

**Collaborative quality initiatives
with other institution(s)**

About The Institution

G.V.P. College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawahar Education Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi.

The College is offering UG courses in ECE, EEE, CSE, IT and a PG Course in ECE. The Institute has very good infrastructural facilities, e-classrooms, and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

About Department OF ECE

The department of Electronics and Communication Engineering offers B.Tech Program in E.C.E. and M.Tech program in VLSI Design and Embedded Systems. The department has a team of 23 dedicated and experienced faculty members out of which 4 faculty hold Ph.D degree. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of ECE. The ECE department started in 2008 with an initial intake of 120 students in UG Program. In 2011, the department started a PG Program in VLSI Design & Embedded Systems with an intake of 18 students.

About CoreEL Technologies

CoreEL Technologies is a Customer Application Specific Product & Solutions (CASPS) company offering innovative solutions, ranging across Intellectual Property (IP) cores, Design & Development, -System Design & Prototype Development, Next-Gen Digital products, Integrated Analog and Obsolete manufacturing, System Level Design, and Obsolete manufacturing, EDA Tools, COGS products, Semiconductor solutions and Technology Consulting. They are a leading developer of advanced electronic system level products and solutions.



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President, Gayatri Vidya Parishad

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Secretary, Gayatri Vidya Parishad

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Dr. K.L. Sai Prasad, HOD, BSH, GVPCEW

Prof. Dr. N.D. Venkateswari, CSE, GVPCEW

Convener

Dr. K. Srinivasa Rao,

Assoc. Professor and HOD, E.C.E.

Organizing Secretaries

Mrs. Ch. Sirtha, Asst. Professor, E.C.E.

Mrs. M. Mani Kumari, Asst. Professor, E.C.E.

MAILING ADDRESS

All the correspondence may be addressed to
Mrs. Ch. Sirtha, Asst. Professor, ECE,
Mobile: 9849550004
E-mail: chsirtha216@gvpcew.ac.in



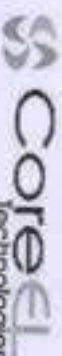
Custom Analog & Digital IC
Design Using Mentor EDA Tools
(ADICD -2018)

27th, 28th & 29th September, 2018

Organized by

Department of Electronics and
Communication Engineering
Gayatri Vidya Parishad
College of Engineering for Women

In Technical association with



Enabling Excellence

CoreEL Technologies (I) Pvt. Ltd.,
Bangalore

Gayatri Vidya Parishad
College of Engineering for Women
Madhuvaram, Visakhapatnam - 830 048
Phone: 0891-2739144; Fax: 0891-2526639
Visit us at: www.gvpcew.ac.in

Objective Of The Workshop

The aim of this workshop is to provide hands-on experience on the state-of-the-art Mentor EDA tools for VLSI Design to enhance practical skills and knowledge to solve real world technical problems. The participants will have an exposure to the Circuit Design & Simulation, Layout Generation, Physical Design and Verification, and Parasitic Extraction.

Detailed Areas of Focus

- ✓ Full Custom Design flow
 - ◆ Mentor Tool for Schematic and layout generation
 - ◆ DRC (Design rule check) and LVS checking
 - ◆ Parasitic Extraction
 - ◆ Configuration of the design using FTGA Protoboards using Xilinx ISE tool
- ✓ Analog Design Flow
 - ◆ AC, DC and Transient Analysis
 - ◆ Layout Entry for CS/ Differential Amplifier
- ✓ Semi Custom Design Flow
 - ◆ Verilog Entry
 - ◆ Layout design from Verilog netlist
 - ◆ Physical Design and Verification
- ✓ Cell based Design

Resource Persons

Prof. Dr. N. Balaji,
HOD (ECE) & Vice-Principal (Admin.),
JCEC, JNTU, Narasaraopet, Guntur.

Mr. Nagendra Bandi,
Senior Application Engineer,
CoreEL Technologies (P) Pvt Ltd, Bangalore.

Mr. Ramesh Murugan,
Application Engineer,
CoreEL Technologies (P) Pvt Ltd, Bangalore.

Organizing Committee

Dr. P.M.K. Prasad, Assoc. Prof., E.C.E
Dr. L. Ganesh, Asst. Prof., E.C.E
Mrs. B. V. S. Renuka Devi, Asst. Prof., E.C.E
Mrs. B. Vijaya Lakshmi, Asst. Prof., E.C.E
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Mrs. G.P.S. Prashanthi, Asst. Prof., E.C.E
Mrs. B. Divya Sathi, Asst. Prof., E.C.E
Mr. K.S.A. Naidu, Asst. Prof., E.C.E
Mr. P.V. Dileep Bhumireddy, Asst. Prof., E.C.E

Registration

PG students & Research Scholars Rs. 400/-
For Faculty Rs. 500/-
For Industrial Delegates Rs. 750/-

A photo copy of the accompanying registration form, duly filled, should be sent along with a DD drawn in favor of Principal, OVPCEW, payable at Visakhapatnam.

Registration fee include workshop kit, lunch and refreshments during the workshop only.

Who Can Participate

- ✓ UG students working in area of VLSI design
- ✓ Researchers (Masters, Doctoral students and Fellows) with thesis in VLSI
- ✓ Academicians for enhancing skills in delivering VLSI Labs at Institute/University
- ✓ Design engineers from industry

Last Date for registration : 21st Sept, 2018

A THREE DAY WORKSHOP

On

**Custom Analog & Digital IC
Design Using Mentor EDA Tools
(ADICD -2018)**

27th, 28th & 29th September, 2018

REGISTRATION FORM

Participant's Name :
Qualification :
Department :
Institution/Organization :
Address for Communication :

Phone No (O) : (R) :

E-mail ID :

Registration Fee :

D.D No.

Date:

Name of the Bank:

Accommodation is required: YES / NO

Date:

Signature of the Participant

SPONSORSHIP CERTIFICATE

Mr./Ms. _____ is sponsored to attend the Workshop on "Custom Analog & Digital IC Design Using Mentor EDA Tools (ADICD-18)", from 27th to 29th September, 2018.

Place:
Date:

Signature of the Head of the
Department/Institution with Seal



Report On A Three-Day Workshop
ON
"CUSTOM ANALOG & DIGITAL IC DESIGN USING MENTOR EDA TOOLS (ADICD-18)"
(27TH- 29TH SEPTEMBER 2018)

WORKSHOP REPORT

This workshop is initiated and designed by department of E.C.E, G.V.P.W to generate ideas to do research in field of VLSI for the faculty members, Ph.D research scholars and PG Students. This workshop is intended to give experience on Mentor EDA tools for VLSI Analog and Digital Design which enables research scholars to publish their work and the faculty to guide the UG & PG students in right direction in the field of VLSI.

The key objective of this workshop is to provide hands-on experience on the state-of-the-art Mentor EDA tools for VLSI Design. The participants will have an exposure to the Circuit Design & Simulation, Layout, Physical Verification (DRC, LVS), and Extraction, analog design flow, semi-custom design flow and cell based design flow.

Workshop Proceedings:

Day 1: 27.09.2018 (Thursday)

I. Inaugural session (09.30-10.15AM):

Inaugural session was started at 09.30 AM, 32 people were registered, and the chief guest was Dr. N Balaji garu, Professor of E.C.E and Rector, J.N.T. University Kakinada. Dr. E V Prasad, Principal of G.V.P.W, Dr K Srinivasa Rao Convener of ADICD-18, have occupied the seat on the dias as representative from the college, and Sri A.S.N Prasad, president of G.V.P has proceeded over the function. All the H.O.D's, Faculty members of G.V.P.W, Principal of G.V.P.C.E(A), and other senior faculty were attended to inaugural session. The vote of thanks was given by Dr. P M



After the inaugural session, the lab sessions were started on full custom design flow. **Mr. Nagendra Bandi**, Senior Application Engineer, CoreEL Technologies (I) Pvt Ltd, Bangalore explained in detail with practical sessions on Mentor Tool for Schematic and layout generation, DRC (Design rule check) and LVS checking, Parasitic Extraction.

Day 2: 28.09.2018 (Friday)

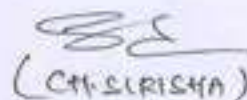
The day two started with analog design flow where he covered AC, DC and Transient Analysis, Layout Entry for CS/ Differential Amplifier

Day 3: 29.09.2018 (Saturday)

The day three started with Semi Custom Design Flow, Verilog Entry, Layout design from Verilog netlist, Physical Design and Verification and Cell based design flow in which he has trained the participants with Designing XOR gates with NAND Symbols and Layout of XOR cell by preplaced cells (DRC,LVS, PEX). Later on he has given a demo on working of Zynq board.

