a deep sense of commitment towards the students and Institution. Teaching faculty with proficiency in various subjects motivates students to participate in research activities and skill development programs. The Department has state of the art laboratories, R&D lab and labs with well-equipped hardware and software facility.

About the FDP

Globalisation has brought in a clear shift from education as transmission of expert knowledge to education as building learner competencies including learning to learn and lifelong learning.

The induction of India in the Washington Accord in 2014 with the permanent signatory status of India has started implementing OBE in higher technical education like diploma and undergraduate programmes. The National Board of Accreditation, a body for promoting international quality standards for technical education in India has started accrediting only the programmes running with OBE from 2013. The National Board of Accreditation (NBA) is considered a big leap forward for the higher-education system in India. Outcome-Based Education" (OBE) model is being adopted at a fast pace at Engineering colleges in India at the moment. It is considered as a giant leap forward to improve technical education in India and help Indian Engineers compete with their global counterparts. This FDP will be helpful for the faculty members from Engineering as well as Polytechnic Institutes

Resource Person

Dr. Suresh Akella, Principal, SIET
Dr. K. Kiran kumar. Asst. Prof. MED, NITW
Dr. Kota Naga Srinivas Rao Batto, Professor
ECE, NITW
Dr. E. Suresh Babu , Professor, CSE, NITW

Program Schedule

Day 1:

Inauguration Ceremony:

Address by Sri A. Vinay Kumar Reddy, Chairman, SIET.

Sri Chintala Ravindranath, Secretary, SIET.

Sri N. Sharath Reddy, CEO, SIET.

Sri A. Hriday Reddy, Vice Chairman, SIET.

Dr. Suresh Akella, Principal, SIET.

Session 2

To create awareness in faculty members about Outcome Based Education System.

- To understand the implementation of OBE in NBA Process.

- To use various innovative teaching learning methods

Day 2

- Formulate Vision, Mission, PSOs, COs.

- Identify, design and apply appropriate assessment methods for PEOs, POs and COs.

Day 3:

- Assess and evaluate attainment of COs, PSOs and POs.

Day 4

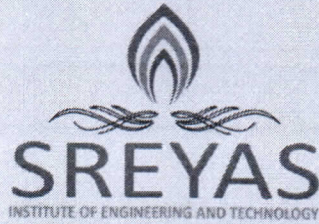
Apply the Innovative teaching learning methods.

Day 5

Identify the scope for continuous improvement and to propose corrective measures.

- Assess all the criteria in the NBA's SAR

Registration fee Registration fee for each participant (Faculty/ student/ research scholar) is Rs. 150.



**Faculty Development Programme
on
OUTCOME BASED EDUCATION
Attainment of Course Outcomes (COs) and Blooms Taxonomy Levels**

**By
Dr. E. SURESH BABU, Professor
Dept of Computer Science and Engineering
NIT, Warangal**

Introduction to FDP

Globalization has brought in a clear shift from education as transmission of expert knowledge to education as building learner competencies including learning to learn and lifelong learning. The induction of India in the Washington Accord in 2014 with the permanent signatory status of India has started implementing OBE in higher technical education like diploma and undergraduate program. The National Board of Accreditation, a body for promoting international quality standards for technical education in India has started accrediting only the program running with OBE from 2013. The National Board of Accreditation (NBA) is considered a big leap forward for the higher-education system in India. Outcome-Based Education” (OBE) model is being adopted at a fast pace at Engineering colleges in India at the moment. It is considered as a giant leap forward to improve technical education in India and help Indian Engineers compete with their global counterparts. This FDP will be helpful for the faculty members from Engineering as well as Polytechnic Institutes.

Asuresh
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9-39, Sy.No: 107, Tattianaram (V),
CSI, Bandiaguda, Nagole, Hyd-68.

Objectives of FDP -

- To create awareness in faculty members about Outcome Based Education System.
- To understand the implementation of OBE in NBA Process.
- To use various innovative teaching learning methods.

Outcomes of FDP -

- Formulate Vision, Mission, PSOs, COs.
- Identify, design and apply appropriate assessment methods for PEOs, POs and COs.
- Assess and evaluate attainment of COs, PSOs and POs.
- Apply the Innovative teaching learning methods.
- Identify the scope for continuous improvement and to propose corrective measures.
- Assess all the criteria in the NBA's SAR.

EVENTS

- Formulate Vision, Mission, PSOs, COs.
- Identify, design and apply appropriate assessment methods for PEOs, POs and COs.
- Assess and evaluate attainment of COs, PSOs and POs.
- Apply the Innovative teaching learning methods.
- Identify the scope for continuous improvement and to propose corrective measures.
- Assess all the criteria in the NBA's SAR.

PAPER PRESENTATION TOPICS

- Formulate Vision, Mission, PSOs, COs.
- Identify, design and apply appropriate assessment methods for PEOs, POs and COs.
- Assess and evaluate attainment of COs, PSOs and POs.
- Apply the Innovative teaching learning methods.
- Identify the scope for continuous improvement and to propose corrective measures.
- Assess all the criteria in the NBA's SAR.

Asuresh
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Day 1:- Dr Suresh Akella

- Infusing Active Learning and Active Engagement in Learning for students and faculty
- Academic Ethics and Integrity: Follow and Imbibe
- Definition of Outcome in Outcome based education its Challenges and Strategies for implementation
- Attainment of POs through curriculum which has lots of curriculum gaps, restricted and confined only to curriculum without analysis of Bloom's Taxonomy: It is a best Practice
- MOODLE Learning: Implementation, Challenges, Strategies, Best Practices, Case Studies, Student Testimonials, Impact Analysis, Future Scope
- MOODLE Design: Plugins, Activities, Resources, Features, Its thought process of using it, Students Testimonials, Impact Analysis, Future Scope
- ICT Methods: Demonstration of usage of different ICT tools (Digital Blooms Taxonomy - Whatsapp, Facebook, Google etc), Its Pros and Cons of using it, Case Studies, Impact Analysis
- Curriculum gaps in the view of Bloom's Taxonomy way
- Alumni Interaction and its requirement by teachers.

Day 2: Dr.K Kiran Kumar

- Teaching and learning methods
- Its students who are important and not just mere completion of syllabus: Introspection, reflection, thought process and practicing
- CO, PO, PSO, PEO: Is it only for accreditation or implementable in real life situation
- CO, PO, PSO, PEO are real life skill development, Case Studies, Impact Analysis
- Are we merely completing CO-PO process? Lets align routine professional life to CO-PO

- PSO and PEO without studying Alumni Profile. Takeaways from Alumni Profile and infusing them in curriculum gaps
- Mathematics only for mere completion of steps and solving. Are we teaching its real applications and ways of framing equations from real life statements.
- Mathematics formulation of problems and tutorials in Outcome way. Are our students' able to do mathematical modeling of real life problems? Why not? If not how to
- Effective Adherence to Academic Calendar. Infusing Google Calendar, ICT based Calendars
-

Day 3: Dr. Kota Naga Srinivas Rao Batta

- How to enhance employability quotient of our institute? Measures to enhance employability?
- Students' feedback: When we want or when students want? Is it really learner centric? Best Practices, Impact Analysis and Improvement Strategies
- Managing Technology Disruptions for its effective usage
- Soft Skills for Teaching Learning and Evaluation
- Are we knowing our students very well? Advanced Learners, Slow Learners, Promoting Progression from Slow Learners to Advanced Learners

Asuresh
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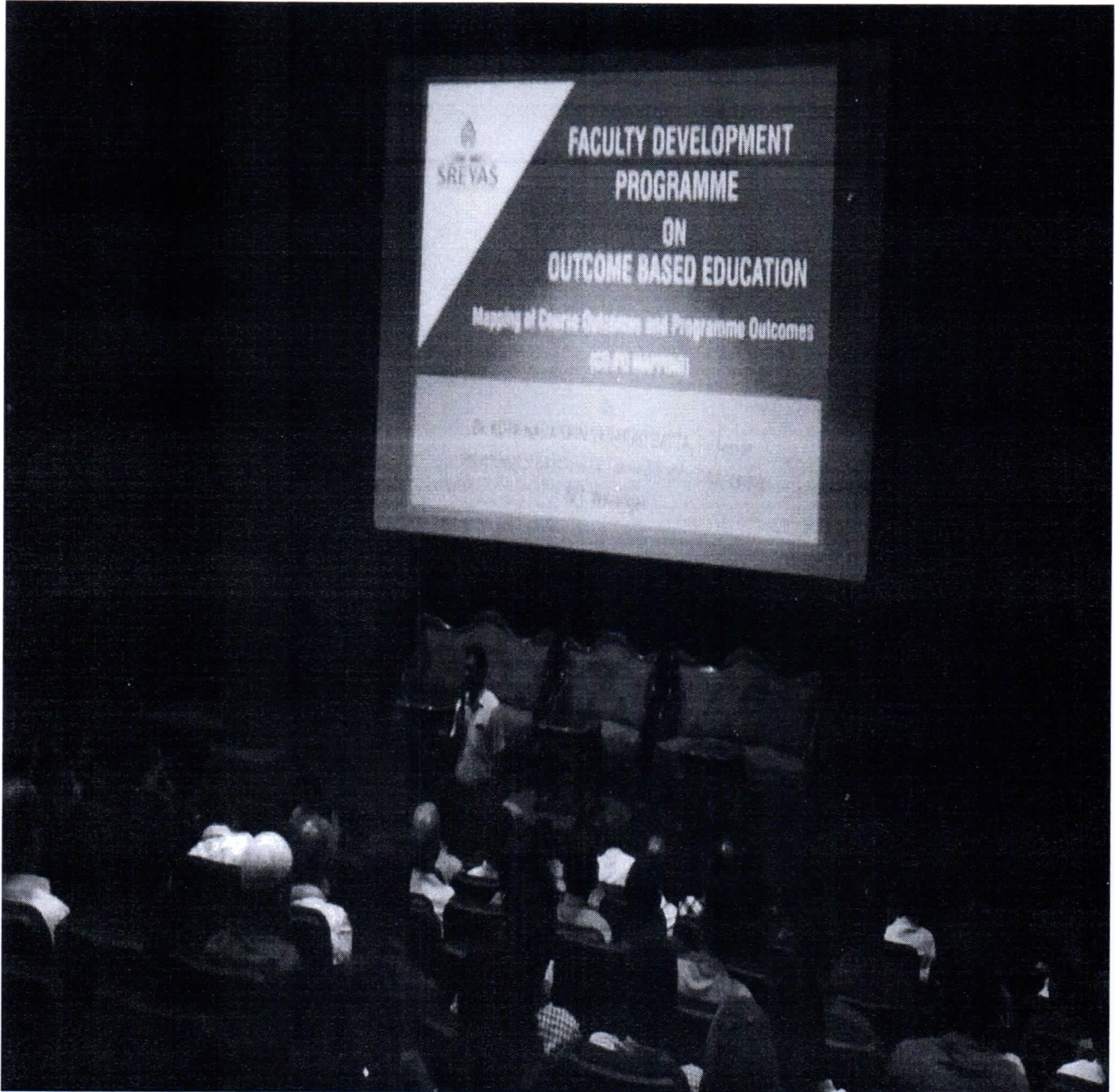
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Day 4: E Suresh Babu

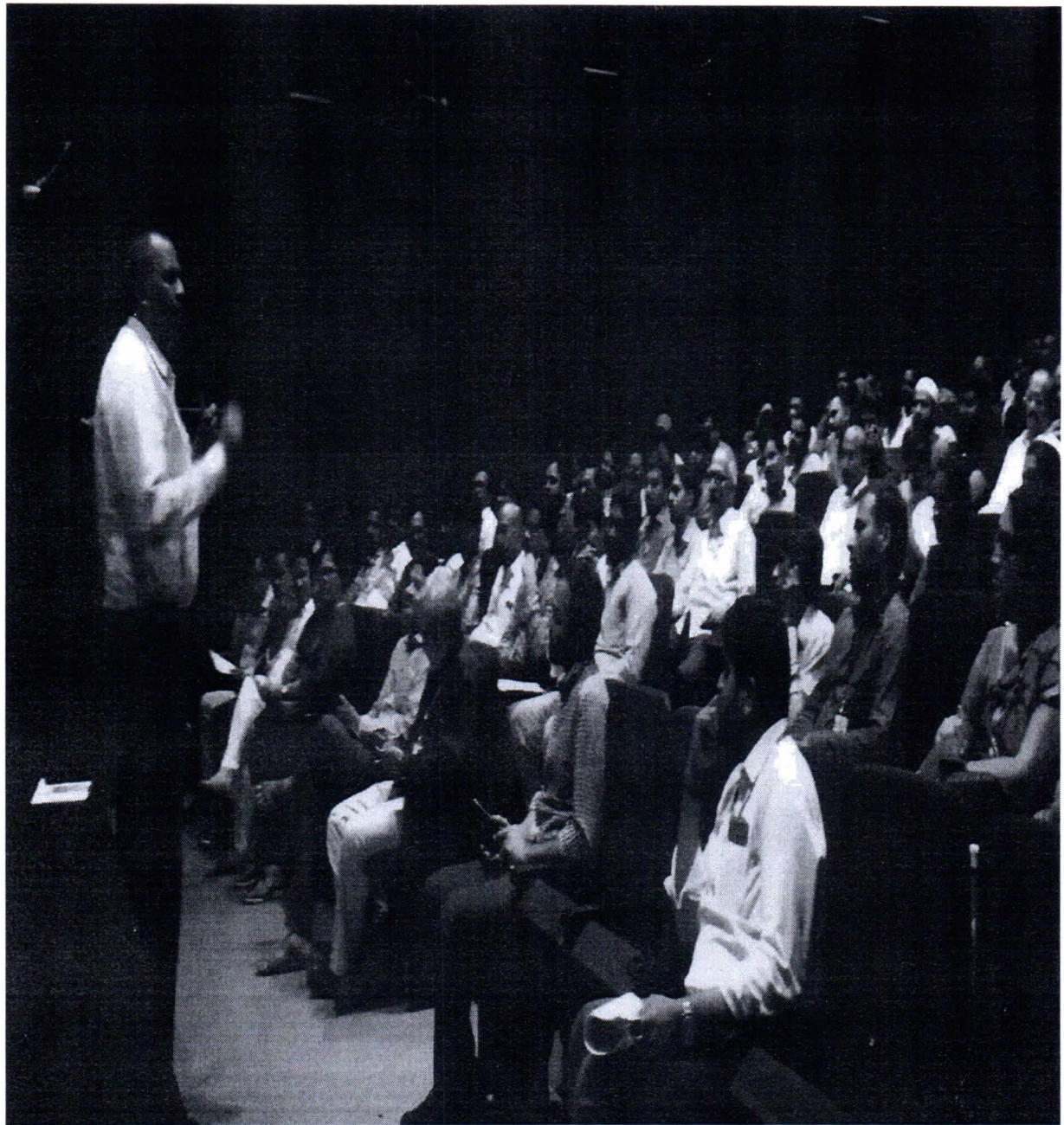
- CO-PO Mapping and attainment case studies: Outcome Based Approach (Not syllabus and non-domain specific approach)
- Rubrics: Are we merely following or using as progression strategies
- Continuous Assessment? Is it really Continuous? Let's Introspect
- Is Evaluation and Assessment leads learning
 - process? Strategies and Implementation
- Infusing Swayam and other online learning resources in Routine Academics.
- MOODLEians: Are we sustaining? Challenges, Strategies and integrating
- Students Projects: Mini Projects, Model Making, Is it really outcome based? Ways and means of making it outcome based
- Industrial Training, Industrial Visits, and Internship: Is it promoting Higher Order Thinking Skills or just ending up in viewing mere resources.
- Industrial Consultancy, Industry Research Grant: Is it a dream or reality? Making it possible.