II. Valedictory session (3.00-4.00AM):

Dr. K C B Rao, Professor in ECE, JNTU-UCEV acted as chief guest of the session, Dr. K Srinivasa Rao convener of the workshop and Coordinator Mrs M Manikumari were occupied chairs on dias and Dr. K Srinivasa Rao has preceded over the session, Mrs M Manikumari has given the work shop report and participants were asked for their feedback and they gave positive response. Finally participant certificates are distributed to participant by chief guest and ended with vote of thanks by Dr. L Ganesh, Dept. of ECE, GVPCEW.


(C. S. RISHU)



GAYATRI VIDYA PARISHAD

College of Engineering for Women

Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada
Madhurawada, Kommadi, Visakhapatnam - 530 048.

CoreEL
Technologies

ADICD ✓
2018
2018-19

ADICD
5.8
2018
2018-19
18-19 (9) ✓

CERTIFICATE

This is to Certify that Mr/Ms/Dr R. Sunil Kumar, Assistant professor of
CoreEL, VISAKHAPATNAM. has participated in a Three-day

Workshop on "Custom Analog & Digital IC Design using Mentor EDA Tools (ADICD - 2018), in
technical association with CoreEL Technologies, Bangalore, India organized by the department of Electronics
and Communication Engineering, Gayatri Vidya Parishad College of Engineering for Women during
27th - 29th September, 2018.

Srila
Coordinator

bbt
Head of the Department

Najeeb
CoreEL Technologies
Authorized Person

Principal

18.8
8
12

A Three-Day Workshop
ON
"CUSTOM ANALOG & DIGITAL IC DESIGN USING MENTOR EDA TOOLS (ADICD-18)"
(27TH- 29TH SEPTEMBER 2018)

INAGURAL SESSION



Lab Session



Valedictory Session



Participants





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN, VISAKHAPATNAM

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is organizing a three day Workshop on

Custom Analog & Digital IC Design Using Mentor EDA Tools (ADICD-18)

during 27th - 29th September, 2018 in our college premises.

REGISTRATION LIST- (wccs-2018) FACULTY

SNO	NAME	DESIGN- ATION	NAME OF THE COLLEGE	EMAIL ID	PHONE NO.	AMT PAID	SIGN
✓ 1.	M. Ravindra	Asst. Prof	VIT	ravindra443@ gmail.com	9866432337	500/-	<i>[Signature]</i>
✓ 2.	D. Sita Siva	Asst. Prof	GUPCEW	dadisitasiva@ gupcew.ac.in	9441380 330	500/-	<i>[Signature]</i>
✓ 3.	S. Pandar	Asst. Prof	GUPCEW	sagar.p21@gmail.com	9490211 433	500/-	<i>[Signature]</i>
✓ 4.	G. Divya	Asst. Prof	SGEC	divyarama@ gmail.com	9052971403	500/-	<i>[Signature]</i>
✓ 5.	K.V. Ganesh	Asst. Prof	VITAM	Kona.Venkat@ gmail.com	9966241588 8985028244	500/-	<i>[Signature]</i>
✓ 6.	P. Deepa	Asst. Prof	ANTIS	deepapandey@ gmail.com	944039 100	500/-	<i>[Signature]</i>
✓ 7.	D. Hariprasad	Asst. Prof	Reddy	haridugan@ gmail.com	9585858564	500/-	<i>[Signature]</i>
✓ 8.	G. Deepak	Asst. Prof	PYDAH	deepakgudiunda @hotmail.com	970181662	500/-	<i>[Signature]</i>
✓ 9.	S. Sriniva	Asst. Prof	ANTIS	ssriniva.c@ gmail.com	9989233	500/-	<i>[Signature]</i>
✓ 10.	S. Venkatesh	Asst. Prof	GUPTE	venkatesh@ gmail.com	966584294	500/-	<i>[Signature]</i>
✓ 11.	Ch. Manohar	Asst. Prof	GUPTE	manohar.ch@ gmail.com	8143105787	500/-	<i>[Signature]</i>
✓ 12.	DIVYA NOKARA	Asst. Prof	RIT	mdivya539 @gmail.com	9177380653	500/-	<i>[Signature]</i>
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14.	M. Manikumar	Asst. Prof	GUPCEW	manikumar @gmail.com	9398463892	-	<i>[Signature]</i>
✓ 15.	Ch. Vijayashree	Asst. Prof	GUPTE	vijayashree@ gmail.com	9159407781	500/-	<i>[Signature]</i>
✓ 16.	G. Krishna Rao	Asst. Prof	SVERB	krishna.rao@ gmail.com	949062212	500/-	<i>[Signature]</i>
17.	B. Lakshmi	Asst. Prof	GUPCEW	lakshmi@ gmail.com	9443515530	-	<i>[Signature]</i>





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Department of Electronics and Communication Engineering
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during 27th - 29th September, 2018 in our college premises.

ATTENDANCE SHEET

Date: 27-9-18

Time: 11:00 AM - 1:00 PM

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
1.	Ch. Vranchar Kumar	GVP college for Degree & PG Courses	
2.	S. Venkatesh	School of Engineering, GVP College for Degree & PG Courses	
3.	M. Chavan	GVP of Auton	
4.	B. Dharmaraj	GVP College of Engg	
5.	A. Anil Kumar	GVP College of Engg	
6.	Geetha Chaitanya	GVP College of Engg	
7.	S. Jhansi Rani	Vignani Institute of Engg. for Women	
8.	R. V. Jeevitha	Vignani Institute of Engg. for Women	
9.	G. Divya	Sri Ganapathi Engineering College	
10.	Rishi Chatterjee	GVPCEW	
11.	R. Ganapathi	GVP of Autonomy	
12.	K. V. GANESH	NITAM	
13.	P. Devi Pradeep	ANITS	
14.	Dr. S. Srinivas	ANITS	
15.	DIIVA MOKARA	RIT	
16.	G. Krishnakumar	SVEC	
17.	Ch. Vijayashree	SVEC	





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ATTENDANCE SHEET

Date: 27-9-18

Time: 2:00 PM - 4:30 PM

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
1.	Ch. Manohar Kumar	GVP college for Degree & PG courses	
2.	S Venkatesh	School of Engineering, GVP college for Degree & PG courses	
3.	M. charan	Gvp of Autonou	
4.	B. Dhanani	GVP College of Engg.	
5.	A. Anil Kumar	Gvp college of Engg	
6.	G. Krishna Chaitanya	GVP College of Engineering	
7.	S. Jhansi Rani	Vignani's Institute of Eng. for women	
8.	R.V. Jeevitha	Vignani's Institute of engg. for women	
9.	G. Divya	Sri Ganapathi Engineering College	
10.	R. R. Chatterjee	GVPCEW	
11.	J. Ramalakshmi	GVP COE	
12.	R. Ganapati	GVP of autonomous	
13.	KN. GANESH	VITAM	
14.	P. davi preedee	ANITS	
15.	Dr. S. Srinivas	ANITS	
16.	C. Krishnakumar	SVEC	
17.	Ch. Vijayashree	SVEC	





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ATTENDANCE SHEET

Date: 28-09-18

Time: 9:30 - 01:00 pm

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
1.	G. Divya	Sai Ganapathi Engineering	
2.	R.V. Jeevitha	Vignana inst. of tech for women	
3.	S. Jhansi Rani	Vignana's Inst. of engg. for women	
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5.	A. Anil Kumar	GVPB	
6.	B. Bhavani	GVP COE	
7.	M. Chayan	" "	
8.	S. Venkatesh	School of Engineering, GVP College for Degree & PG Courses	
9.	Ch. Pranav Kumar	" "	
10.	G. Prashanthi	GVPCEW	
11.	Divya Sathi B	GVPCEW	
12.	M. Ravindra	VIEW	
13.	S. Paardel	GVPCEW	
14.	Rishi Chatterjee	GVPCEW	
15.	K. Lakshmi	GVPCEW	
16.	K. V. Jyothi	GVPCEW	
17.	K. Bhavani	GVPCEW	





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ATTENDANCE SHEET

Date: 28-9-2018

Time: 2:15 - 4:30 PM

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
①	K.N. GANESH	VJITAM	
②	G. Krishna Rao	SVEC	
③	G. Deepak	PYDATH	
④	DIVYA NOKARA	RIT	
5	Ch. Vijayashree	SVEC	
⑥	D. Hari Prasad	Pydath	
7.	P. Devi Prasad	ANITS	
8	M. S. Srinivas	ANITS	
9	G. Y. BHARAT	NTIDGP	
10	D. Sita Siva	GVPCEW(A)	
11	M. Deeksha Shanthi	GVPCEW	M. Deeksha Shanthi
12.	B. Madhavi	GVPCEW	B. Madhavi
13.	Pushpa	GVPCEW	
14.	P. Ramya	GVPCEW	
15	G. Divya	SGEC	
16.	R. V. Leeviha	VIEW	
17.	S. Trishna Ravi	VIEW	





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Date: 29-09-2018

Time: 9:30am - 1:00pm

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
1.	K. Lakshmi	GVPCEW	K. Lakshmi
2.	K. Bhavani	GVPCEW	Bhavani
3.	K. V. Jyothi	GVPCEW	Jyothi
4.	DIIVA MOKARA	RIT	Diiva
5.	G. V. BHARAT	NIT DGP	Bharat
6.	D. Sita Siva	GVPCEW	Sita
7.	M. Deekshanthi	GVPCEW	M. Deekshanthi
8.	P. Pushpa	GVPCEW	P. Pushpa
9.	G. Divya	SGEC	Divya
10.	R. V. Jeewitha	VIEW	R. V. Jeewitha
11.	S. Hans Ravi	VIEW	S. Hans Ravi
12.	S. Venkatesh	School of Engineering, GVP College for Degree & PG Courses	S. Venkatesh
13.	Ch. Manohar Kumar	"	Manohar
14.	G. Prashanthi	GVPCEW	Prashanthi
15.	Divya Sathi. B	GVPCEW	Divya
16.	M. Ravindra Kumar	VIEW	M. Ravindra Kumar
17.	M. Mani Kumari	GVPCEW	Mani Kumari





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Date: 29-09-2018

Time: 2:00pm - 3:20pm

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
(1)	K.N. GANESH	VITAM	
2	G. Krishna Rao	SVEC	
3	Ch. Vijayalaxmi	SVEC	
4	G. Deepak	PYDAM	
5	D. Hari Prasad	PYDAM	
6	S. Srinivas	ANITS	
7	P. Veni Pradip	ANITS	
8	G.V. BHARAT	NITDGP	
9	D. Sita Sita	GVPCE(A)	
10	Ch. Monohar Kumar	GVPIC	
11	DIVYA MOHANA	RIT	
12	G. Divya	SGEC	
13	R.V. Leevitha	VIEW	
14	S. Thani Rani	VIEW	
15	Udendra Chakraborty	GUPE	
16	A. Anil Kumar	GUPE	
17	B. Dalani	LI	



ABOUT INSTITUTION

GVP College of Engineering for Women is established under aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and philanthropists of Visakhapatnam. The society has an autonomous Engineering College accredited by NAAC and NBA of AICTE, affiliated to JNTU University, Kakinada. GVP is a partner in an Indo-German collaborative Institute viz., Indo-German Institute of Advanced Technology jointly organized by Govt. of India, Govt. of A.P. and German Government.

The GVP College of Engineering for Women is a self-financed institution with well-qualified faculty, well-furnished laboratories, and infrastructure. The College is offering UG courses in CSE, ECE, IT and EEE. A PG course in ECE.

ABOUT DEPARTMENT OF CSE

The Department of Computer Science and Engineering offers B. Tech degree in CSE and IT branches. The department has a team of dedicated and experienced faculty members. The department has well-equipped laboratories with advanced software and refurbished hardware to facilitate research in major areas of computer science and holds workshops regularly to be in parallel with the IT industry.

ABOUT DEPARTMENT OF ECE

The department of Electronics and Communication Engineering offers B.Tech degree in E.C.E and M.Tech degree program in VLSI and Embedded Systems. The department has a team of dedicated and experienced faculty members. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of ECE.

MAILING ADDRESS

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CHIEF PATRON

Sri A.S.N. Prasad
President, Gayatri Vidya Parishad

PATRONS

Sri D. Dukshina Murthy
Vice President, Gayatri Vidya Parishad
Prof. Dr. Ing. P. Srinivasa Rao
Advisor Tech. Education and B.Ed., Gayatri Vidya Parishad
Prof. P. Sumantra
Secretary, Gayatri Vidya Parishad

CO-PATRONS

Prof. E.V. Prasad
Principal, GVPCEW, Visakhapatnam
Prof. C. Bhaskara Sharma
Director, GVPCEW, Visakhapatnam

PROGRAM CHAIR

Prof. K. Raja Raghav, Director (R&D), GVPCEW

COORDINATORS

Dr. M. Bhano Sridhar, Dept. of CSE
Dr. K. Srinivasa Rao, Dept. of ECE

ADVISORY COMMITTEE

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Prof. P.U.S.L. Jagadamba, Dept. of CSE
Dr. D.K. Babbar, Dept. of CSE
Dr. N. Sharmila, Dept. of CSE

REGISTRATION

For all delegates Rs. 500/-

A photo copy of the accompanying registration form, duly filled, should be sent along with a DD/Cheque drawn in favor of, GVP College of Engineering for Women, payable at SBI, MWV Double Road, Visakhapatnam, or online transfer (Account no: 64022526172, IFSC Code: SBIN0040546).

Registration fee includes workshop kit, lunch and refreshments during the workshop.

WHO CAN PARTICIPATE

- Faculty from CSE/IT/ECE and Engineering Mathematics depts. and interested people from other disciplines.
- Research and Development professionals from industry, Ph.D. scholars, and M.Tech students in the theme of the workshop.

Last Date for registration: 15-03-2018



A THREE DAY NATIONAL WORKSHOP



CRYPTOLOGY & CYBER SECURITY (WCCS - 2018)

22nd, 23rd & 24th March, 2018

Jointly Organized

by

Departments of CSE & ECE
Gayatri Vidya Parishad
College of Engineering for Women

Under the Sponsorship of



Cryptology Research Society of India (CRSI),
Kolkata

GAYATRI VIDYA PARISHAD
College of Engineering for Women

Madhurawada, Visakhapatnam - 530 048
Phone: 0891-2736140; Fax: 0891-2526639
Visit us at: www.gvpcew.ac.in

OBJECTIVE OF WORKSHOP

The humanity and its progress are fully dependent on data, its usage and storage. The security of the data and communication thus plays a vital role in any field of Computer Science and Electronics & Communications. Cyber Security is one of the areas where all the resources have to be concentrated upon to find a solution to the hacking menace.

Cryptography conceals the data while it is being transmitted between the sender and receiver by various mathematical methodologies and algorithms. With the advent of Distributed and Cloud Computing, the role and range of Cryptology/Cryptography has much broadened and gained prominence.

The Departments of Computer Science and Engineering & Electronics and Communication Engineering in GVP College of Engineering for Women, Visakhapatnam have realised the importance of research in the field of Cryptology and Cyber Security and decided to conduct a workshop on the topic 'Cryptology and Cyber Security'. This would suffice the Mathematicians, Engineers and Researchers to get together, discuss, deduce and recommend useful ideas in the presence of experts and resource persons for finding a solution to the task of strengthening Cyber Security for the benefit of public to protect from cyber crimes and threats.

FOCUS AREAS OF THE WORKSHOP:

- Basics of Cryptology including notion of security
- Blockchain Technology
- Introduction to Elliptic Curve Cryptology

Re-encryption

- Security from Channel Noise
- Cryptanalysis of Symmetric Key Ciphers: Classical to Modern
- Introduction to Provably Secure Crypto Systems
- Cyber Security Cryptography - Fundamentals and Applications

RESOURCE PERSONS

Prof. R. Balasubramanian, President, Cryptology Research Society of India, Kolkata and Director, Institute of Mathematical Sciences, Chennai
 Prof. Binod Kumar Roy, General Secretary, Cryptology Research Society of India, Kolkata, and Ex-Director, Indian Statistical Institute, Kolkata
 Prof. C. Pandu Rangan, Dept. of CSE, Former Director, IIT Madras
 Dr. Shri Kant, Professor, RITDC, Sheria University, Ex-Director, DRDO
 Prof. Ganapati Prasad, Emeritus Professor, IIT Bhubaneswar
 Prof. P.S. Awarthani, Principal, AU College of Engineering (AU), Visakhapatnam
 Prof. M.S. Prasad Babu, Vice-Principal, AU College of Engineering (AU), Visakhapatnam
 Prof. PV.G.D. Prasad Reddy, Former Rector, AU
 Dr. V.V. Subba Rao, School of Computer and Information Sciences, University of Hyderabad
 Dr. Kannan Srinathan, IIT Hyderabad
 Prof. J. Madanamohanram, GVPCE (A).