Day 5: Dr Suresh Akella

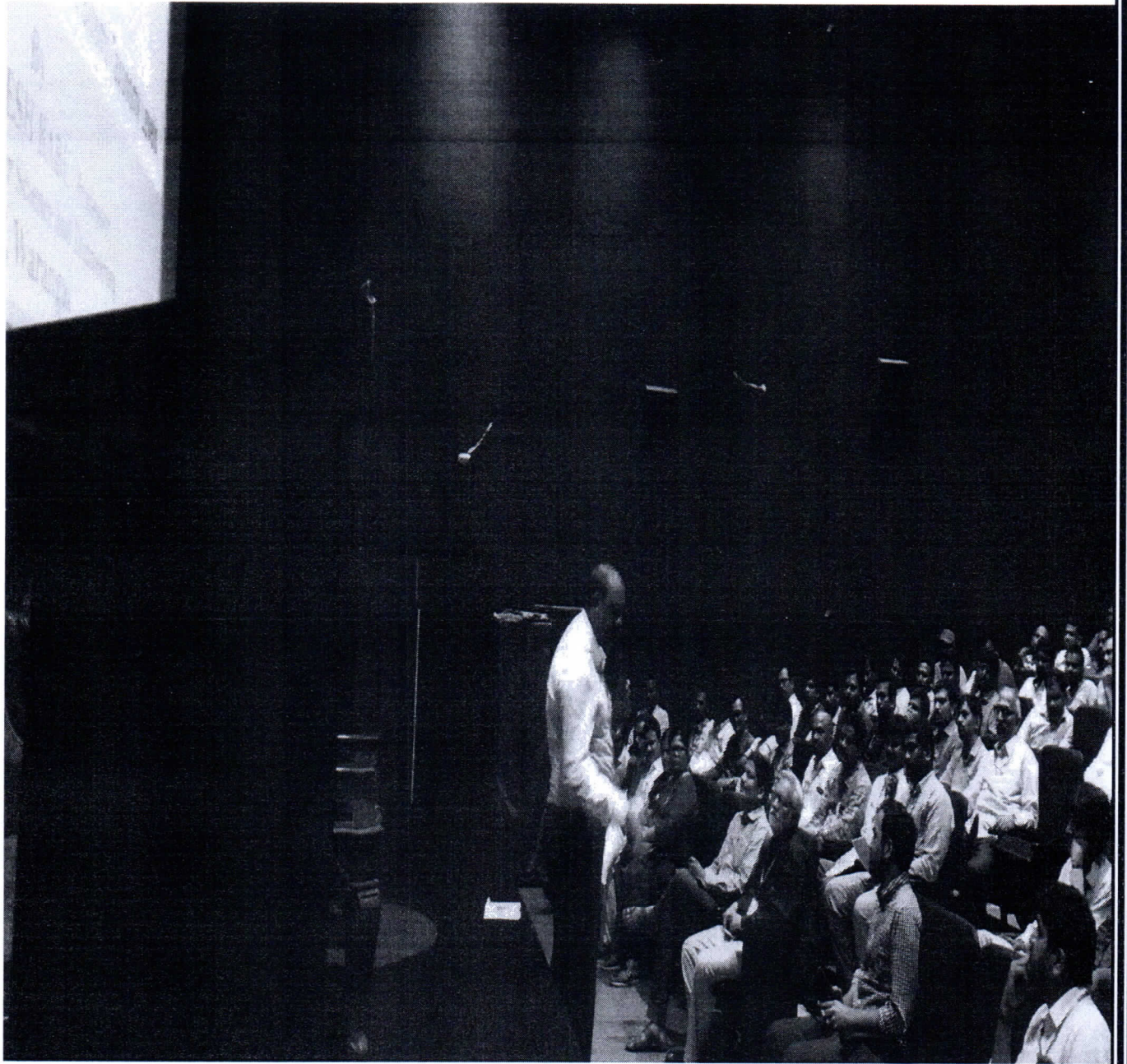
- Outcome based in your own way: Lets copyright (Participants will prepare literature and file it as copyright online)
- Promoting originality, time and passion (OTP) in students and teachers
- Innovation by faculty in teaching learning process: Peer Review and critique, Reproducible and further development by other scholars
- Development activities in Teaching Learning process: Product Development, Research Laboratories, Instructional Materials, Working Models, Charts
- Demonstrating Academic Leadership



Ashish
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Aswath
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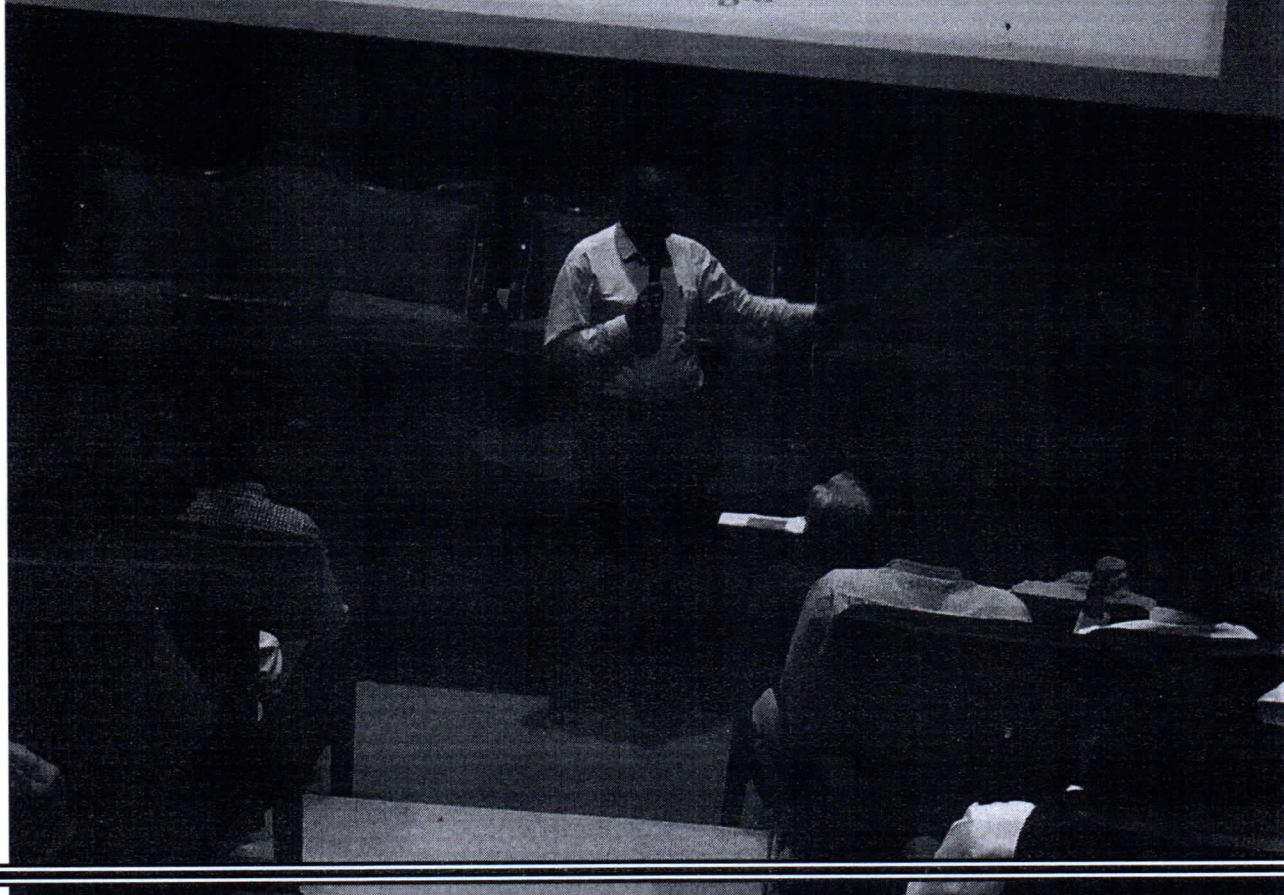


Ashresh
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Faculty Development Programme
on
OUTCOME BASED EDUCATION
Attainment of Course Outcomes (COs) and Blooms Taxonomy Levels

By
Dr. E. SURESH BABU, Professor
Dept of Computer Science and Engineering
NIT, Warangal

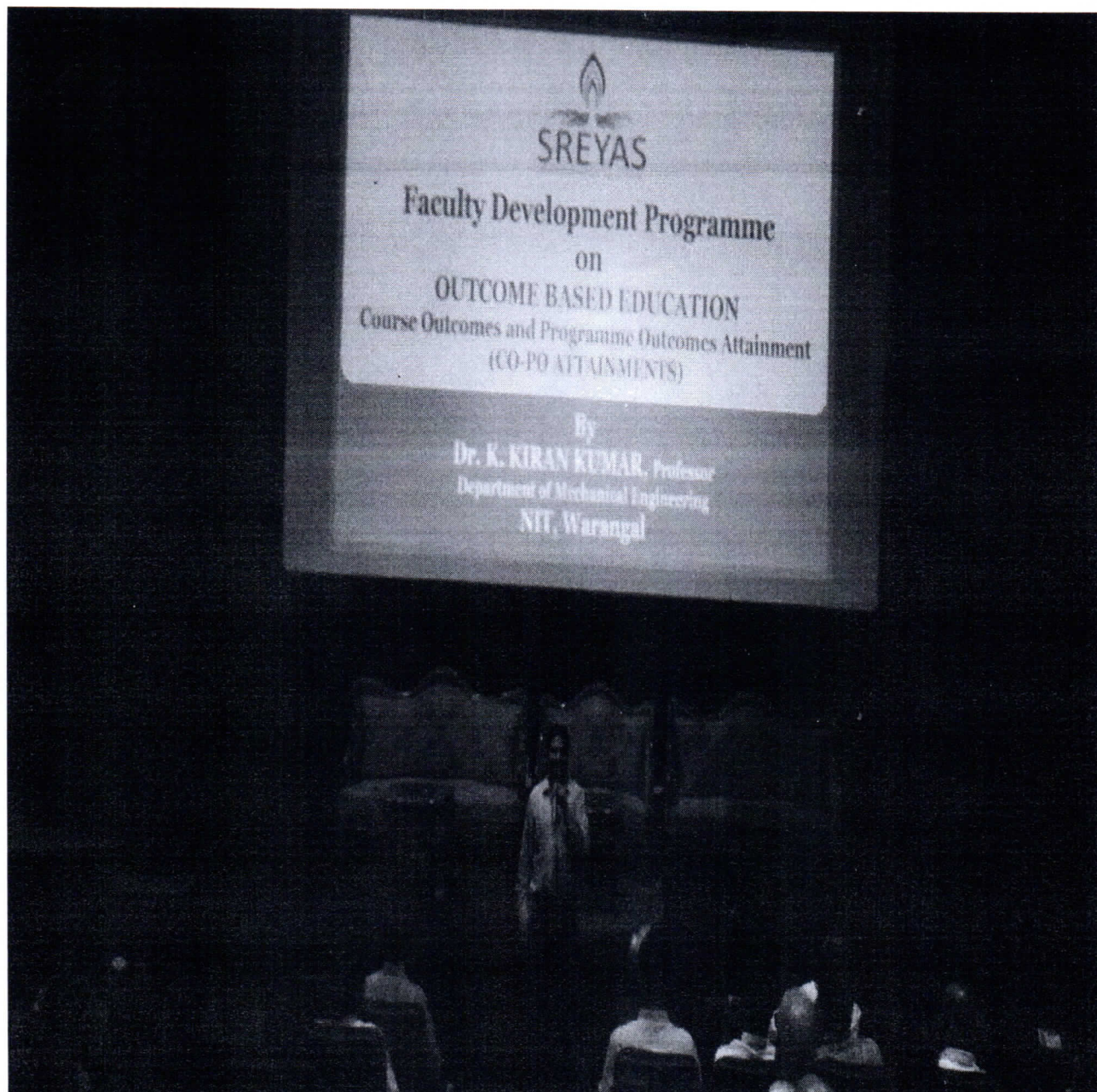


E. Suresh
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CSi, Bandiaguda, Nagole, Hyd-68.

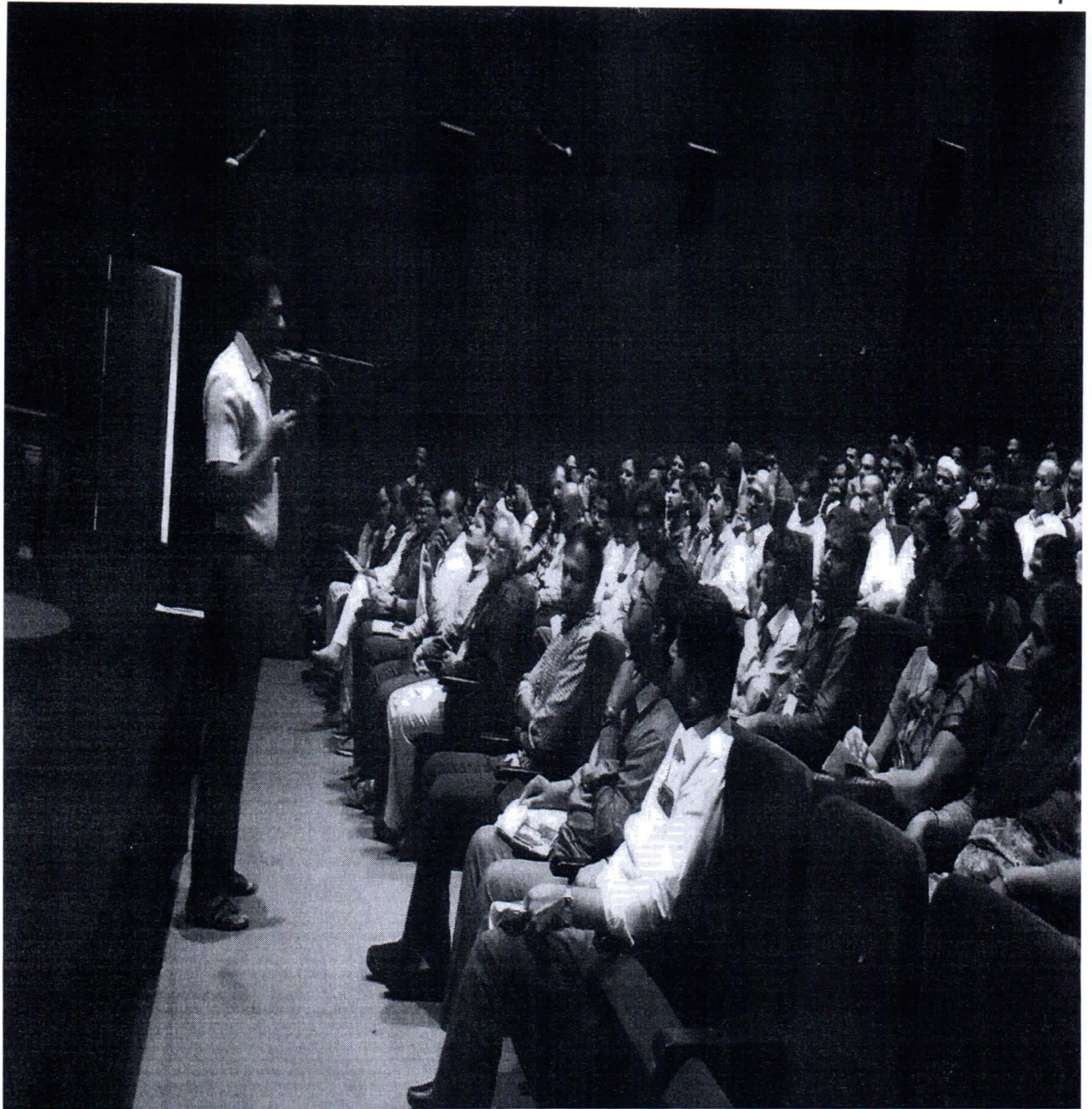


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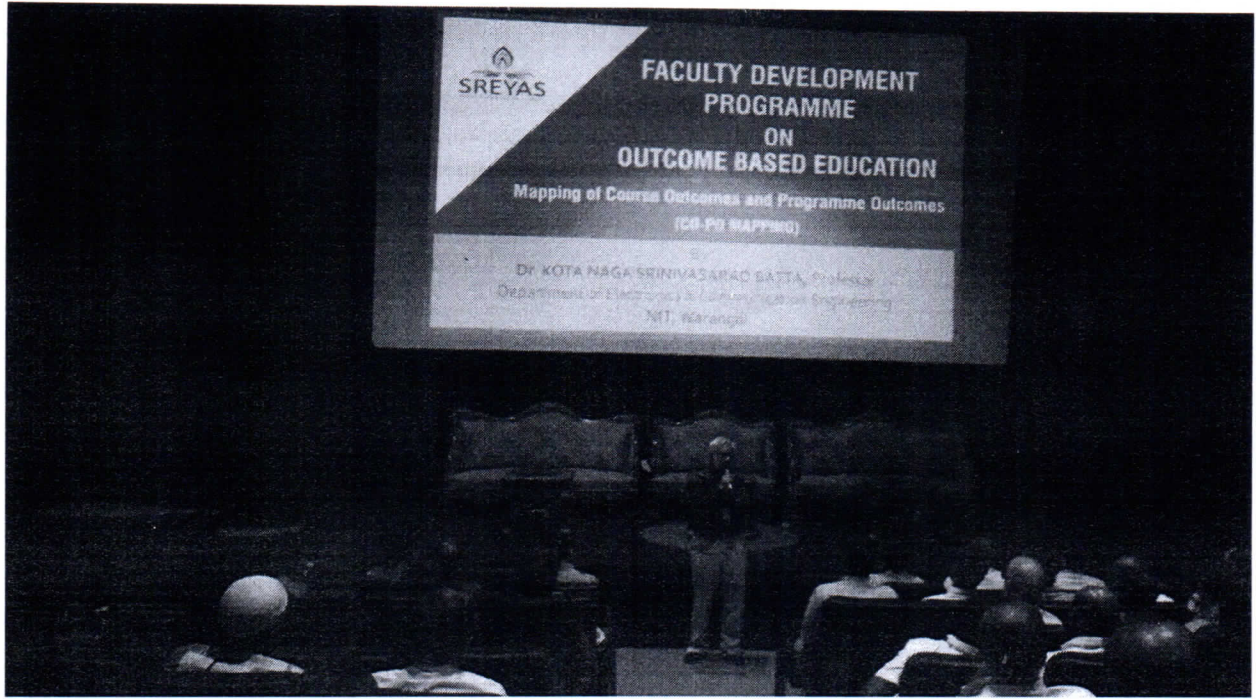


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Asuresh
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SREYAS Institute of Engineering & Technology

(Approved by AICTE, Delhi | Affiliated to JNTUH, Hyderabad)
Hyderabad | PIN:500068

Department of Mechanical Engineering Faculty Registered for 5 Day FDP on Outcome Based Education

S.No	Name
1	Dr SURESH AKELLA
2	Dr P M DIAZ
3	Mr Y KRISHNA
4	Mr K SAINATH
5	Mr. N Jaya Krishna
6	Mr K L N MURTHY
7	Mr K RAMYA DEEPIKA
8	Mr. T Krishna Chaitanya
9	Mr R NAVEEN KUMAR
10	Mr T RAVI
11	Mr B SANDEEP
12	Ms. USHA JYOTHIR MAI
13	Mr. A C SEKHAR REDDY
14	Mr K RAJASHEKAR
15	Mr PRAVEEN B RONAD
16	Mr J V RAMAKANTH
17	Mr P PRAVEENKUMAR
18	Mr MANJUNATH BHAJANTRI
19	Mr B SANJANNA
20	Mr K NAGESWARA RAO
21	Mr J SANDEEP KUMAR

Suresh
PRINCIPAL

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9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandiaguda, Nagole, Hyd-68.

Resource person profile s

Resource person : Kota Naga Srinivasa Rao Batta



He is presently working in NIT Warangal. He has procured his M.Tech and Ph.D from IIT Kharagpur. His areas of interests are Electronic Devices and Circuits, Switching Theory & Logic Design. He has published one book and seven international journals.He has prented articles in eight conferences.

Dr.E.Suresh Babu



He is presently working in NIT Warangal from CSE Department. He has procured his M.Tech from Vt University,Karnataka and Ph.D from JNTUK from Anantapur.His areas of interests are Data structures and Theory of Computation.He has published over 15 international journals and he has presented articles in four conferences .

Dr.K.Kiran Kumar



He is presently working in NIT Warangal from Mechanical Engineering Department. His areas of interests are Heat Transfer and Thermal engineering. He has published over 35 international journals and he has presented articles in 22 conferences .

Dr.Suresh Akella



He is presently, Principal and R&D head at Sreyas Institute of Engineering & Technology affiliated to JNTUH. He procured masters degree in Design and Machine dynamics from IITM in 1980. He pursued his interest in FEM and numerical simulations and obtained his PhD from U of Alberta, Canada 1984. He has published more than 50 papers in International and National Journals and conferences.

One Week Faculty Development Program
OR
Finite element analysis using ANSYS
(20-12-2016 to 24-12-2016)

1. Name:
2. Designation:
3. Organisation:
4. Address:
5. Mobile No:
6. E-mail ID:
7. Teaching Experience:
8. Accommodation required: Yes/No
9. DD Particulars: Rs. _____, Dt. _____

Declaration

The above information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

Place: _____ Date: _____

Applicant Signature

Signature & Seal of
Head of the Institution

Chief Patron

Sri A. Vinay Kumar Reddy, Chairman

Patron(s)

Sri Ch. Ravindranath, Secretary

Sri N. Sharada Reddy, CEO.

Sri A. Hriday Reddy, Vice Chairman

Advisor

Dr. Suresh Akella, Principal

Program Coordinator

Mr. Y Krishna, Assoc. Professor, Mech. Engg.

HOD

Mr. Y Krishna, Assoc. Professor

Coordinator(s)

Mr. A C S Reddy, Assoc. Professor, Mech. Engg.

Mr. K Sainath, Assoc. Professor, Mech. Engg.

Dr. A C Umamaheswar Rao, Assoc. Prof. Mech. Engg.

Organizing Member(s)

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Mr. B. Sudeep

Mr. Praveen B. Boddeti

Ms. P. Lakshmi

Mr. P. Praveen Kumar

Mr. J. Sudeep Kumar

Mr. G. Nagesh

Mr. M. Parasuram Reddy

Ms. B. Sudeepa

Mr. L. Sree

Mr. K. Raja Sekhar

Mr. Manoj B

Mr. N. Nagaraj

Mr. B. Sudeep

Mr. D. V. Paleswar

Mr. M. A. S. R. Abhishek

Address for Correspondence

Y. Krishna

Department of Mechanical Engineering

Sreyas Institute of Engineering and Technology

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One Week Faculty Development Program
OR
Finite element analysis using ANSYS
(20-12-2016 to 24-12-2016)



Organized

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Department of Mechanical Engineering

**SREYAS INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

Nagole, Hyderabad - 500068.

Website: www.sreyas.ac.in

Suresh
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The department of Mechanical Engineering was established in the year 2011 and offers UG & PG programs in Mechanical Engineering. The Department has qualified, dedicated, experienced and trained faculty with a deep sense of commitment towards the students and Institution. Teaching faculty with proficiency in various subjects motivates students to participate in research activities and skill development programs. The Department has state of the art laboratories, R&D lab and labs with well-equipped hardware and software facility.

About the FDP

The FDP focuses on Finite Element Method (FEM) which is a numerical and computer-based technique for solving a variety of practical engineering problems involving structural, thermal and fluid flow domains. It is recognized by developers and users as one of the most powerful numerical analysis tools ever devised to analyze complex problems of engineering. The underlying theory of the method is now well established, with many books and courses providing adequate explanations of the theory. However, most people using the method, via commercial software or in house codes, do not often understand the method as applied to engineering problems, especially in generating output data and interpreting the results. As participants are expected from different institutes, this course would provide an excellent opportunity for the participants to interact with one another and discuss problems and solutions of mutual interest. The main objective of this faculty development program is to promote the basic and applications of finite element methods to solve the several types of engineering problems. Applicability of the method and different types of formulation procedures will be explained. Complete step-by-step details will be presented for typical one, two and three dimensional analyses. The programme includes hands-on sessions for solving engineering problems using ANSYS software.

Resource Person

Dr. Suresh Akella, principal, SIET
Dr. Ratnakar Reddy, Assoc. Prof. MED. CRIT
Mr. Krishna Rao, MD, SKM Technologies
N. Sai Srinivas, UNISCENT
Mr. Chetan, BIMIT
J Sandeep, Asst. prof. MED. SIET

Program Schedule

Day 1:

Inauguration Ceremony:

Address by ~~Sci. A. Vinay~~ Kumar Reddy, Chairman, SIET.

~~Sci~~Chintala Ravindranath, Secretary, SIET.

Sri N. ~~Sharath~~ Reddy, CEO, SIET.

Sri A. ~~Hriday~~ Reddy, Vice Chairman, SIET.

Dr. Suresh Akella, Principal, SIET.

Session 2

Overview of FEM and its applications Finite element formulation starting from Formulation Quadrilateral and higher

Day 2

Governing equations. One dimensional finite element analysis Two dimensional finite element analysis

Day 3:

Order elements Solution of 1D and 2D problems using ANSYS software. Solution of ~~axisymmetric~~ and 3D

Day 4

~~Problems~~ Dynamic analysis of Finite element-formulation

Day 5

Case studies and valedictory function

Registration fee Registration fee for each participant (Faculty/ student/ research scholar) is Rs. 250.

Suresh
PRINCIPAL

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GSI, Bandiaguda, Nagole, Hyd-68.

Report

Day	Content	Resource Person
Day 1	<ul style="list-style-type: none"> • Introduction to FEA • Plain stress analysis • Axi symmetry analysis • Mirror symmetry • Overview of FEM and its applications Finite element formulation starting from Formulation Quadrilateral and higher 	<ul style="list-style-type: none"> • Dr.Suresh Akella, principal, SIET • Dr. Ratnakar Reddy, Assoc. prof,MED,CBIT
Day 2	<ul style="list-style-type: none"> • Introduction to Meshing • Different Meshing Method and Mesh control • Governing equations One dimensional finite element analysis Two dimensional finite element analysis 	
Day 3	<ul style="list-style-type: none"> • Post processing Techniques • Case Studies <ul style="list-style-type: none"> • Order elements Solution of 1D and 2D problems using ANSYS software Solution of axisymmetric and 3D • Review/Recap and Case study base assessment 	
Day 4	<ul style="list-style-type: none"> • Problems Dynamic analysis of Finite element □ formulation • Case Study on Thermal analysis of Machining Process • Static and Transient Analysis • – Case Study (Analytical/Numerical/Computational) • Computational Fluid Dynamics on Battery Thermal Management System for Electric Vehicles – Case Study 	<ul style="list-style-type: none"> • Mr.Krishna Reddy,MD,SKM Technologies
Day 5	<ul style="list-style-type: none"> • Case Study on Flow and Heat transfer Analysis • Analytical/Numerical/Computational • Static and Transient Analysis • Computational Fluid Dynamics – Case Study 	<ul style="list-style-type: none"> • N. Sai Srinivas,UNISCENT • Mr. Chetan, BIMIT • J Sandeep, Asst. prof,MED,SIET • J Sandeep, Asst. prof,MED,SIET
	Review/Recap and Case study base assessment and Valedictory function	





Ashish
PRINCIPAL
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Resource person profiles

P.Ravinder Reddy



He has 28 Years of teaching, industrial and research experience. He has published over 260 technical papers in various reputed journals and conferences in various national and international level. Chaired over 16 conference sessions and co-chaire of about 12 sessions and guided 17 Ph.D scholars.