ORGANISING COMMITTEE

Dr. P.M. K. Prasad, Dept. of ECE (Chair Person)
 Mr. PVK. Chaitanya, Dept. of ECE (Co-Chair)
 Dr. L. Ganesh, Dept. of ECE
 Ms. Ch. Suresha, Dept. of ECE
 Mr. B. L. V. Vinay Kumar, Dept. of CSE
 Mr. S. Ramaswamy Reddy, Dept. of ECE
 Mr. M.V. Maheswara Rao, Dept. of ECE
 Mr. V. Lakshmana Rao, Dept. of IT
 Mr. M. Santosh, Dept. of IT
 Ms. B. Kirthi Priya, Dept. of ECE, GVPCE(A)
 Mr. B. Saral Kumar, Dept. of ECE
 Mr. Ch. V.V. Prasad, Dept. of CSE
 Mr. S. Sumathasan, Dept. of CSE
 Mr. K. Parashotam Naidu, Dept. of CSE
 Mr. K. Nagaraja, Dept. of CSE
 Mr. A. Uday Kumar, Dept. of IT

RECEPTION COMMITTEE

Ms. Ch. Gopika, Dept. of CSE (Chair Person)
 Ms. B. Vijaya Lakshmi, Dept. of ECE (Co-Chair)
 Mr. B. V. S. Renuka, Dept. of ECE
 Dr. A. Sureshbabu, Dept. of BS & IT
 Ms. R. Sri Devi, Dept. of IT
 Ms. N. Roopavathi, Dept. of ECE
 Ms. L. Sarika, Dept. of ECE
 Ms. V. Govindani, Dept. of CSE
 Ms. M. Deepthi, Dept. of IT
 Ms. K. Rohini, Dept. of CSE
 Ms. KNS. Chitra, Dept. of CSE
 Ms. Y. Sowmya, Dept. of CSE
 Ms. M. Manikumari, Dept. of ECE
 Ms. R. Jaisa, Dept. of ECE
 Ms. R. Sreeta Srinatha, Dept. of CSE

A THREE DAY NATIONAL WORKSHOP

On
CRYPTOLOGY & CYBER SECURITY

(WCCS - 2018)

22nd to 24th March, 2018

REGISTRATION FORM

Participant's Name :
 Qualification :
 Department :
 Institution/Organization :
 Address for Communication :
 Phone No (O) : (R) :
 E-mail ID :
 Registration Fee :
 D.D./Cheque No. Date :
 Name of the Bank :
 Accommodation is required: YES / NO
 Date :
 Signature of the Participant :

SPONSORSHIP CERTIFICATE

Mr./Ms. _____
 is sponsored to attend the National Workshop on
CRYPTOLOGY & CYBER SECURITY (WCCS-2018) 22nd
to 24th March, 2018

Place :
 Date :
 Signature of the Head of
 the Department / Institution
 with Seal



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A 3-DAY NATIONAL WORKSHOP ON CRYPTOLOGY & CYBER
SECURITY

PHOTOS





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A 3-DAY NATIONAL WORKSHOP ON CRYPTOLOGY & CYBER
SECURITY

PHOTOS



WCCS-2018





GAYATRI VIDYA PARISHAD College of Engineering for Women

Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada
Madhurawada, Kommadi, Visakhapatnam - 530 048.



CERTIFICATE

This is to certify that Mr/Ms/Dr K. Purushotham Naidu, Assistant Professor of
C.S.E. Dept., GVPCEW has participated in a Three-day

National Workshop on "Cryptology and Cyber Security (WCCS 2018)", sponsored by Cryptology
Research Society of India, Kolkata organized by Department of Computer Science and Engineering &
Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering
for Women during 22nd - 24th March, 2018.

R. Balasubramanian
Prof. R. Balasubramanian
President, CRSI

Bimal K Roy
Prof. Bimal K Roy
Gen. Secretary, CRSI

Prof. F.V. Prasad
Prof. F.V. Prasad
Principal, GVPCEW

Prof. K. Raja Rajeswari
Prof. K. Raja Rajeswari
Chairperson, WCCS-2018

**Conferences, Seminars and
Workshops conducted on quality**

One Week National Online Faculty Development Program

on

MATHEMATICAL ELEMENTS IN ENGINEERING AND APPLIED SCIENCES 21st – 25th July, 2020

(Time: 11:00AM to 12:30 PM)

Organized by

Department of Basic Sciences & Humanities
(MATHEMATICS)



GAYATRI VIDYA PARISHAD
College of Engineering for Women

Madhurawada, Visakhapatnam -530048
(Three B. Tech. Programs are Accredited by NBA,
Recognized by AICTE & Affiliated to JNTUK, Kakinada)
Phone: 0891-2739144; Fax: 0891-2526639

Visit us at: www.gvpcew.ac.in

ABOUT THE INSTITUTION AND DEPARTMENT

Gayatri Vidya Parishad College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi. The College is offering UG courses in ECE, EEE, CSE, IT and a PG Course in ECE. B. Tech programming in ECE, CSE, IT are accredited by NBA till 2022. The institute has very good infrastructural facilities, e-class rooms and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

The Department of Basic Sciences and Humanities started from the inception of GVP College of Engineering for Women and it comprises of well experienced, enthusiastic and dedicated faculty possessing eleven doctorates and Five M. Phil awardees. The department is active in research and other activities that focus on enhancing global competencies by engaging the students in skill based activities. The Faculty of Mathematics are involved in a broad spectrum of research that includes Differential Geometry, Time-Series Analysis, Boundary Value Problems, Fluid Dynamics and Wavelet Transforms. Apart from these the faculty of the department have started Mathematical Sciences Club in 2014, with an objective that such clubs are essential to develop scientific temperament among the students of technical and engineering stream. The club has been playing an active role in developing scientific thinking among the students of the college.

THEME

Basic sciences refer to the disciplines of Physics, Chemistry and Mathematics play a vital role in modeling of engineering systems. The study of basic sciences enables the student to understand the natural phenomena since it explores knowledge and discovery of facts.

OBJECTIVE OF THE WORKSHOP

There exist different areas of mathematics which are applicable to define the physical significance of certain areas of Engineering and its allied fields. However, most of the researchers working on Mathematical problems

and Engineering streams understand the techniques, however, lack in applying them to the fields of their interest.

The objective of this program is to provide a stimulating and interactive forum to highlight the major developments in the field; in particular, to gain a better understanding of problems arising in different environment where the Mathematics is developed and applied. The topic is of utmost importance to the faculty who are working in various Engineering and degree colleges and also to the Researchers of both Mathematics and Engineering fields.

To understand the process of applying the Mathematical tools to Engineering problems a one week National online FDP on "Mathematical Elements in Engineering & Applied Sciences" is being organized by the Department of BS & H, GVP College of Engineering for Women.

RESOURCE PERSONS

Date	Resource Persons
21/07/2020	Dr. G. V. S. R. Deekshithulu Professor & Head, Department of Mathematics JNTUK University, Kakinada
22/07/2020	Dr. Y. V. Subba Rao Associate Professor, School of Computer & Information Sciences University of Hyderabad,
23/07/2020	Dr. V. Ravindranath Professor of Mathematics & OSD to Vice- Chancellor JNTUK University, Kakinada
24/07/2020	Dr. Om Prakash Assoc. Prof & Head, Department of Mathematics, IIT Patna
25/07/2020	Dr. E. Kesava Reddy Professor, Department of Mathematics, JNTUA, Anantapur

WHO CAN PARTICIPATE?

All PG/Research Scholars/faculty of Mathematics stream and All Engineering Branches from AICTE/UGC approved Institutes/colleges can participate. E-certificates will be sent to all participants.

REGISTRATION

Each Participant can register to the FDP by paying an amount of Rs. 100/- through Google Pay/Phone Pay to 9866902309. As the maximum number of participants to attend the program is limited, the participants who are interested are requested to register at the earliest.

Click on the below link for registration form.

<https://forms.gle/TgzHyVYSPEgiEWIS7>

For assistance, reach us at 9866902309.

PS: The meeting link will be sent to all the participants in one day prior to the FDP program.

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Prof. Dr. G. Sudheer, Vice-Principal, GVPCEW

Prof. Dr. N. B. Venkateswarlu, Dept. of CSE, GVPCEW

Dr. R. V. S. Lakshmi Kumari, HoD, EEE, GVPCEW

Prof. Dr. P. V. S. L. Jagadamba, HoD, CSE, GVPCEW

Dr. K. Srinivasa Rao, HoD, ECE, GVPCEW

Dr. D. K. Bebartha, HoD, IT, GVPCEW

CONVENOR

Dr. K. L. Sai Prasad

Associate Professor & Head, Department of Mathematics, GVPCEW

ORGANISING SECRETARY

Dr. A. Kameswara Rao

Assistant Professor, Department of Mathematics, GVPCEW

Ph: 9866902309 Email: meesgypw2020@gmail.com

ORGANISING COMMITTEE

Dr. A. Susheelatha, Department of Mathematics, GVPCEW

Ms. B. Bharathi, Department of Mathematics, GVPCEW

Mr. V. S. V. D. Prakash, Department of Mathematics, GVPCEW

Dr. T. Poornakantha, Department of Mathematics, GVPCEW

Dr. K. Visweswara Rao, Department of Management, GVPCEW

Sri. C. Srinivas, Department of IT, GVPCEW





Gayatri Vidya Parishad College of Engineering for Women

Kommadi, Madhurawada, Visakhapatnam-530048, AP, India

Approved by AICTE, Affiliated to JNTUK, Kakinada

Website: www.gvpcew.ac.in

Department of Basic Sciences & Humanities (MATHEMATICS)

One Week National Online Faculty Development Program

on

MATHEMATICAL ELEMENTS IN ENGINEERING AND APPLIED SCIENCES

(MEEAS-2020) from 21st – 25th July, 2020

Date: 27-07-2020

A BRIEF REPORT

On behalf of Department of Basic Sciences & Humanities (Faculty-Mathematics), as a convener of the program, I am very much delighted to submit a brief report on National Level Faculty Development Program conducted on "Mathematical Elements in Engineering and Applied Sciences (MEEAS)" at Gayatri Vidya Parishad College of Engineering for Women during 21st-25th July, 2020 in Virtual mode in the ZOOM platform.