B.Krishna Rao



He is the founder of SKM Technologirs Private Limited. He established the company in the year 1986. The company has has emerged as a leading world class manufacturer of high precision components and assemblies for some of the reputed companies in India and abroad. He has pursued M.tech from VNIT Nagpur. He gives the training to students in CAD/CAM software.

Mr. N.Sai Srinivas



Experienced professional with a demonstrated history of working in the mechanical or industrial engineering industry. Skilled in Product Development, Multi-body Dynamics, Finite Element Analysis, Thermal & CFD analysis. Over 10 years of experience in design and development of UAV's & Drones.

Strong professional with a Master's Degree focused in Engineering Design from Jawaharlal Nehru Technological University.

Mr. Chetan polineni

Back ground :- Mechanical Engineering
CAD – CAM based industry since 2010.

- Worked as the **HVAC Design** Engineer– TRIGEO Technologies PVT. LTD from 2009-2011

Worked as HVAC & BIM **Design** Engineer - STEEL QUEST ENGINEERING PVT.LTD FRom 2011-2013

Worked as Training & Business Manager – Ramsys info It Consulting & Autodesk Academic partner 2013 to 2018

Presently Working Training & Business Manager (Manufacturing) – BIMIT, M/s Coretech Solutions from 2018.

Software expertise on: AutoCAD, Autodesk Inventor, Autodesk Fusion, Revit MEP, Revit Architecture, HVAC Design, CATIA V5R16, Ansys, NX, Creo, Solid works, Tekla.

Training Specialization :- Architectural / Mechanical BIM Design, Autodesk Manufacturing Solutions, Project Planning and management, HVAC Design

Autodesk Professional Certifications:-

Autodesk Certified Professional in Auto CAD(2013,2014,2015,2016)

Autodesk Certified Professional in Autodesk Inventor(2014,2015,2016)

Autodesk Certified in Autodesk Fusion 360(2016,2017)

A. Faculty Development Program conducted for various Institutions.

One week workshop on Importance of Engineering Drawing and its Pedagogy

(20-06-2016 to 25-06-2016.)

1. Name: _____
2. Designation: _____
3. Organization: _____
4. Address: _____
5. Mobile No: _____
6. E-mail ID: _____
7. Teaching Experience: _____
8. Accommodation required: Yes/No _____
9. DD Particulars: Rs. _____, Dt. _____

Declaration

The above information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

Place: _____

Date: _____

Applicant Signature _____

Signature & Seal of
Head of the Institution



One week workshop on Importance of Engineering Drawing and its Pedagogy (20-06-2016 to 25-06-2016.)



Organized

By

Department of Mechanical Engineering

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Nagole, Hyderabad – 500068.
Website: www.sreyas.ac.in

Chief Patron

Sri A. Vinay Kumar Reddy, Chairman

Patron(s)

Sri Ch. Ravindranath, Secretary

Sri N. Sharath Reddy, CEO

Sri A. Hriday Reddy, Vice Chairman

Advisor

Dr. Suresh Akella, Principal

Program Coordinator

Mr. K L N Murthy, Asst. Professor, Mech. Engg.

HOD

Coordinator(s)

Mr. A C S Reddy, Assoc. Professor

**Mr. A C S Reddy, Assoc. Professor, Mech. Engg.
Mr. K Sainath, Assoc. Professor, Mech. Engg.
Dr. A C Umamaheshwer Rao, Assoc. Prof. Mech. Engg.**

Organizing Member(s)

**Mr. K L N Murthy Mrs. Remya Deepika
Mr. T. Ravi Mr. B Sandeep
Mr. Praveen B. Ronad Mr. K Raja Sekhar
Ms. P Ushalyothirmai Mr. Manjunath B
Mr. P Praveen Kumar Mr. K. Nageswararao
Mr. J. Sandeep Kumar Mr. B. Sanjanna
Mr. G. Nagesh Mr. D. V. Paleshwar
Mr. M. Purushotham Reddy Mr. M A S R Abhilash
Ms. B Spandana Mr. T Suman**

Address for Correspondence

Mr. A C S Reddy
Department of Mechanical Engineering
Sreyas Institute of Engineering and Technology,
Nagole – 500068, Telangana.
Mobile: 8886287868
E-mail: me.hod@sreyas.ac.in

About the Institute

Sreyas Institute of Engineering & Technology (SIET) is established in the year 2011 by Sreyas Educational Society. It is located in the heart of Hyderabad city about 5 km from Nagole metro station. SIET has been in the forefront imparting high quality technical education. State of the art infrastructure in all branches of engineering, dedicated and qualified staff, highly conducive environment for teaching learning process are the hallmarks of this professionally managed institution. The institute is an affiliated to JNTUH. The Institute offers Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Science Engineering courses.

About the Mechanical Engineering Department

The department of Mechanical Engineering was established in the year 2011 and offers UG & PG programs in Mechanical Engineering. The Department has qualified, dedicated, experienced and trained faculty with a deep sense of commitment towards the students and Institution. Teaching faculty with proficiency in various subjects motivates students to participate in research activities and skill development programs. The Department has state of the art laboratories, R&D lab and labs with well-equipped hardware and software facility.

Overview

An Engineering Graphics, a type of technical drawing, is used to fully and clearly define requirements for engineered items. Engineering graphics (the activity) produces engineering drawings (the documents). More than just the drawing of pictures, it is also a language—a graphical language that communicates ideas and information from one mind to another. Most especially, it communicates all need-ed information from the engineer who designed a part to the workers who will make it.

In engineering profession, it is very essential that the engineers are able to communicate their ideas and facts with each other clearly and without ambiguity.

Workshop Objectives

The ultimate aim of this FDP is to train the beginners to the teaching community of academia and

- To impart and inculcate proper understanding of the theory of projection.
- To improve the visualization skills.
- To enable with various concepts like dimensioning, conventions and standards related to working drawings in order to become professionally efficient.
- To impart the knowledge on understanding and drawing of simple mechanical components.

Resource Person

Dr. BVR Gupta, Professor, A U.

Y . krishiha, Prof, MED, SIET

KLN Murthy Asst. Prof, MED, SIET

Program Schedule

Inauguration Ceremony:

By

Address by Sri A. Vinay Kumar Reddy, Chairman, SIET.

SriChintalaRavindranath, Secretary, SIET.

Sri N. Sharath Reddy, CEO, SIET.

Sri A. Hriday Reddy, Vice Chairman, SIET.

Dr. Suresh Akella, Principal, SIET.

Contents

Day 1: Introduction to Engineering Graphics Standards and Dimensioning

Day 2: Conceptual discussion on Special Curves Orthographic Projection

Day 3: Projection of Points & Straight lines

Day 4: Projection of Planes & Solids Section of Solids

Day 5: Development of Surfaces Intersection of Solids Perspective Projection

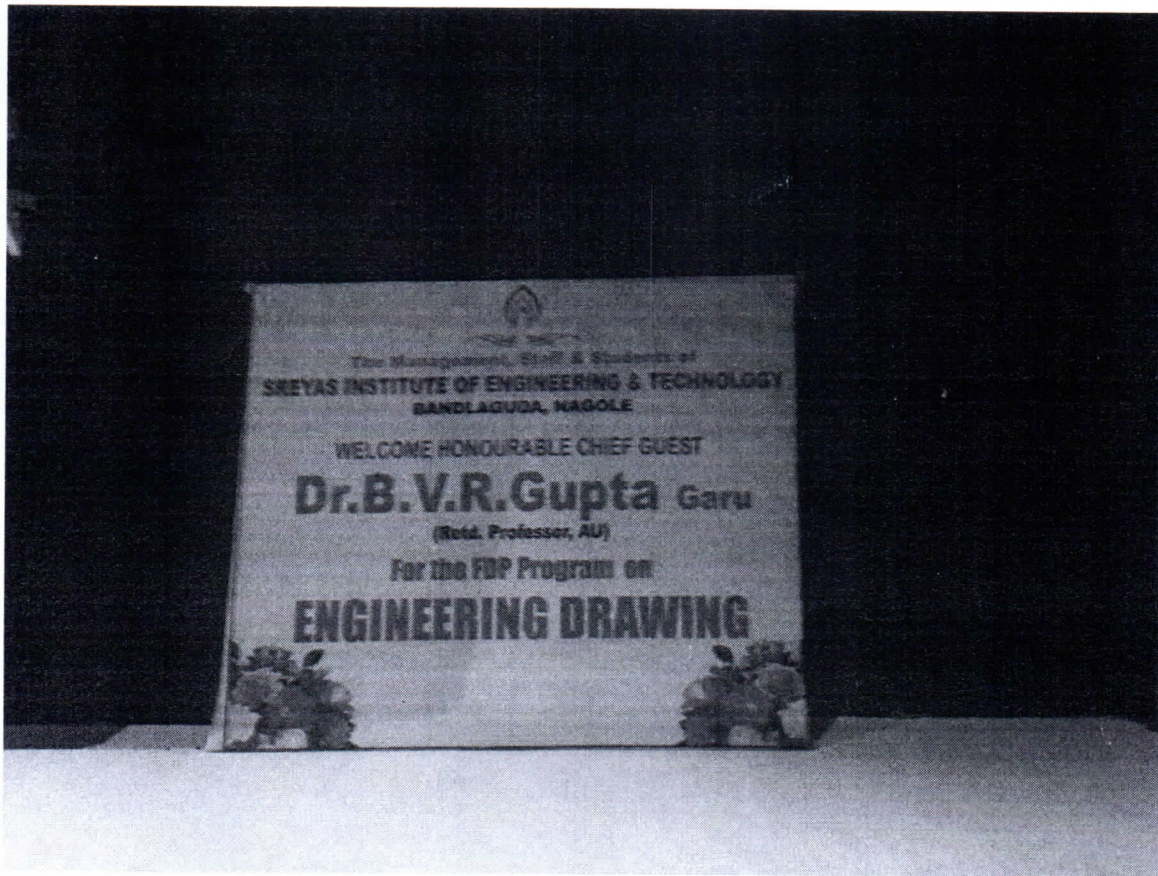
Day 6: Role of CAD in Engineering Graphics

Registration fee Registration fee for each participant (Faculty/ student/ research scholar) is Rs. 100

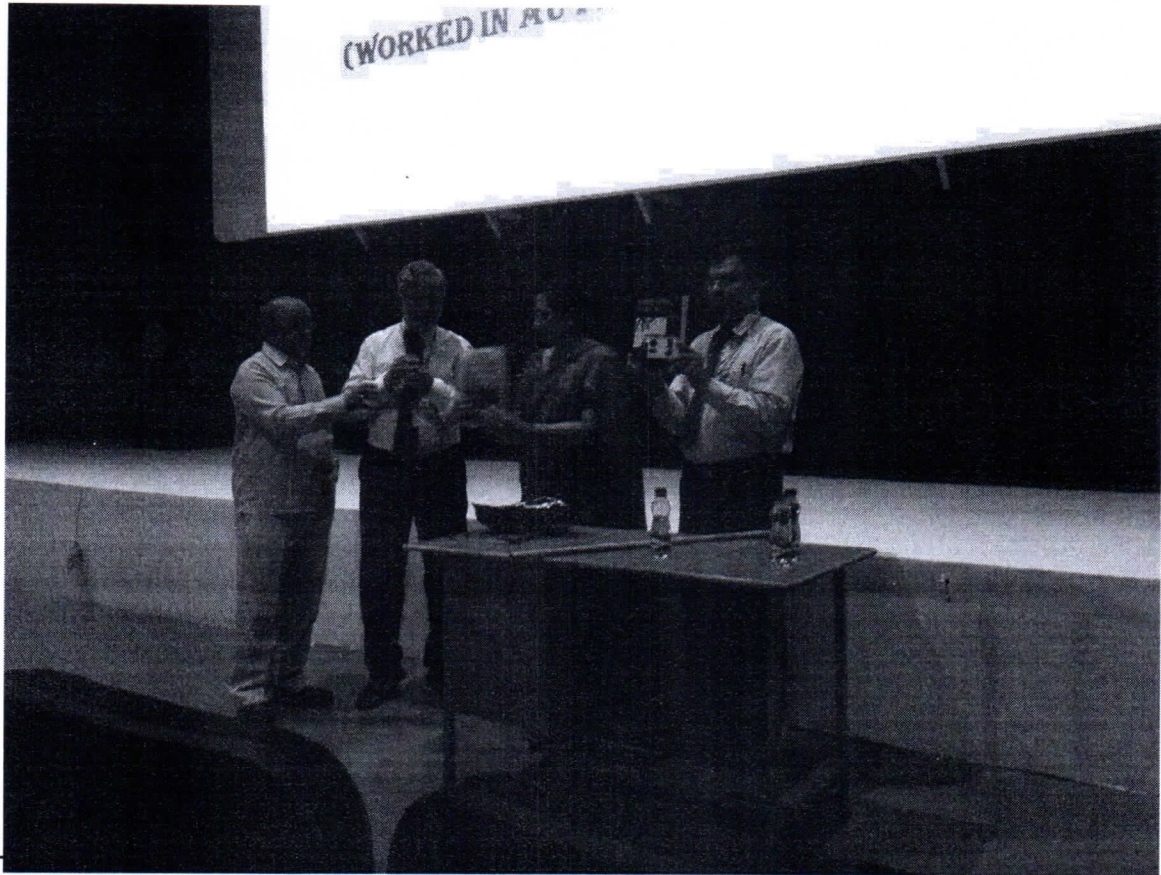
Report on Faculty Development Program on Importance of Engineering Drawing and its Pedagogy

The faculty development program was organized by Mechanical Engineering Department during **20-06-2016 to 25-06-2016**. The invited resource persons was **Dr. BVR Gupta** form **Andhra university** organization. There were 20 external participants from different colleges and institutes and around xx internal participants from Sreyas Institute of Engineering and Technology.

The inauguration program was started on 20-06-2016, 10:00 AM with prayer song and lighting of the lamp by the dignitaries on the dais. The dignitaries on the stage were chief guest **Dr. BVR Gupta**, Dr. Suresh Akella, principal, Mr. A. C S Reddy



Suresh
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DAY-1

Inaugural session of the Engineering Graphics

On 20-6-2016 Opening remarks for the FDP were given by A C S Reddy garu, which was followed by an introduction to the program by **Dr suresh Akella**. He also gave a glimpse of the activities going on in SIET.

Introduction to the FDP and highlights of SIET by Dr. Suresh Akella

Thereafter, the message from Honorable Vice chairman was read out by Mr A. Hriday Reddy

The program progressed with the inaugural lecture at 10:30 am by Mr. Y Krishnaiha

Completion of session 1 day 1 followed by lunch

Prof. Dr. BVR Gupta has given the introduction to Engineering Drawing which includes principles of engineering graphics, conic sections, cycloids and scales.

Completion of session 2 day1

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DAY-2

On 21 -6-2016 Dr. BVR Gupta has given the lecture on Orthographic Projections, Projection of Points, Projection of Lines.

Completion of session 1 day 2 followed by lunch

In Session 2 Y Krishnaiha has given the introduction on Projection of Planes in which plane parallel, perpendicular and inclined to the reference plane .

DAY-3

On 22 -6-2016 Dr. BVR Gupta has given lecture on Projection of Solids which includes the projection of cone, cylinder, pyramid and prism and has briefly given the lecture on sections of solids

Completion of session 1 day 3 followed by lunch

In afternoon session Y krisha has given the introduction on the Development of Surfaces which includes the development of cone, pyramid, cylinder and prism.

DAY-4

On 23 -6-2016 Dr. BVR Gupta has given the lecture on Intersection of Solids, which includes intersection of cylinder vs cylinder and prism vs prism.

Completion of session 1 day 4 followed by lunch


In the afternoon session V Rama Krishna has given the lecture on conversion of 2D to 3D and 2D to 3D.

DAY-5

On 24 -6-2016 Participants Interactive sessions was held with the experts

Completion of session 1 day 5 followed by lunch

Certificate distribution at the concluding session and vote of thanks given by Mr. Y . Krishna


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B.V.R. Gupta profile

B.V.R. Gupta served for 35 years in various capacities at **Andhra University** College of Engineering, Visakhapatnam. After **retirement**, he served as principal in various private engineering colleges in Visakhapatnam
He has published two books.



Asuresh
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to JNTU, Hyderabad)
Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

One-week Faculty development programme on EDA Tools 24th to 29th April 2017

Contact:

Ms. A. PRAVEENA
Assistant Professor, ECE
73860 27171

Convener:

Mr. B. Sreenivasu
HOD, ECE
95022 51564

Ashish
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Schedule of One-week Faculty Development Programme on EDA Tools			
Day-1 (24/April/2017)			
Registration: 9.00 AM to 9.30 AM			
Sl. No.	Topics to be covered	Time	Name of the Resource Person
	Inauguration	9.30 AM to 10.00 AM	
1	Overview of VLSI Design Technology	10.00 AM to 11.30AM	Mr. MANOJ M Scientist – E Research Centre Imarat Hyderabad
2	Design Flow for Digital and Analog IC	11.40 AM to 01.30 PM	Mr. MANOJ M Scientist – E Research Centre Imarat Hyderabad
Lunch Break (01.30 PM to 02.00 PM)			
3	System Architecture Design	02.00 PM to 4.00 PM	Mr. MANOJ M Scientist – E Research Centre Imarat Hyderabad
Day-2 (25/April/2017)			
4	Latest Trends in ASIC Design	09.00 AM to 11.00 AM	Dr. B. PRABHAKAR Associate Professor JNTUH College of Engineering Jagtial, Nachupally, Telangana
Tea Break			
5	Design for Verification	11.10 AM to 01.00 PM	Dr. B. PRABHAKAR Associate Professor JNTUH College of Engineering



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			Jagtial, Nachupally, Telangana
Lunch Break (01.00 PM to 02.00 PM)			
6	Physical Design, Timing Driven, Place and Route and Physical Verification	02.00 PM to 04.00 PM	Dr. B. PRABHAKAR Associate Professor JNTUH College of Engineering Jagtial, Nachupally, Telangana
Day-3 (26/April/2017)			
7	Custom IC Design and Simulation	09.00 AM to 11.00 AM	Mr. C. JOHN MOSES Assistant Professor, ECE, St. Xavier's Catholic College of Engineering, Kanyakumari
Tea Break			
8	Full Custom, Semi-Custom Design	11.00 AM to 01.00 PM	Mr. C. JOHN MOSES Assistant Professor, ECE, St. Xavier's Catholic College of Engineering, Kanyakumari
Lunch Break (01.00 PM to 02.00 PM)			
9	Mixed Signal IC Design	02.00 PM to 04.00 PM	Mr. C. JOHN MOSES Assistant Professor, ECE, St. Xavier's Catholic College of Engineering, Kanyakumari
Day-4 (27/April/2017)			
10	Data Structures for CAD	09.00 AM to 11.00 AM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Tea Break			
11	Optimization Algorithms for CAD	11.10 AM to 01.00 PM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Lunch Break (01.00 PM to 02.00 PM)			
12	Verification through System Verilog	02.00 PM to 04.00 PM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Day-5 (28/April/2017)			
13	Physical Design Flow using Mentor Graphics Tools	09.00 AM to 11.00 AM	Mr. MANOJ M Scientist – E Research Centre Imarat Hyderabad
Tea Break			
14	Schematic, Layout Design Editor	11.10 AM to 01.00 PM	Mr. MANOJ M Scientist – E Research Centre Imarat



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			Hyderabad
Lunch Break (01.00 PM to 02.00 PM)			
15	Hands-on Front-end Design	02.00 Pm to 04.00 PM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Day-6 (29/April/2017)			
16	DFT Compiler, Library Compiler	09.00 AM to 11.00 AM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Tea Break			
17	Research issues in VLSI Design	11.10 AM to 01.00 PM	Dr. B. PRABHAKAR Associate Professor JNTUH College of Engineering Jagtial, Nachupally, Telangana
Lunch Break (01.00 PM to 02.00 PM)			
18	Hands-on Backend Design	02.00 PM to 03.00 PM	Mr. CH S V MARUTHI RAO Associate Professor, ECE, SIET
Valedictory			

PURPOSE OF THE WORKSHOP

This workshop aims to provide an opportunity for the students to learn the concepts and give hands-on Electronic circuit design based on practical considerations. This workshop combines insightful lectures with hands on to reinforce key concepts, simulate the behaviour of simple electronic circuits and fabricate in PCB.

PCB design exists for decades, but its significance is immense in today's age of Internet of Things (IoT). With embedded devices used for connecting IoT, the demand for design of compact PCBs is immense. People are looking for mobile app to serve various day to day applications using least electronic circuitry which calls for the popularity of PCB design.

Various electronic automation tools exist like ORCAD, Multisim, etc. The course covered a in depth study to simulate and analyse an electronic circuit using Multisim. Multisim has a powerful simulation environment suitable for PCB design. This was demonstrated through hands on training and a PCB was designed at the end of the workshop.



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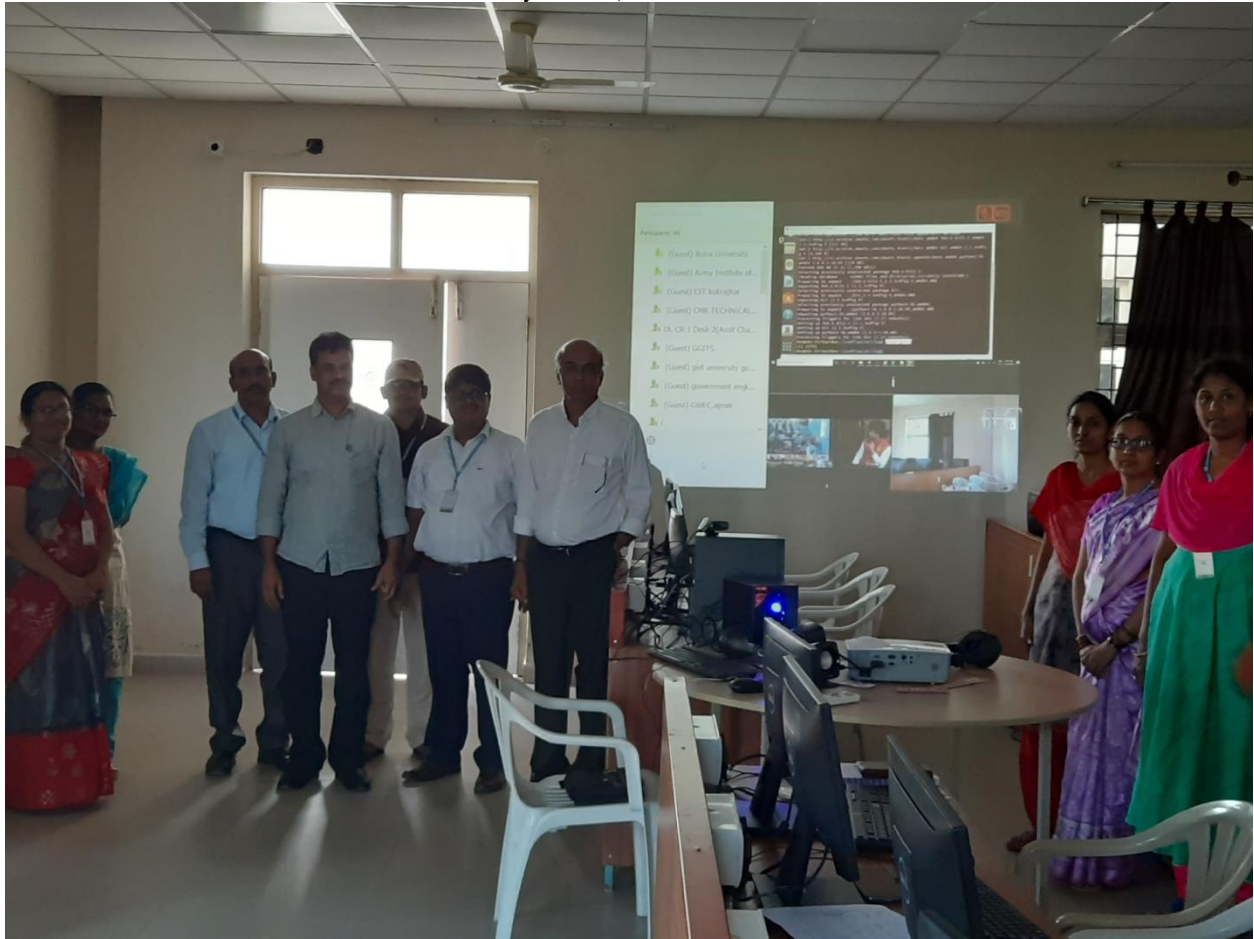
Outcome

Familiarise electronic circuit design and fabrication in PCB



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Few glimpses during the Faculty Development Programme on EDA Tools



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RESOURCE PERSON



Dr. Bitla Prabhakar

B.E.,M.E.,Ph.D MISTE,FIETE

Associate Professor

Electronics & Communication Engineering

JNTU

Areas of Interest:

Signal Processing,

Image & Video Processing and Wireless Communication



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RESOURCE PERSON

C. John Moses

Assistant Professor

Electronics and Communication Engineering

St. Xavier's Catholic College of Engineering

Chunkankadai, Nagercoil, Kanyakumari.

C. John Moses was graduated in Electronics and Communication Engineering in 1996 from Manonmaniam Sundaranar University, Tirunelveli. He obtained his M.E. degree from Madurai Kamaraj University, Madurai in 1999, specializing in Applied Electronics. Currently he is pursuing his Ph. D degree in Anna University, Chennai, under the guidance of Dr. D. Selvathi, Senior Professor, Department of ECE, Mepco Schlenk Engineering College, Sivakasi. His area of specialization is Information and Communication Engineering. He has 2.4 years of industrial experience. He is in the teaching profession for the past fifteen years. Currently, he is working as Assistant Professor of Electronics and Communication Engineering in St. Xavier's Catholic College of Engineering, Chunkankadi, Nagercoil. He has ten international publications in Journals, more than twenty-five papers in International/National Conferences and one book to his credit. His research interests are mainly focused on Reconfigurable Computing, Embedded Computing, Artificial Intelligence, Remote health caring and Image Processing. Further, he is active in the area of VLSI Design and its applications in connection with Processor Architecture and Signal Processing. He has acted as a resource person in various Seminar and Workshop in the field of VLSI Design for Image Processing Circuits. He offered tutorials on ASIC Design, Digital Signal Processing and Xilinx System Generator for Signal Processing. He has acted as coordinator for many workshops, Seminars, International Conferences, and International Assignments like MoU with foreign universities. He visited various technical universities in Malaysia and organized student exposure programs in association with Universiti Sains Malaysia, Penang, Malaysia. He is a professional member of IEEE, Life Member of ISTE and



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Professional Member of IET and ACM. He has acted as Counselor of IEEE Student Branch of SXCCE from 2006 to 2014, Chair of IEEE Madras Education Society Chapter from 2013 to 2015 and currently he is acting as Faculty Sponsor of SXCCE ACM Student Chapter. He received the Outstanding Branch Counselor 2013 award from IEEE, USA. When not engaged in academic thoughts, he prefers to involve in counseling youngsters, music or reading.

A. Suresh
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Department of Electronics and Communication Engineering



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Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

GUEST LECTURE ON AM & FM TRANSMISSION 12TH JULY 2016

Expert talk
By
Mr.M.Manoj

Ashish
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PURPOSE OF THE LECTURE

According to the mission and vision of SIET College, the Department of Electronics and Communication Engineering is one of the premier departments which provide knowledge to the students to meet global and industry requirement. Based on this, we planned to conduct the guest lecture on **AM & FM Transmission** which was schedule on **12/8/2016**.

With respect to that, we circulated notice among students which consisted details about the session through the department. Based on this we got a response of around **85% students** from ECE Department. We had the honor of inviting **M. Murali Krishna** as a guest for the event. It was a wonderful session which exposed students to field practices and all participants got benefited immensely.

Impact Analysis:

To groom our students to meet the industrial requirements and to bridge the gap between industry and curriculum we organized this technical session. Below we have shown which PO's were met on the conduction of this guest lecture.