The objective of this program was to provide a stimulating and interactive forum to highlight the major developments in the field; in particular, to gain a better understanding of problems arising in different environment where the Mathematics is developed and applied.

The resource persons include Prof. Om Prakash from IIT-Patna, Prof. Deekshitulu & Prof. Ravindranadh from JNTUK-Kakinada, Prof. E. Keshava Reddy from JNTUA-Ananthapuram and Prof. Y. V. Subba Rao from University of Hyderabad have readily accepted our invitation and delivered their talks as per the schedule and were also available to the participants till the completion of the program. The details of the talks are given in the Program schedule which is enclosed herewith.

In total, among 161 participants, Senior Professors, Research scholars from different states of India and also a professor from Ethiopia have actively participated throughout all Five days of the program. The feedback back forms were collected from the participants at end of the each day of the program. The e-certificates were sent to all participants immediately after the last day of the talk.

The faculties from the department of Mathematics have collectively contributed in making successful completion of the program. Sri. Srinivas, Associate Professor from department of IT has extended his consistent technical support throughout the program in transmission of online sessions without any connectivity disturbances. Dr. Hema Chander, Department of EEE has helped in preparing the e-certificates to all participants and also the Letters of Appreciation to all Resource persons of the program.

I congratulate all the faculty of the Department of the Mathematics, colleagues and technicians for their team work in successfully conducting the **Faculty Development Program**.

I thank both the Management and the administration for providing the necessary facilities in conducting the symposium virtual mode.

Thank you one and all.




(Dr. K. L. Sai Prasad)
Convener- MEEAS, 2020

MEEAS-DAY-1-FEEDBACK FORM (21-07-2020)

[illegible]



Gayatri Vidya Parishad

College of Engineering for Women

Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada

Madhurawada, Kommadi, Visakhapatnam - 530048

Department of Basic Science and Humanities



Certificate of Participation

This is to certify that Ms. Suneetha Kandeepi of has participated in a One Week online National FDP on "MATHEMATICAL ELEMENTS IN ENGINEERING AND APPLIED SCIENCES (MEEAS-2020)" from 21-07-2020 to 25-07-2020, organized by the Department of Basic Sciences and Humanities (Mathematics), Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam.

A.K.Rao
25/7/20

K.L. Sai Prasad
25/7/2020

Dr. K.L. Sai Prasad
Convener-MEEAS 2020

Prof. K V S Rao
Principal

K.V.S.Rao
25.7.2020

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Prof. Dr. Ing. P. S. Rao
President, Gayatri Vidya Parishad

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Vice-President, Gayatri Vidya Parishad
Prof. P. Somaraju
Secretary, Gayatri Vidya Parishad

Co-Patrons

Prof. KVS RAO, Principal, GVPCEW
Prof. E. V. Prasad, Director, GVPCEW

Convenors

Dr. P. V. S.L. Jagadamba
Professor, HOD, CSE
Dr. Dwiti Krishna Bebartha
Associate Professor, HOD, IT

Co-ordinators

Mr. K. Purushotam Naidu, Asst. Professor, CSE
Mr. CH.V.V.D. Prasad, Asst. Professor, IT
Ms K. Rohini, Asst. Professor, CSE

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Dr. N. B. Venkateswarlu, Professor, CSE
Dr. K. Srinivasa Rao, Associate Professor HOD, ECE
Dr. RVS Lakshmi Kumari, Associate Professor, HOD, EEE
Sri. C. Srinivas, Associate Professor, IT
Dr. M. Bhanu Sridhar, Associate Professor, CSE
Dr. N. Sharmili, Associate Professor, CSE
Dr. TKM Thushar, Associate Professor, CSE

WHO CAN ATTEND?

- Faculty members from AICTE approved Engineering and Degree Colleges
- Industry Professionals from IT Industries
- Research Scholars/PG Students

REGISTRATION FEE: Rs. 100/-

Google pay/Phonepe to
Phone Number: 9963444007
Name: Purushotam Naidu K

• E-certificates will be issued to the participants, if attend all the sessions and submitted the required feedback about the program within three days of the completion.

- First 200 participants will be accepted for registration
- Last date for the registration is 21st June 2020

REGISTRATION LINK:

<https://forms.gle/Y6QVUkWSNeIFHIC7>



Five Day National Workshop ON

APPLICATIONS OF IMAGE PROCESSING AND MACHINE LEARNING

22nd - 26th June, 2020

Organized by



Department of Computer Science & Engineering
and
Department of Information Technology
GVP College of Engineering for Women
Visakhapatnam-530048, AP, India
Affiliated to JNTUK, Kakinada
Visit us at www.gvpcew.ac.in

Objective

The objective of this workshop is to promote exposure of emerging technologies such as Image Processing and Machine Learning. Researchers community can explore many real-world applications to help analysts to learn, analyze, and predict meaningful features from large amounts of raw data. This workshop will provide a platform for engineers, academicians, research scholars and industry professionals to showcase their novel ideas and enrich themselves working in the field of IT.

About the Departments

Computer Science and Engineering(CSE) is a highly interdisciplinary area spanning a broad range of science and engineering topics. The department has state of the art infrastructure and computing environments to equip the students with the latest developments in the field. The strength of the department lies in its dedicated faculty who deliver top class student-centric teaching. Big Data Analytics, Computer Vision, Cloud Computing, Network Security and Image Processing are the areas of research in the department.

The Department of Information Technology(IT) at GVPW aims to equip the students with fundamental concepts and techniques of computing and applications relevant to emerging technological advancements. The department comprises of dedicated, diligent faculty team to guide the student reach higher altitudes with positive attitude. The Information Technology engineers are expected to perform a variety of duties that range from installing applications to designing software, complex networks and information databases. The goal of the department is to prepare the students to face the challenges of the fast growing IT industry.

About the Institution:

G.V.P. College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi.

The College is offering UG courses in CSE,IT, ECE, EEE and a PG Course in ECE. B.Tech programming in CSE,ECE,IT are accredited by NBA till 2022. The institute has very good infrastructural facilities, e-classrooms, and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.



Department of Computer Science & Engineering
and

Department of Information Technology
GVP College of Engineering for Women
Visakhapatnam-530048, AP, India
Affiliated to JNTUK, Kakinada
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Resource Persons

1. Dr. U. Srinivasulu Reddy

NIT, Tiruchirappalli

Topic Name: Deep Learning Techniques for Agriculture

2. Dr. Bala Prakash Rao,

NIT Warangal

Topic Name: Deep Neural Networks for Image Classification

3. Dr. Deepak Ranjan Nayak

NIT Surat

Topic Name: Application of Machine Learning in Biomedical Image Processing

4. Dr. Birendra Biswal

GVP College of Engineering (A)

Topic Name: An Exclusive Disjunctive Based Detection of New Vascularization Using Multiscale CNN

5. Dr. Dwithi Krishna Bebaria

GVP College of Engineering for Women

Topic Name: Design of Computationally Efficient and Effective Models Using Time Series Data in Different Prediction Problems: A Machine Learning Application

Session Timings:

10 AM-12 NOON

Mode of Session:

ONLINE through Zoom/Webex/Google Meet applications. The link details will be intimated through separate notifications to the registered participants.



A detailed Report on Faculty Development Program on the Applications of Image Processing and Machine Learning held from 22nd, June, 2020 to 26th, June, 2020

Program Details

Name of the Program: Applications of Image Processing and Machine Learning

Type of the Program: Faculty Development Program

No. of Days: 5 days (22-6-2020 to 26-6-2020)

Session Mode: ONLINE

Session Timing: 10.00 AM to 12.00PM (2 Hrs)

Day to Day Activity Report:

Day-1: The session on Day-1 started with a formal inaugural and a welcome note from the HoD's of CSE and IT department followed by the lecture on Deep Learning Techniques by Dr. U. Srinivas Reddy from NIT, Thiruchirappalli. At the end of the session feedback from the participants have been collected.

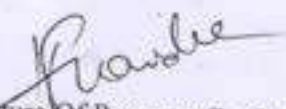
Day-2: On Day-2 Dr. Bala Prakash Rao from the Department of CSE of NIT Waranagal has delivered a brief note analysis on Deep Neural Networks for Image classification with real time examples and a code application developed. At the end of the session feedback from the participants have been collected.

Day-3: On Day-3 Dr. Deepak Ranjan Nayak of NIT Surat has presented an elaborate lecture on Applications of Machine Learning in Biomedical Image Processing with a realtime project developed by him as a part of a research project submitted recently. At the end of the session feedback from the participants have been collected.