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Resource Person

Mr. M MANOJ working as a Scientist-E working at VLSI division of DNEC (Directorate of Navigation & Embedded Computers), Research Centre Imarat (RCI), Hyderabad. He is into the Design & Development of Miniaturized electronic systems at RCI.

He has over 16 yrs hands-on experience in the field of Mission Computer Hardware design for Avionics Systems. He has done BE and ME from Osmania Univ. Hyderabad. Presently pursuing PhD in the field of Avionics Communications. He is a review member for hardware implementation using RTL.

He has Architected, Designed and Developed System on Chip ICs based on POWERPC and ARM processor platforms, he has designed & developed various IP Cores like Ethernet, DDR Controller, Avionics IPs like ARINC 429, ARINC 664 AFDX. Has immense expertise and depth of languages like C, C++, VHDL, Verilog, System Verilog, System C and PERL, IC/SoC Design at various process nodes like 90,65,45 and 28nm, ASIC Verification methodologies like VMM, OVM and UVM. He is honored with AGNI DRDO AWARD in 2012 for Achieving SELF-RELIANCE by developing indigenous ICs for missile systems. His paper "SoC's for Miniaturized UAV's" won the best paper award in international Micro-UAV conference.



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Department of Electronics and Communication Engineering



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi | Affiliated to JNTU, , Hyderabad)
Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, 500068

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Guest Lecture on 8 PSK, 16 PSK, QAM 13th December 2016.

Contact:

Dr. M.Ramesh
Assistant Professor,ECE
9986675364



wireless local
area network
(wlan, Wi-Fi)

A. Ramesh
PRINCIPAL

SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.



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PURPOSE OF THE LECTURE

According to the mission and vision of SIET College, the Department of Electronics and Communication Engineering is one of the premier departments which provide knowledge to the students to meet global and industry requirement. Based on this, we planned to conduct the guest lecture on **8-PSK, 16-PSK and QAM** which was schedule on **4/11/2016**.

With respect to that, we circulated notice among students which consisted details about the session through the department. Based on this we got a response of around **75% students** from ECE Department. We had the honor of inviting **Prof. K. Sreenivasa Rao** as a guest for the event. It was a wonderful session which exposed students to field practices and all participants got benefited immensely.

Impact Analysis:

To groom our students to meet the industrial requirements and to bridge the gap between industry and curriculum we organized this technical session. Below we have shown which PO's were met on the conduction of this guest lecture.



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Ashish
PRINCIPAL
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GSI, Bandlaguda, Nagole, Hyd-68.



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Resource person

Dr.M.Ramesh



Research Areas

- FBMC, OFDM, 5G Technologies



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- Wireless Communication
- Signal Processing
- Mobile Communication

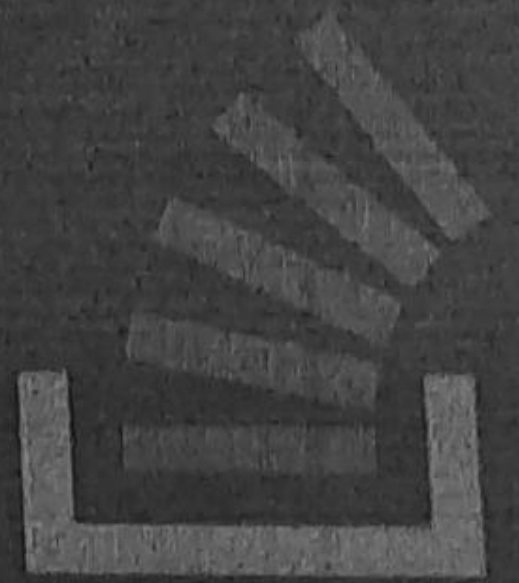


20nd August 2016

GUEST LECTURE
ON
ABSTRACT DATA TYPE
BY

DR. VENKATADRI
PROFESSOR

Organised By
DEPARTMENT OF CSE



Venue : SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bandlaguda, Nagole, Hyderabad, Telangana 500068.

8/20/2016

Program Co-ordinator
A Report on Guest Lecture

Guest Lecture on Abstract Data Types

The Guest lecture was organized by Computer science Department. The main agenda of this session was to get a complete idea on Abstract Data types

This session was carried out by Dr.Venkatadri, professor currently working as professor at TKR college of Engineering and Technology in Computer science department. . Professor has good expertise on programming languages, he has also entitled a book on "Recent Trends in Wireless Networkd."

He has published many international journals and also guiding M.Tech projects. Professor not only gave guest lecture on Trending Technologies but also gave tips on evolving areas like machine leraning, artificial intelligence which was very interesting topic to the students. He has elaborated how the opportunities are now in competitive world. Overall it was an effective talk.

Students took active participation by listening and also noting down the important points given by the Professor. He not only gave lecture on the subject but what kind of projects can also be developed using abstract data types and various subjects. As a token of respect, momento has been presented to the resource person.

The session started from 9:30 a.m and ended with vote of thanks at 1:30 p.



Subana

Program Co-ordinator

CSE

Asuresh
PRINCIPAL
SREYAS INST. OF ENGG. & TECH
BESIDE INDU ARANYA, NAGOLE,
HYDERABAD 500 068

[Signature]
HOD-CSE
SREYAS INSTITUTE OF ENGG.&TECH
Beside Indu Aranya, Nagole, Hyd-068



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Ashish
PRINCIPAL
SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandiaguda, Nagole, Hyd-68.

Abstract
date type

RESUME

Dr.N.Venkatadri

☎ : 9959108829

E-Mail: nagala.venkat@gmail.com

Highlights

NBA and NAAC Work Expertise
AAPSET, 2012 Qualified.
Team work skills
Edited one book entitled "*RECENT TRENDS IN WIRELESS NETWORKS*".

Educational Qualifications

- Ph.D form Vikrama Simhapuri University, SPSR Nellore, A.P-2016.
- M.Tech from Acharya Nagarjuna University, Guntur, A.P- 2010.
- B.Tech, from Jawaharlal Nehru Technological University, Hyderabad-2005.
- Diploma from G.I.P.D.C.E.&T, S.B.T.E.T, Hyderabad-2002.
- SSC from Z.P.H.S, Board of Secondary Edu. Hyderabad-1999.

Professional Experience: 10 Years

- September 17th to till date working as Professor, TKREC, Hyderabad. S
- ep, 2010 to 26.08.16 worked as Research Scholar, Vikrama Simhapuri University, Nellore, A.P. J
- une, 2007 to June, 2008 worked as Asst.Professor,N.B.K.R IST, Vidyanagar. J
- une, 2006 to June, 2007 worked as Lecturer, DRW College, Gudur J
- une, 2005 to June, 2006 worked as Programmer, ASCET. J

Asuresh
PRINCIPAL
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HYDERABAD-500 068

Research Papers Published

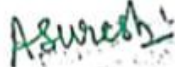
1. K.Sateesh Kumar and N.Venkatadri, "Intellectual Genetic Swarm Optimization Method For Software Reliability Growth Enhancement", IJSART - Volume 4 Issue 2 -FEBRUARY 2018.
2. N.Venkatadri, " Optimizing Hadoop's Performance by Segregation", International Journal Research (IJR), Vol.4, Issue 5, 2348-6848.
3. Geervani1 , S. Kavya2 , K. Abdul Hannan3 , N. Venkatadri, "ANALYSIS OF BIG DATA PROCESSING BY DISTINCT USE OF HADOOP'S MAPREDUCE", International Journal of Research(IJR), Vol ume 04 I s s uc 05, I SSN: 2348 -6848.
4. D. Sindhoori, E. Ramya Sree, G. Sharath Reddy, N. Venkatadri, "*SOCIAL NETWORKING SITE DETECTING CYBERBULLYING WORDS*", *International Journal of Research (IJR)*, Vol ume 04, I s s uc 05, p-I SSN: 2348 -6848.
5. P.Naresh Kumar, N.Venkatadri, K.Ramesh Reddy, "Performance Analysis of On-Demand Routing Protocols using NS2", International Journal of Engineering Trends and Technology (IJETT), Volume-40 Number-7, October, 2016.
6. N.Venkatadri and K.Ramesh Reddy, "Secure TORA: Removal of Black Hole Attack Using Twofish Algorithm", IEEE Xplore, August, 2016.
7. Mamillapalli Vineesha and N.Venkatadri, " A New Model for Competition and Cooperation Among Cloud Providers", International Journal of Research (IJR), Volume 02 Issue 09 October 2015.
8. J.Siva Reddy and N.Venkatadri, "Improved Adaptive Position Update for Geographic Routing in Mobile Ad Hoc Networks", International Journal of Electrical, Electronics and Computer Systems (IJEECS), ISSN (Online): 2347-2820, Volume -3, Issue-10 2015.
9. N.Venkatadri & N.V.Natraj, " Towards Difference Request Facilities in Cost-Efficient Clouds", International Journal of Research (IJR) e-ISSN: 2348-6848, p- ISSN: 2348-795X Volume 2, Issue 09, September 2015.
10. S.Manikanth & N.Venkatadri, " A survey enabling data integrity protection in regenerating coding based cloud storage International Journal of Research (IJR) e-ISSN: 2348-6848, p- ISSN: 2348-795X Volume 2, Issue 10, October 2015.
11. N.Venkatadri and A.Chaitanya, "Implementation of Automatic Test Packet Generation", International Journal of Research (IJR), Volume 02 Issue 09 October 2015.
12. N.Venkatadri and N.V.Bhargava Reddy, "Protection Assessment of Design Classifiers under Attack International Journal of Research (IJR) e-ISSN: 2348-6848, p- ISSN: 2348-795X Volume 2, Issue 09, September 2015.

Asuresh
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SREEVAR HOSPITALITY & TECH
RESIDE HINDU AKADEMY, MAGOLE
HYDERABAD-500 083.

13. Ch.Haritha and N.Venkatadri, "Consistency as a Service: Auditing Cloud Consistency", International Journal of Research in Advanced Computer Science Engineering (IJRACSE), Vol. 1, Issue 4, Sep, 2015.
14. N.Venkatadri and K Ramesh Reddy, "Detection and Prevention of Black Hole Attack using Trust-TORA", IRACST - International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501 Vol.5, No.2, April 2015.
15. N.Venkatadri and K Ramesh Reddy, " Performance Metrics Comparison for On-demand routing Protocols using NS2", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 3, March 2015.
16. N.Venkatadri, K.Ramesh Reddy, "Performance Evolution of DSR, AODV and TORA using ViSimulator", International Journal of Graphics & Image Processing, Vol: 3 , Issue 3, Aug,2013.
17. K.Ramesh Reddy, S.Venkata Raju , N.Venkatadri," Reactive, Proactive MANET Routing Protocol Comparison", International Journal of Video &Image Processing and Network Security IJVIPNS-IJENS Vol : 12 , Number:05.
18. N.Venkatadri, K.Ramesh Reddy ,"On-Demand MANET Routing Protocols Performance", International Forum of Researchers Students and Academician, Vol 1, issue 2, August, 2011.

Research Papers Presented

1. **N.Venkatadri**, P.S.Nitin and K.Ramesh Reddy, " Prevention of black hole attack using symmetric key algorithm", National Seminar on Digital literacy for students", 19-20 August,2016 organized by Dept. of CS, Dravidian University, kuppam.
2. **N.Venkatadri and K.Ramesh Reddy**, "Secure TORA: Removal of Black Hole Attack using Twofish Algorithm", 6th IEEE International Advance Computing Conference (IACC - 2016) 27-28 February 2016, S R K R Engineering College, Bhimavaram, Andhra Pradesh, India.
3. **N.Venkatadri**, K.Ramesh Reddy and Sarika Jain, "Detection and Prevention of DOS Attack in TORA ", National Conference on Wireless Communications" 15-16, Mar 2014 organized by Dravidian University, Kuppam.
4. **N.Venkatadri** , K.Ramesh Reddy, " OPNET vs NS2 Comparison with MANET Protocols", National Conference on Emerging Trends in Information and Communications Systems security", 27-28 August, 2011 organized by Dept. of CS , V.S University.


 A. Suresh
 Associate Professor, V.S. University
 Kuppam, Nellore District, Andhra Pradesh
 Ph: 98491 12345, 98491 67890

5. K.Ramesh Reddy, B. Sarojamma, C. Subba Rami Reddy and N.Venkatadri, "Measurement Of Crime Technical Efficiency: A DEA Approach", National Conference on Applications of Mathematics in engineering Sciences", NCAMES-2011, 29 and 30 June, 2011 organized by Andhra University.

Declaration

I hereby declare that all the statements made in the above application are correct to the best of my knowledge and brief.

Date:

Place:

Signature

(Venkatadri Nagala)

Asuresh
PRINCIPAL
SECRETARIAT OF ENGG. & TECH.
BESIDE HINDU COLLEGE, NAGOLE,
WINDHRA-500 088.



29th December 2016

GUEST LECTURE
ON
SCRIPTING AND HTML

BY
DR. PADMAJA
PROFESSOR

Organised By
DEPARTMENT OF CSE

Venue : **SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Bandlaguda, Nagole, Hyderabad, Telangana 500068.



INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Hyderabad | PIN: 500068

PURPOSE OF WORKSHOP

To design your own application using old and new features of HTML5 and CSS3. To create advanced navigation and test your website. To incorporate metadata and multimedia graphics, audio and video.



SREYAS Institute of Engineering & Technology

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Hyderabad | PIN:500068



Ashish
PRINCIPAL
SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.

RESUME

PADMAJA.PULICHERLA

E-mail : padmaja.j2ee@gmail.com.,

Mobile : 91- 9010570176

Career Objective :

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

Work Experience :

- Working as Professor in TKR Engineering College from April 2015 to till date
- Worked as an Asso.Professor(guest) in A.S.R.I.TCollege, WestGodavari Tanuku, from September 2011 to March 2015.
- Worked as an Asst.Professor in Acharya Nagarjuna University., Ongole., from September 2009 to September 2011.
- Worked as a H.O.D in the Department of Computer Sciences in Malineni Lakshmaiah Engineering College., SingarayaKonda., from 2008 June to September 2009.
- Worked as a Lecturer in the Department of Computer Sciences at Bapatla Engineering College., Bapatla, from 2007 July to 2008 May.
 - Worked as a Software Engineer in Pragma Software Solutions, Hyderabad, from 2004 June to 2007 July.

Experience Summary:

3 years of experience in Software Industry and 9 years of experience in Teaching Field.

Educational Profile:

Examination Passed	University/Board	Year	% Marks Obtained	Class
Ph.D	Acharya Nagarjuna University	2016		
M.Tech	Acharya Nagarjuna University.	2009	76 %	Distinction
M.C.A	Andhra University.	2004	70 %	Distinction

Asuresh
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HYDRABAD-500 068

Academic Profile :

- Awarded Ph.D in the Department of Computer Science and Engineering, A.N.U., A.P(India).
- Ractified in August 2007 at Bapatla Engineering College.
- Participated in NACCwork in November 2008.,when working in M.L.E.C.

Technical Skills :

Programming languages : C, C++, JAVA
Backend : ORACLE 9i
Operating System : Windows

Field of interest: Object Oriented Technology, Software Engineering, Operating Systems, Algorithms, Data Structures, Artificial Intelligence and Mathematics.

Subject Taught :

Object Oriented Programming using Java, Operating Systems, Software Engineering, Artificial Intelligence, Web Technology.

Personal Profile :

Name : Padmaja Pulicherla
Father Name : P.Sivannarayana
Mother Name : P.SriRajeswari
D.O.B : 06-06-1980
Gender : Female
Marital status : Married.

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BESIDE INDU ARANYA, NAGOLE,
HYDERABAD-500 068.



8th December 2016

GUEST LECTURE

ON

PHP-LAMP

BY

MR. K. KISHORE BABU

DIRECTOR, SAIPATHAM WEBTEK LLP

Organised By

DEPARTMENT OF CSE

Venue : SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bandlaguda, Nagole, Hyderabad, Telangana 500068.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Report on Guest Lecture

Guest Lecture on PHP-LAMP

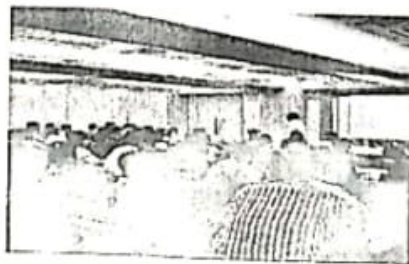
The Department of Computer Science, Sreyas Institute of Engineering and Technology organized a Guest Lecture on "PHP-LAMP" on 8th december 2016 at Seminar hall.

The Resource Person was Mrs. Kishore Babu, Director, Saipatham, Webtek, LLP. He briefed the students on PHP and its use in corporate field. He shared his professional experience, elaborated many concepts regarding java and C language with real life examples and gave idea about current trends in company regarding PHP.

He started with basic concepts in PHP gave a practical session on classes, objects related to the syllabus examples. The session was informative, very benefiting, operators, relational operators. She then gave a very indepth concepts of classes and objects, inheritance, polymorphism, encapsulation and interfaces.

The students gave excellent feedback and requested Vinayak Giri to conduct one workshop on PHP and Android on Campus.

The lecture started around 9:00 A.M and ended around 1:35 PM. The lecture was received with admiration by the students and they also found the slides appropriate. The event ended with honorarium to the guest and vote of thanks.



[Signature]
Program Co-ordinator

Asweth
PRINCIPAL
SREYAS INST. OF ENGG. & TECH
BESIDE PLOU INDUSTRIAL AREA,
INDU ARANYA, NAGOLE, HYD-688

[Signature]
HOD
HOD-CSE
SREYAS INSTITUTE OF ENGG.&TE
Beside Indu Aranya, Nagole, Hyd-688



SREYAS Institute of Engineering & Technology

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Hyderabad | PIN:500068



Ashish
PRINCIPAL
SREYAS INSTITUTE OF ENGG.&TECH.
9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandiaguda, Nagole, Hyd-68.

PROFESSIONAL PROFILE

Current Employer : Salpatham Web Tech
Title : Director
Dates of employment : 23rd January 2012 to Till date

Previous Employer : IGate
Title : Software Engineer
Dates of employment : SEP 2006 to January 2012

EDUCATION

- BE in Computer Science at Pt. RaviShankar Shukla University, Raipur(C.G) with 62% in 2004
- Higher Secondary in MPC from MP Board with 65% in 1999
- High School from MP Board with 64% in 1997

PROJECTS

Project : P&G Voyage
Client : P&G (Procter and Gamble)
Technology/Software : SAP NetWeaver Portal 7.31/7.5 and Web Dynpro for Java, UI5, FIORI
Duration : October 2016 - Till Date
Role : Senior SAP UI5/ Fiori and Portal Lead Consultant

Responsibilities:

- Involved on migration activity of NetWeaver Portal from NetWeaver 7.31 to NetWeaver 7.5
- Developed Custom application using SAP UI5 by consuming Odata services.
- Development and designing Charts, Chart Frames and Geo Graphics, XML Views with Smart Forms, Forms and Responsive Layouts with Filters and designing List, Responsive Table and Smart Table.
- Coordinated with Basis team to install/configure SAP NetWeaver Gateway landscape for enabling SAP Fiori and custom UI5 apps
- Developed FIORI application using SAP UI5 and SAP web IDE
- Coordinating with onsite managers, third party vendors to ensure smooth delivery
- Responsible for deliverables, co-ordination between build, UI and testing team
- Working on RFP's for newer projects in pipeline

Project : Metro Risk Check - Limit Check Process
Client : METRO Group
Technology/Software : UI5, FIORI, SAP Net Weaver Portal and BPM, BRM, Web Dynpro for Java, NWDI
Duration : May 2014 - October 2016
Role : SAP UI5/ Fiori, BPM and Portal Lead Consultant

Responsibilities:

- Architectural Setup and technical design flow for the custom apps.
- Developed Custom application using sap UI5.
- Development and designing XML Views with Smart Forms, Forms and Responsive Layouts with Filters and designing List, Responsive Table and Smart Table.
- Developed reusable UI's like Fragments and Dialogs.
- Developed UI using Resource Model for translations and implementing Routing concepts along with data transport.
- Design the architecture of BPM process and BRM rules.

Aswathi
RESUME REVIEWED BY: [Signature]
DATE: [Date]

- Design & Development of application using Web Dynpro Java
- Involved in the requirements gathering and preparation of Technical Specification.
- Leading the Development team.

Project	: 1TMD (One Touch Master Data) Portal Development
Client	: P&G (Procter and Gamble)
Type	: BPM and Portal Development
Technology/Software	: SAP Net Weaver Portal 7.3 and BPM, Web Dynpro for Java, NWDI
Database	: Oracle 10g
Duration	: May 2013 - April 2014
Role	: BPM and Portal Consultant

Responsibilities:

- Design the architecture of BPM process
- Involved in preparation of Business Blueprint document
- Design & Development of application using Web Dynpro Java
- Deployment and Integration of Web Dynpro applications into Portal
- Unit and Integration testing of all portal applications
- Support during User Acceptance test cycle

Project	: NIS (New Item Setup) Portal Development and Maintenance
Client	: The Clorox Company
Technology/Software	: SAP Net Weaver Portal 7.2 and BPM, Web Dynpro for Java, Visual Composer, NWDI
Duration	: February 2012 - April 2013
Role	: BPM and Portal Consultant

Responsibilities:

- Design & Development of application using Web Dynpro Java
- Developments and maintenance of BPM
- Portal Administration and Development
- User & Role Management
- Developments using Visual Composer
- Involved in the requirements gathering process with client and preparation of CR docs.

Project	: SAP Support Service for Serco Solution Clients
Client	: Serco Solutions, UK
Technology/Software	: SAP Net Weaver Portal 7.0 and Web Dynpro for Java, NWDI, Remedy
Duration	: June 2010 - January 2012
Role	: Portal Consultant

Responsibilities:

- Working with HR functional consultant for the ESS/MSS related issues
- Administration and configuration of the ESS and MSS related services
- BI Portal administration
- Portal Administration and Development
- User & Role Management
- Portal Customization and Personalization
- JCO & SLD configuration related issues
- SSO configuration and related issues

Asuresh

CERTIFIED SAP PORTAL CONSULTANT
 MEMBER OF THE SAP PORTAL CONSULTANTS ASSOCIATION (MPCOA)
 www.mpcoa.com

- Support of Knowledge Management content
- Development & Support of Web Dynpro for Java using NWDI

Project	: ROHM and HAAS Portal Maintenance & Support
Client	: DOW Chemicals (ROHM And HAAS), USA
Type	: Maintenance & Support
Technology/Software	: SAP Enterprise Portal 7.0 SP18, KMC, Web Dynpro for Java and ABAP
Duration	: Oct 2007 - May 2010
Role	: Portal Developer

Responsibilities:

- Creation and maintenance of PCD objects in Portal landscape
- Enterprise Portal Personalization and Customization
- Administration of KM & Collaboration Repositories
- Development of Customized Search user Interface using WebDynpro for Java
- Development of Customized Report for High Priority Requests using WebDynpro for Java
- Requirement Analysis gathering, uploading & maintaining content to KM repository
- Creation of new Indexes using TREX search engine
- Single point of contact for Onsite team
- Handling of Help Desk Tickets

Project	: CCNA 3 rd Party Solution - ESupplyChain
Type	: Development
Client	: The Coca-Cola Company, USA
Technology/Software	: SAP Enterprise Portal NW04, SAP WebDynpro, SAP R/3 4.6 and SAP ECC5.0
Duration	: Feb 2007 -Sept 2007
Role	: Portal Developer

Responsibilities:

- Design & Development of application using Web Dynpro Java
- Deployment and Integration of Web Dynpro applications into Portal
- Development of Web Dynpro applications using Adaptive RFC model
- Creation & Design of Portal Objects as per the requirements from client
- Configuration of SSO, Role & User Management
- Enabling Portal Personalization and Customization
- Customizing the Portal Branding, Masthead & Login pages as per the requirements
- Unit and Integration testing of all portal applications
- Support during User Acceptance test cycle
- Transports of Portal Objects to Quality and Production during cut-over
- Post production support

Project	: e-Sourcing Portal (Talent Grid)
Client	: Patni Computer (In house)
Type	: Development
Software	: Java, JSP, Struts, Oracle, Eclipse 3.0 and Tomcat 5.0.30
Duration	: Sep 2006 to Feb 2007
Role	: Team Member

Responsibilities:

- Analysis the requirements and creation of the Requirement Analysis documents
- Creation of Design specifications

Asuresh
 PROJECT MANAGER
 PROJECT MANAGER
 PROJECT MANAGER

PHP } LAMP


- Creation of Solution & HLD documents
- Development & Unit Test of the applications
- Test case & Test Plan preparation

PERSONAL DETAILS

Date of Birth : 21st April 1982
Marital Status : Married
Languages Known : Hindi, English
Mobile No : +91-9968032221
Email : kishorebabu@webtech.com
Address: : LB Nagar

[K Kishore Babu]

A. Suresh
REGISTERED MEMBER
REGISTERED MEMBER
REGISTERED MEMBER


Sreyas Institute Of Engineering & Technology
 Department of Computer Science


CATCH YOUR STUFF
 your one click away

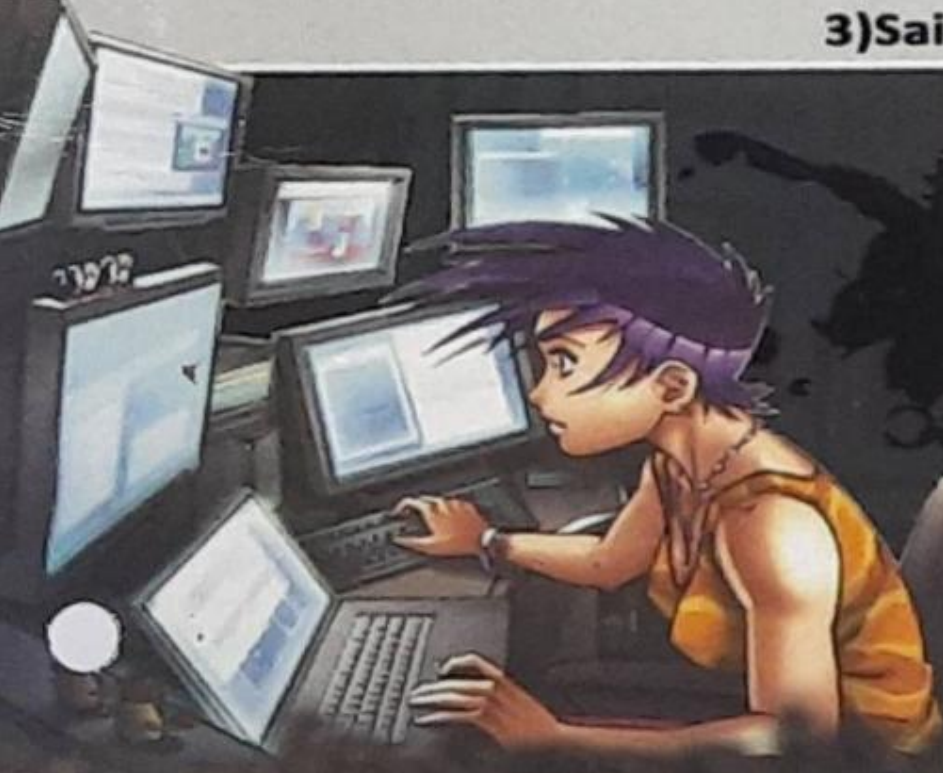

Kyrion
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Ethical Hacking Workshop

Topics to be Covered

- | | | |
|---------------------|-----------------------|------------------|
| Concept of Hacking | Trojans & Viruses | Wireless Hacking |
| Attacks on E-mail | Targeting WebApps | Windows Hacking |
| Reverse Engineering | Virtualization | Cyber Law |
| | Mobile & VOIP Hacking | |

Venue: Sreyas Institute Of Engineering & Technology
Date: 27th & 28th February 2017
College Co-ordinators: 1)B.Ajay (8977649434)
 2)U.Sri Hari Datta (7799454522)
 3)Sai Teja (9989689796)



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Patron:
 Shri.Ch.Ravindranath (Secretary)
 Shri.N.Sharath Reddy (CEO)

Honorary Members:
 Shri.A.Hriday Reddy (Vice Chairman)
 Dr.P.N.Murthy (Academic Director)
 Dr.Suresh Akella (Principal)
 Dr.Shaik Syed Basha (IQAC.Director)

Guest of Honour:
 Dr.K.Avinash (HoD,H&S)
 Mr.B.Sreenivasu (HoD,ECE)
 Mr.A.C Sekhar Reddy(HoD,Mech)
 Mr.Lalith Kumar Singh (HoD,Civil)

Convenor:
 Padma Joshi (HoD,CSE)
Co-Convenor:
 Mr.G.Sravan Kumar

TRANIEE PROFILE

Mr. Harminder Singh

He is Information Security Consultant and Lead Trainer for Kyrion Technologies Pvt Ltd.