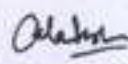
Day-4: On Day-4 Dr. Birendra Biswal of GVP College of Engineering (Autonomous) has delivered a lecture on Exclusive disjunction based detection of New Vascularization using Multicasts CNN. At the end of the session feedback from the participants have been collected.

Day-5: On Day-5 Dr. Dwiti Krishna Bebartha, HoD Department of IT of GVPCEW has conducted a session on Design of Computationally efficient and Effective Model Using Time Series Data in Different Prediction Problems. At the end of the session feedback from the participants have been collected.

A formal Valedictory session has been conducted at the end of Day-5 with note from the Principal and other Participants.


Signature Of Program Co-Ordinator(s)




Signature of HoD(s)



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE New Delhi, Affiliated to JNTUK Nalanda)

Konnadi, Madhuvaram, Visakhapatnam - 530 048

Phone: 91-891-2739144 / 2719124 / 2719125 / 2719127

Email id: gvpw@gmail.com, info@gvpw.ac.in

Samcet counselling
code: GVPW



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Valid from: 2019-20
to 2023-24

Certificate of Participation


This is to certify that,


G SANKARA RAO

of

GVPW ENGG COLLEGE

has attended a Five Day National Workshop on “**Applications of Image Processing and Machine Learning**” organized by the Departments of Computer Science and Engineering, and Information Technology from 22nd to 26th June 2020


Dr.Dwiti Krishna Bebarta
Convenor, HOD IT


Dr.PVSL Jagadamba
Convenor, HOD CSE


Dr.KVS Rao
Principal

Registered participants

[illegible]



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

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Prof. P. Somaraju

Secretary, Gayatri Vidya Parishad

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Principal, GVPCEW

Prof. E.V. Prasad
Director, GVPCEW

Convenor

Dr. K. Srinivasa Rao
Associate Professor, HoD, ECE

Co-ordinators

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Assoc. Professor, ECE

Mr. P.V.K. Chaitanya
Asst. Professor, ECE

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Vice-Principal, GVPCEW

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Director (R&D), GVPCEW

Dr. N.B. Venkateswarlu
Professor, CSE

Dr. P.V.S.L. Jagadamba
Professor, HoD, CSE

Dr. Dwiti Krishna Bebarti
Associate Professor, HoD, IT

Dr. R.V.S. Lakshmi Kumari
Associate Professor, HoD, EEE

Dr. K.L. Sai Prasad
Associate Professor, HoD, BSH

Dr. P.M.K. Prasad
Associate Professor, ECE

About the Institute

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The College is offering UG courses in CSE, IT, ECE, EEE and a PG Course in ECE. B.Tech programming in CSE, ECE, IT are accredited by NBA till 2022. The Institute has very good infrastructural facilities, e-classrooms, and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

About the Department

The department of Electronics and Communication Engineering offers B.Tech Program in ECE and M.Tech program in VLSI Design and Embedded Systems. The department has a team of 21 dedicated and experienced faculty members out of which 7 faculty hold Ph.D degree. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of ECE. The ECE department started in 2008 with an initial intake of 120 students in UG Program. In 2011, the department started a PG Program in VLSI Design & Embedded Systems with an intake of 18 students. The UG program is accredited by NBA till 2022.

About Enovate Skill

Enovate Skill is a unit of Enovation Lab LLP, Chandigarh, ISO Certified company. It was started by National Institute of Technical Teachers training & Research, Chandigarh (under MHRD) Alumnus 3 year back with a motto of imparting hands on skill training in Robotics, IoT and 3-D design. Enovate skill is an ISO certified company in education as well as R&D. Till now Enovate skill has trained more than 10,000 Students through PAN India. Enovate skill has a patent in Renewable Energy domain.

Objective of the Workshop

IoT is a transformational force that can help industries improve performance through IoT analytics and IoT Security to deliver better results. Businesses can reap the benefits of IoT by making more informed decisions, aided by the torrent of interactional and transactional data at their disposal.

The objective of this workshop is to take engineering students/faculty from Embedded Systems towards Internet of Things (Connected Things). This workshop will provide hands-on training on Arduino and Raspberry Pi Devices. It enables the participants to explore the area of Internet of Things and develop IoT applications.

Who can Participate

Faculty / Students of any discipline / branch





**GAYATRI VIDYA PARISHAD
COLLEGE OF ENGINEERING FOR WOMEN**

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)
MADHURAWADA, VISAKHAPATNAM - 530048
Website : www.gvpcew.ac.in

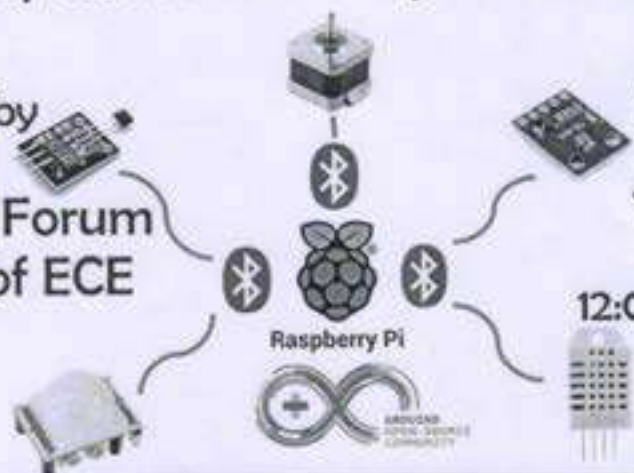


Fight Covid-19 using "IoT"

(a 5-Day Hands-on Workshop via Online Mode)

Organized by

**IETE Students' Forum
Department of ECE**



**6th July, 2020
to
10th July, 2020**

12:00 pm – 02:00 pm

In association with



Enovate Skill

Enovate Skill
a unit of
Enovation Lab LLP, Chandigarh

Resource Person



Mr. Ajay Kumar Godara
Director
Enovation Lab LLP, Chandigarh

DETAILS OF THE WORKSHOP

Agenda

1. Introduction to basics of components and circuit simulation, Introduction to Arduino
2. Arduino sensor interfacing with simulation tools
3. IoT using Arduino Uno
4. Designing customized Android Application for Bluetooth controlled devices
5. IoT using Raspberry Pi, Graphical programming for Raspberry Pi

Mode of Online Sessions

ONLINE through Zoom application. The link details will be intimated through separate notification to the registered participants.

Registration

- Registration Fee – Rs. 100/-
- Mode of Payment
– GooglePay / PhonePe. to 9948722220 : P V K Chaitanya
- Registration Link
(Should have Payment Screenshot, UPI Transaction ID)
<https://tinyurl.com/vcct6dcb>

* e-Certificates will be provided to those participants who complete the questionnaire at the end of the workshop.





Gayatri Vidya Parishad College of Engineering for Women
Madhurawada, Visakhapatnam, 530048
(Affiliated to JNTUK, Approved by AICTE, New Delhi)

5-Day Workshop on Fight Covid-19 using IoT

Date: 14-07-2020

Title: 5-Day Workshop on Fight Covid-19 using IoT

Date(s): 06th July to 10th July 2020; 12:00 to 02:00 PM

Preamble:

A Five-day Hands-on Workshop on the Internet of Things (IoT) was conducted from 6th July to 10th July 2020, by the department of ECE and professional student bodies (IEEE & IETE), GVPCEW, Visakhapatnam. The workshop is organized through online mode and with a motive to provide the participants with a hands-on experience on IoT to develop solutions in the prevention of COVID-19.

Resource Person:

Mr. Ajay Kumar Godara, founder and director of Enovate Skill (a NITTTR Chandigarh start-up Initiative). He is Innovator & Mentor of Change, NITI Ayog, Govt. of India. He has expertise in the area of Robotics and the Internet of Things. He has developed many innovative products & having patents in the renewable energy area. He has delivered more than 100 expert talks in national and international FDP and has trained more than 20 thousand students.

Participant's Profile:

A total of 236 participants have enrolled in the workshop. Among the participants, 22 are from GVPCEW, IEEE SB, 163 from GVPCEW IETE, and 51 from other colleges.

Description About the Program:

On Day 1, during the inaugural session, Dr.K.Srinivasa Rao, Head of the Department, ECE hoisted the event on welcoming the resource person, dignitaries, and participants to the workshop. Prof.K.Raja Rajeswari, Dean R & D, GVPCEW, and Senior Member IEEE has expressed her views on conduct of technical workshops in current situations, followed by the guest introduction by Mr.P.V.K.Chaitanya, Assistant professor, and coordinator IETE, GVPCEW.

The day-wise topics covered as part of the workshop is as follows:

Day-1:

- Introduction to basics electronic components and circuit simulation
- Introduction to Arduino and architecture
- Overview of the design principles of the products that can help prevent COVID-19.

Day-2:

Arduino sensor interfacing with simulation tools

Day-3:

IoT using Arduino Uno.

Day-4:

Designing customized Android Application for Bluetooth controlled devices

Day-5:

IoT using Raspberry Pi, Graphical programming for Raspberry Pi

On Day 5, Dr.L.Ganesh, Associate Professor and IEEE Coordinator proposed a vote of thanks.