With over 7.5+ years of notable, high-profile information security experience, he is focused on assisting Kyrion's key clients with network and application security management, he also speaks at conferences across the country on topics related to network security, server security policy, ethical hacking and penetration testing. As a senior team member, He also advises on client services and technology development within the group.

He has academic, research, and professional experience in Information Warfare, Network Design and Security, Honeypots, Linux-based System Administration, Wireless Security, Penetration Testing, Vulnerability Assessment, Information Security Trainings, Quality Technical & Commercial Proposal Development, and Project Management.

He likes to experience other cultures and insights and is eager to assess and explore different information security related issues and pragmatic solutions across the world.

Been a speaker in various Information Security Conferences at Top Engineering Colleges in India. Some of them are as follows:

- Indian Institute of Technology, Delhi
- Indian Institute of Technology, Kanpur
- Indian Institute of Technology, Mumbai
- Indian Institute of Technology, Madras
- Indian Institute of Technology, Kharagpur
- Indian Institute of Technology, Roorkee
- Indian Institute of Technology, Guwahati
- Indian Institute of Technology, Hyderabad
- Manipal Institute of Technology, Manipal
- National Institute of Technology, Surathkal
- National Institute of Technology, Warangal more than 300 different colleges

Lectured in more than 20 Corporate Training Programs on Web Application Penetration Testing and Network Penetration Testing. Some of them are as follows:

- Indian Air Force
- Indian Navy
- UP Anti-Terrorist Squad
- ZenTest Labs, Pune
- Tavisca Solutions, Pune
- HCL Infosystems

Handled various Network Security and Web Application Security Penetration Testing projects including IDP IELTS India, eGiftApplications, Online Shopping Portals, etc.



▶ **Two Day Workshop on
"Ethical Hacking"**

Report

Ethical Hacking workshop was organized by department of Computer science and Engineering, Sreyas institute of Engineering and Technology during 27.02.17 and 28.02.17. This workshop has had happened for two days.

The Inauguration function has been started by a soothing devotional song by one of the students SIET. Continuing with that, Principal Dr.Suresh Akella, SIET, HOD's of various departments, faculty and participants were present. In the inaugural speech Ms.Padma Joshi, HoD, CSE conveyed the importance of Ethical hacking has the ability to suggest proper security tools that can avoid attacks on the networks. Thus, ethical hacking can help in testing the networks by finding out various vulnerabilities. In ethical hacking, a user will get permission to access the important data.

Mr.Harmander singh, professional consultant attended as resource person for the workshop. In the workshop the topics covered are : Vulnerability testing, Network evaluations, Red-team exercises, Penetration testing, Host vulnerability assessment, Vulnerability assessment.

His lecture was very interesting and interactive, made the students practically involve in it. The students showed interest and asked the co-coordinator to conduct these workshops more often.

The valedictory ceremony was conducted on 28.02.2017 at 4.00 P.M. The valedictory session was addressed by Ms. Padma Joshi, HoD, CSE, SIET.

Asuresh
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HYDERABAD, 500084

[Signature]
HOD-CSE
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Reside Indu Aranya, Nagole, Hyd-068

Impact Analysis

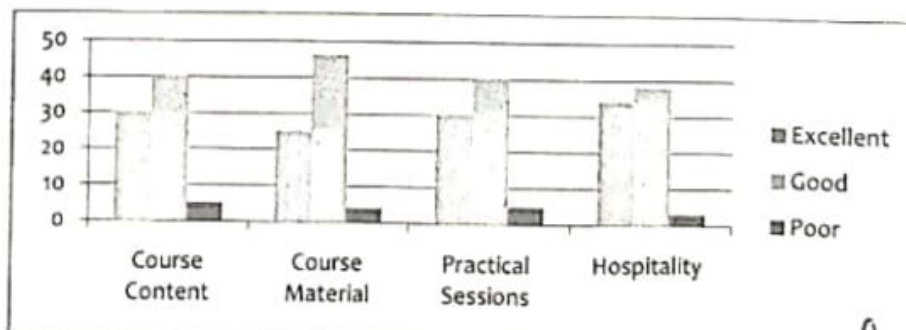


A Two Day Workshop on Ethical Hacking 28th & 29th Sep, 2017

"As the world increasingly interconnected, everyone shares the responsibility of securing cyberspace.----Newton Lee"

The conception of organizing this workshop is that students having the interest towards cyber security and

- Hacking is not about the illegal things it's all about how to secure your cyberspace and system from attacks. In this workshop cyber ethics, email hacking & security, malware attacks, windows system attacks, online data Investigation, credit card frauds & Cases, playing with google by Google hacking, android mobile hacking etc. topics will be covered.
- This workshop aims to give Technocrats a basic knowledge of hacking and how to protect your system against hazardous effects.
- Students got an exposure to "Ethical Hacking" the latest tools and methods being used by cyber criminals & terrorists and how ethical Hackers can fight them.
- They came to know vulnerability how attacks bypass your second step verification security of email within seconds.
- The resource person has advised Career guidance and scope of cyber security to the students. Many students have implemented the projects in the field of cyber security.
- Some of them have implemented in their mini and major projects which include ICMP based attacks, Cipher texts.
- The students have undertaken some projects on Ethical Hacking like "Privacy intrusion avoidance of Medical data in cloudlet".
- Students have shown interest in certifications and got certified in Ethical Hacking.



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Indu Aranya, Nagole, Hyderabad



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Hyderabad | PIN:500068



Ashish
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9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.

Workshop

Ethical Hacking
TRANIEE PROFILE

Mr. Harminder Singh

He is Information Security Consultant and Lead Trainer for Kyrion Technologies Pvt Ltd.

With over 7.5+ years of notable, high-profile information security experience, he is focused on assisting Kyrion's key clients with network and application security management, he also speaks at conferences across the country on topics related to network security, server security policy, ethical hacking and penetration testing. As a senior team member, He also advises on client services and technology development within the group.

He has academic, research, and professional experience in Information Warfare, Network Design and Security, Honeypots, Linux-based System Administration, Wireless Security, Penetration Testing, Vulnerability Assessment, Information Security Trainings, Quality Technical & Commercial Proposal Development, and Project Management.

He likes to experience other cultures and insights and is eager to assess and explore different information security related issues and pragmatic solutions across the world.

Been a speaker in various Information Security Conferences at Top Engineering Colleges in India. Some of them are as follows:

- Indian Institute of Technology, Delhi
- Indian Institute of Technology, Kanpur
- Indian Institute of Technology, Mumbai
- Indian Institute of Technology, Madras
- Indian Institute of Technology, Kharagpur
- Indian Institute of Technology, Roorkee
- Indian Institute of Technology, Guwahati
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Aswath
PRINCE 2
CERTIFIED INFORMATION SECURITY SPECIALIST
CERTIFIED ETHICAL HACKER
CERTIFIED PENETRATION TESTER

HH



IIT BHUBANESWAR
Neuromancer



AICRAD Study
Transforming Technology Through Innovation

TWO DAY NATIONAL LEVEL WORKSHOP

on
Building Mobile Apps. Advanced Methods
7th & 8th Feb, 2017

at
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY
Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad

in Collaboration with
IIT, Bhubaneswar and IFC3 India

Venue: Auditorium of Sreyas Institute Of Engineering & Technology.
Registration Fee: Rs. 800/- Per Participant



COURSE CONTENT

- Android Architecture.
- Importance of Open source software
- Eclipse, ADT & Emulator.
- Deploy Applications onto Phone
- Introduction to XML.
- Working with the Application.
- Layouts, Intents & Database.
- SQLite Database.
- Introduction to SQLite Manager.

Day 1:

- What is Android?
- Why is Android important to you?
- Eclipse, ADT & Emulator.
- Packages, Android Manifest file.

Day 2:

- Creating an Activity & Activity Life Cycle.
- Background Colours & Images
- SQLite Database.
- Relative Layout with login Screen.
- Page Navigation Application

Chief Patron:

Shree. A.Vinayakumar Reddy (Chairman)

Patron:

Shree. Ch. Ravindranath (Secretary)

Shree N. Sharath Reddy (CEO)

Honorary Members:

Shree A. Hriday Reddy

Dr.P.N.Murthy, (Academic Director)

Dr. Suresh Akella Ph.D (Principal)

Shaik Syed Basha (IQAC .Director)

Convenor:

Padma Joshi. (B.E, M.Tech, Ph.D in CSE) (HoD, CSE)

Co-Convenor:

Mr. G. Sravan Kumar (Ph.9441926953)

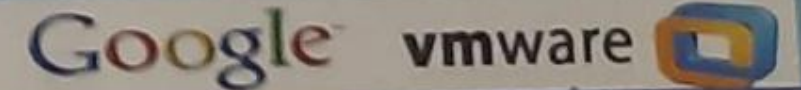
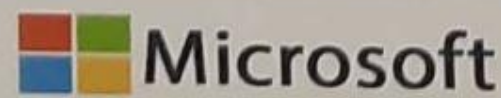
Faculty Coordinators:

Ms.Venkatalakshmi, Ph.7893646494

Mrs.Deepika, Ph.9912538433

Mr. G.Anil kumar, Ph.9154036956

Mr.Rohith Kumar, Ph.9700224460



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Building apps Advancing



2. Title: Android application for entering all the details for a particular case and getting it registered in Database ,Thereby providing another interface for fetching the records on the basis of a single key value and displaying it on a ListView so as to provide the facility of deleting the records also.

- Description:**
1. Database using SqliteOpenHelper class and sqlliteDatabase(obj)
 2. ListView (using listActivity).
 3. Intent (bundle class) for passing key values for query from one activity to the other activity.
 4. Adapter class (for representing the data coming from database).
 5. Content Provider class(for entering data into database)
 6. Cursor class(for fetching out the values from database)

3. Title: Building a login and registration pages on Andorid platform, and providing user a detailed view of the content in a Therby providing a facility of switching from one to other activity.

- Description:**
- (1).Thread implementation (Handler class) for Automatic Switching between the activity.
 - (2). ListView (Costomized listView)
 - (3). Adapter class(for getting the value)
 - (4). Bundle class ,for data passing activity between activities.
 - (5). Db helper class for the database class

4. Title: Solving a Travelling salesman problem (N-P hard) by using a genetic Algorithm.

Description: Algorithm to this problem basically includes three steps.

1. Collection of genes from genes pool.
2. Arrange the genes in different chromosomes and make simple crossover using SCX algorithm
3. Mutation involves the rand() function to mutate the two chromosomes so as to produce child of better health.
After the mutation process also it is not so confirmed that the health of the chromosomes produced is toofit.

5. Title: Login and Registration page for a particular website.

Description: This project uses html and php (server side scripting language) for building the web pages . Php is used to make the Website dynamic therby facilltating the login and registration of all the user within the website . Database us for the site is MySql . Local server used for the application is Apache tomcat server SERVER: WAMP I.D.E: CSS DREAMWEAVER.

6. Title: Website for developing a basic management system for maintaining all the records of employee as per their division and designation hence providing them access to their own account only.

Technology Partner



AICRAD Study
Transforming Technology Through Innovation

Address: B-19, Sector 14, Old DLF, Gurgaon, Haryana 122001, www.aicrads.com, +91-7065557901/2/3/4

Impact Analysis



A Two Day Workshop on Building Mobile Apps using Advanced Methods 7th & 8th Feb, 2017

- Mobile Application Development workshop is to examine the principles of mobile application (app) design and development. It is a project-oriented course which includes app design for different mobile platforms such as iOS, Android and Windows based on the latest versions and trends available.
- Described all aspects of mobile programming which make mobile programming unique compared to other platforms
- Gave an exposure to design mobile applications for a company or individual profit.
- This Workshop gave a thorough understanding of the motivation, requirements, functionality, possibilities, and limitations mobile app development and design
- The prime motive is to Implement an Android application using advanced phone features and apply prototyping approaches in order to develop complicated mobile interfaces.
- Conducted Hands-on session and Group activities for students which developed an idea to develop "Bus Tracking System for students" of SIET.
- Students also showed interest to develop applications for their Mini Project and also for Major Project. The Projects are very Interesting like Shuffle game, E-Swach Bharath etc.



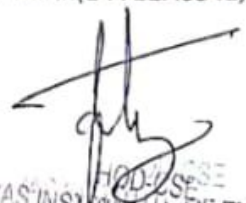
Abhinay Gundari
2017

Abhinay Gundari, 2017 passed out is an Android Developer

*"A very informative and valuable two days. The Conception and Confidence came to teach students regarding apps. Many Projects have been done after this workshop.----
Dr.M.Purushotham, Professor, SIET"*

"This entire two days was one of the best I've ever spent. The talk was inspiring, informative and his method of delivery was so easy to receive. -----Nookala Sai Sarath(14VE1A0541)"

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9-39, Sy.No: 107, Tattiannaram (V),
GSI, Bandlaguda, Nagole, Hyd-68.

Venkata Ramana Sambhana
Software Developer at IBM

Summary

Java, Spring developer and IBM WCS developer with good understanding of modern UI frameworks and complete knowledge of eCommerce ecosystem. Experienced in Microservices implementation. Skilled in Object-Oriented Programming (OOP), Spring, Spring Boot, Spring Cloud, JPA, Hibernate, JavaServerPages (JSP), React and SQL. Strong engineering professional with a Bachelor of Technology (B.Tech.) focused in Computer Science from Avanathi Institute of Engineering and Technology.

Experience:

IBM
Software Developer
April 2020 - Present (8 months)

CGI
Senior Software Engineer
May 2019 - April 2020 (1 year)

Royal Cyber Inc.
Senior Software Engineer
August 2017 - May 2019 (1 year 10 months)

Miracle Software Systems, Inc
Websphere Commerce Developer
June 2014 - August 2017 (3 years 3 months)

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Education

Avanthi Institute of Engineering and Technology.

Bachelor of Technology (B.Tech.), Computer Science · (2010 - 2014)

Z.P High school

SSC · (2004 - 2008).

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