Gayatri Vidya Parishad College of Engineering for Women
Madhurawada, Visakhapatnam, 530048
(Affiliated to JNTUK, Approved by AICTE, New Delhi)

Registration/Sponsorship/Funding:

The following are the details of the registration fee collected from the participants who attended the workshop.

- Student Member of GVPCEW IEEE SB: No Registration Fee
- Student Member of GVPCEW IETE SF: INR 50
- Faculty of GVPCEW: No Registration Fee
- Others: INR 100/-

Feedback:

Feedback from participants has been collected via online mode. The majority of the participants expressed their view of conducting a workshop on Programming with Raspberry Pi.

Future Perspectives:

The department of ECE and professional bodies, GVPCEW looking forward to organizing future workshops and webinars on IoT, to expose the students and faculty to understand the requirements of Industry 4.0.

Report Submitted by:

Dr.L.Ganesh, Associate Professor, Coordinator GVPCEW IEEE SB
Mr.P.V.K.Chaitanya, Assistant Professor, Coordinator GVPCEW IETE SF



L. Ganesh

GAYATRI VIDYA PARISHAD

COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM - 530048



Certificate of Participation

This is to certify that R Jalaja

from Gayatri Vidya Parishad College Of Engineering For Women

attended the 5-Day Workshop on Fight Covid-19 using "IoT" via online mode

organised by the Department of Electronics and Communication Engineering

in association with Enovate Skill, a unit of Enovation Lab LLP, Chandigarh

from 6th to 10th July, 2020

Dr. K Srinivasa Rao
HOD - ECE

Dr. K Raja Rajeswari
Director (R&D)

Dr. K V S Rao
Principal

20.W.RJ.96

**A Five Day online FDP on
APPLICATIONS OF OPTIMIZATION
TECHNIQUES TO ELECTRICAL
ENGINEERING**

22nd – 26th June 2020

Time: 11:00AM to 12:30 PM

Organized by

Department of Electrical and Electronics Engineering



**Gayatri Vidya Parishad
College of Engineering for Women**

Madhurawada,

Visakhapatnam -530048

Phone: 0891-2739144; Fax: 0891-2526639

Visit us at: www.gvpcew.ac.in



ABOUT THE INSTITUTION AND DEPARTMENT

Gayatri Vidya Parishad College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi. The College is offering UG courses in ECE, EEE, CSE, IT and a PG Course in ECE. The UG programs of ECE, CSE and IT are accredited by NBA.

The Department of Electrical and Electronics Engineering was established in 2011 and offers B.Tech Program in EEE. The Department is well established with experienced faculty having multiple years of experience and involved in research activities in the areas of power systems, renewable energy systems, control systems and advanced power electronic drives. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in some areas of EEE. The Department flourishes in its enthusiastic and energetic environment comprising of the major fields of Electrical, Electronics and Elements of Computer Science.

ABOUT THE TOPIC

Optimization techniques find their applications in all streams of engineering and sciences. These seek to find variable values that optimize a multivariate objective function under a set of constraints. This situation of finding the value of a variable is very often encountered in every field of engineering and science. With emergence of metaheuristics research, many different approaches have been developed and are in wide use for problems hitherto unsolvable.

OBJECTIVE OF THE WORKSHOP:

There exists numerous optimization techniques and their applications to electrical engineering are also increasing in the recent years. However, most of the researchers working on optimization problem understand the techniques, sometime lack in applying them to the fields of engineering. These days the optimization techniques are being applied in all major areas of electrical engineering.

The FDP aims to introduce the optimization technique and application to various research problems in the field of electrical engineering. The topic is of utmost importance for the research scholars working in this area and also lay the foundation for those are yet to start with the research.

To understand and apply the optimization techniques to electrical engineering problems a five day online FDP on "Application of Optimization Techniques to Electrical Engineering" is being organized by the Department of Electrical and Electronics Engineering, Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam.

RESOURCE PERSONS

Date	Resource Person
22/06/2020	Dr Shankar Pedapati, Asst. Prof., Department of EE, NIT AP, AP
23/06/2020	Dr Siddharth Pandit, Professor, Department of EE, VSSUT Burla, Odisha
24/06/2020	Dr I Satish Kumar Asst. Prof., Department of EE, NIT Warangal, Telangana
25/06/2020	Dr Subhojit Ghosh, Asst. Prof., Department of EE, NIT Raipur, CG
26/06/2020	Dr T V Dixit, Principal and Head, Department of EE, Government Polytechnic College, Berla.

WHO CAN PARTICIPATE?

All PG/Research Scholars and faculty from AICTE approved engineering colleges can participate.
E-certificates will be sent to the mail address of the participants who attend.

REGISTRATION:

Each Participant can register to the FDP by paying an amount of Rs. 100/- through Google Pay/Phone Pay to 9490696564

Click on the below link for registration form.

<https://forms.gle/wmncgo3YC5rud1F7>

All the registered participants will be sent the meeting link one day prior.

CHIEF PATRON

Prof. Dr.-Ing. P.S.Rao, President, Gayatri Vidya Parishad

PATRONS

Sri D.Dakshina Murthy, Vice-President, Gayatri Vidya Parishad

Prof. Dr. P.Sommaraju, Secretary, Gayatri Vidya Parishad

CO-PATRON

Prof. Dr. K.V.S. Rao, Principal, GVPCEW

ADVISORY COMMITTEE

Prof. Dr. E.V.Prasad Director, GVPCEW

Prof. Dr. K.Rajarajeswari R&D Director, GVPCEW

Prof. Dr. G.Sudheer, Vice-Principal, GVPCEW

Dr. R.V.S. Lakshmi Kumari, HoD, EEE, GVPCEW

Prof. Dr. P.V.S.L. Jagadamba, HoD, CSE, GVPCEW

Dr. K. Srinivas Rao, HoD, ECE, GVPCEW

Dr. D.K. Bebaria, HoD, IT, GVPCEW

Dr. K.L.Sai Prasad, HoD, Bio&H, GVPCEW

CONVENOR

Dr. P. Devendra

Department of EEE, GVPCEW.

Ph: 8555827095 Email: devendra.p@vtpcew.ac.in

CO-CONVENOR

Mr. A.Hema Chander,

Department of EEE, GVPCEW.

Ph: 9490389892 Email: hema.chander@vtpcew.ac.in

ORGANISING COMMITTEE

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Mr. M. Krishna, Department of EEE, GVPCEW

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Mr. Y. Ramu, Department of EEE, GVPCEW

Mr. D. Srinivas Reddy, Department of EEE, GVPCEW

Mr. K. Madhu Kiran, Department of EEE, GVPCEW





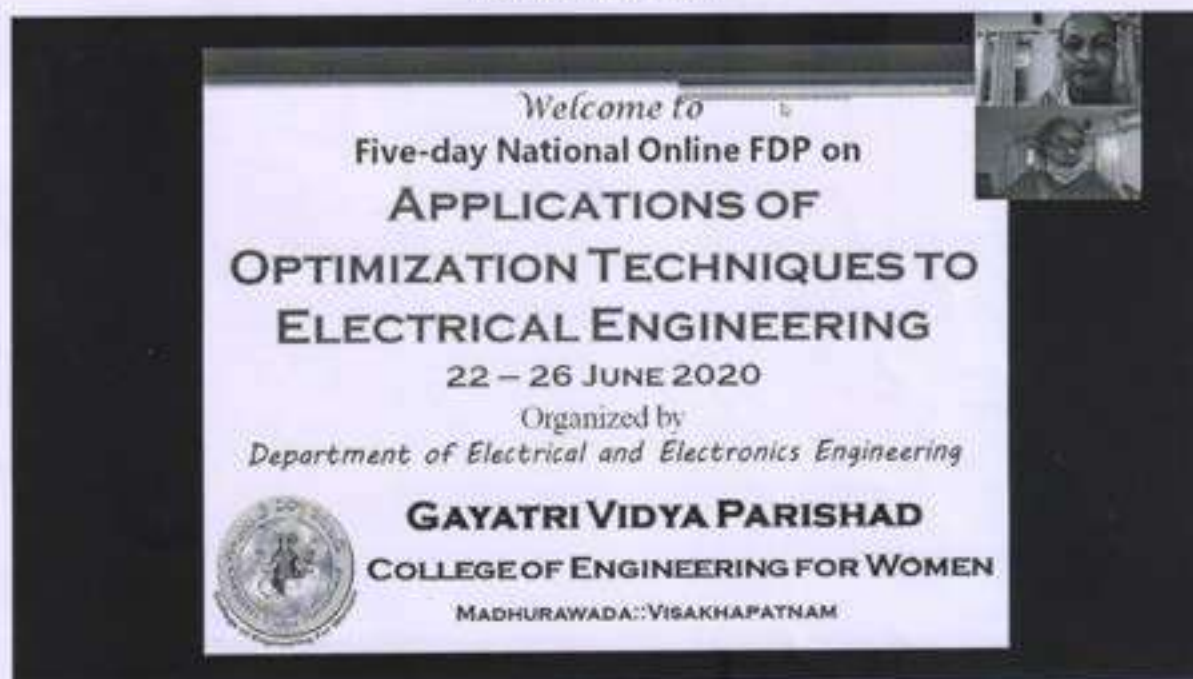
Gayatri Vidya Parishad College of Engineering for Women
Madhurawada::Visakhapatnam
(Affiliated to JNTUK, Approved by AICTE, New Delhi)

Department of Electrical and Electronics Engineering

Report on A Five day online FDP on

"Applications of Optimization Techniques to Electrical Engineering"

22-26 June, 2020



Day 1: 22-06-2020

On day 1, the FDP has started with the inaugural function. Dr. P. Devendra, convener of the FDP has addressed the gathering and delivered the welcome note. Dr. R V S Lakshmi Kumari, Head of the department has also delivered the welcome note and the invited the speaker to start the session.

Speaker: Dr. Shankar Pedapati, Assistant Professor, Department of EE, NIT AP.

Title of the talk: Introduction to Few Optimization Techniques

The speaker has highlighted the importance of the optimization and its application to electrical engineering. Further, optimization techniques to the PV system, especially during partial shading conditions has been detailed. The formulation of objective function and the ways to obtain the solution using Genetic Algorithm has been discussed as a case study. Also, Fire flies algorithm has been explained and the optimization problem has been formulated for partial shading problem.





Gayatri Vidya Parishad

College of Engineering for Women

Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada
Madhurawada, Kommadi, Visakhapatnam - 530048

Accredited by
NBA
NATIONAL BOARD
OF ACCREDITATION
B.Tech ECE, CSE, IT
Valid from: 2019-20
to 2021-22

Department of Electrical and Electronics Engineering

Certificate of Participation

This is to certify that Mrs. A S V Vijaya Lakshmi of Gayatri Vidya Parishad College of Engineering for Women has participated in a One Week online National FDP on "**APPLICATIONS OF OPTIMIZATION TECHNIQUES TO ELECTRICAL ENGINEERING**" from **22-06-2020 to 26-06-2020**, organized by Department of Electrical and Electronics Engineering, Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam.

Dr. P. Devendra
26.06.2020

Dr. P Devendra
Convenor

R.V.S. Lakshmi

Dr. R V S Lakshmi Kumari
HoD-EEE

Prof. K V S Rao
26.06.2020

Prof. K V S Rao
Principal



Two Day Faculty Development Program

on

Data Mining using WEKA Tool

(15th - 16th Nov, 2018)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gayatri Vidya Parishad College of Engineering for Women

About the Program:

As a part of the initiative of the college to enhance the learning and teaching skills of engineering faculty, a Faculty Development Program (FDP) on "Data Mining using WEKA Tool" is intended to be conducted during 15th - 16th Nov, 2018. The Two Day Workshop will deal with Machine Learning Tool WEKA in Data Mining with live data. Hands-on experience will be provided to the participants.

Resource Persons:

1. PROF. DR. N. B. VENKATESWARLU,
M.Tech (IIT Kanpur), Ph.D (BITS, Pilani)
Professor, Department of CSE & IT GVP
College of Engineering for Women

2. Ms. B. Jaya Lakshmi,
Assistant Professor,
Department of IT, GVPCE

3. Ms. P. Sridevi,
Assistant Professor,
Department of CSE, GVPCEW

Eligibility:

The program is open to the faculty of GVPCEW.

Pre-Requisites: Data Mining concepts

Registration Fee Particulars:

Free for Faculty of all departments of GVPCEW

About the Institution:

Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam is a reputed educational institution offering excellence in engineering education especially for women. The college is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK) and is approved by AICTE, New Delhi. The college is established and managed by Gayatri Vidya Parishad Society. The Society was founded by committed academicians, industrialists, philanthropists and educationists. The founder President of the society was a renowned economist from Andhra University, later served as Vice-Chancellor of Acharya Nagarjuna University and the subsequent presidents were too renowned elites of city of Visakhapatnam.

About the Department :

Computer Science and Engineering (CSE) is a highly interdisciplinary area spanning a broad range of science and engineering topics. The department of CSE at G.V.P. College of Engineering for Women provides a good knowledge environment complemented by excellence in teaching. The strength of the department lies in its dedicated faculty who deliver top class student-centric teaching.

The Department of Information Technology (IT) at GVPW aims to equip the students with fundamental concepts and techniques of computing and applications relevant to emerging technological advancements.

CHIEF PATRON:

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PROF. DR. ING. P. S. RAO, VICE PRESIDENT, GVP
PROF. DR. P. SOMARAJU, SECRETARY, GVP

CHIEF PATRONS:

PROF. DR. E. V. PRASAD, PRINCIPAL, GVPCEW
PROF. DR. G. SUDHEER, VICE PRINCIPAL GVPCEW

ADVISORY COMMITTEE:

PROF. P. LAKSHMI JAGADAMBA, HEAD, CSE
MR. C. SRINIVAS, ASSOC. PROF. HEAD, IT

CO-ORDINATOR:

MS. P. SRI DEVI

ASST. PROF. CSE Department



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Affiliated to JNTUK, Kakinada, Approved by AICTE, New Delhi)

Two Day Faculty Development Program

ON

Data Mining using WEKA Tool

The schedule is as follows.

Date	Time and Duration	Expert Lecture by
15-11-2018	12:30 PM to 2:00PM	Ms. P Sridevi, Assistant Professor, Department of CSE, GVPCEW
15-11-2018	2:00 PM to 5:00 PM	Ms. B. Jaya Lakshmi, Assistant Professor, Department of IT, GVPCE
16-11-2018	9:00 AM to 12:00 Noon	Prof. N B Venkateswarlu, Professor, Department of CSE, GVPCEW
16-11-2018	2:00pm to 5pm	Lab Sessions on WEKA Mrs.P.Sridevi Department of CSE GVPCEW

Alaish
HOD-CSE





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Affiliated to JNTUK, Kakinada, Approved by AICTE, New Delhi)

Workshop Summary Report on Two Day Faculty Development Program ON Data Mining using WEKA Tool November, 2018

GVP College of Engineering for women has conducted a two day Faculty Development Program on WEKA Tool for the faculty of Computer science engineering (CSE) and the Department of Information Technology. The FDP is conducted on 15th and 16th of November, 2018. Three resource persons, one Ms. B. Jaya Lakshmi, Assistant Professor, Department of IT, GVPCE (A), and PROF. DR. N. B. Venkateswarulu Professor, Department of CSE & IT GVP College of Engineering for Women and Mrs. P. Sridevi, Assistant Professor, Department of CSE, GVPCEW have carried out the workshop that included Theoretical and hands on practical sessions. The College has provided the computer lab with a capacity of 60 high end systems and a high speed internet access.

The objective of the FDP is to provide an understanding of the WEKA 3.8 tool to the faculty who are interested in teaching a course in Data Mining and also faculty who handle the lab sessions as part of the curriculum.

DAY-1:

- 12:00 – 2:00pm a formal inaugural has been made where the HOD of CSE and IT along with the faculty of other departments were present.
- 2:00pm-5:00pm Talk on Introduction of WEKA Tool and the Machine Learning Algorithms in the tool was delivered by Mrs. P. Sridevi. All the faculty were taught to download the open source software and install in the systems. The datasets required for the FDP were also downloaded along with the sample datasets provided by the tool.



Day-2:

- 10.00am-1.30pm Data mining Concepts like Supervised learning, Unsupervised Learning and Association rule mining algorithms were explained by Prof. N.B.Venkateswarulu and how this tool can be helpful in performing analytics and visualization.
- 2:00pm – 5:00 pm Practice Session for all the faculty were done in the computer lab where Ms. B.Jaya Lakshmi explained all the components of the tool and how the various algorithms can be implemented. Preprocessing techniques, Visualisation and the how analysis can be made was well explained.



Two Day Faculty Development Program ON

Data Mining using WEKA Tool

Semester I

Attendance Sheet 1

1. Dr. PVSL Jagadamba	Professor	CSE	Mahalingam
C. SRINIVAS	Asst. Prof	IT	Mani
3. V. Lakshmana Rao	Asst. Prof.	IT	Dr. V.
4. Dr. M. B. Sridhar	Assoc. prof	CSE	MB
5. G. Tirumeti	Asst. prof	IT	G. Tirumeti
6. K. NAGARAJU	Asst. Prof	CSE	K. Nagaraju
7. S. Sumahasan	Asst. Prof	CSE	S. Sumahasan
8. K. Praveesholam Naidu	Asst. prof	CSE	K. Praveesholam Naidu
9. B. V. Jayalakshmi	Asst. prof	CSE	B. V. Jayalakshmi
10. A. Uday Kumar	Asst. prof	IT	A. Uday Kumar
11. G. SANKARA RAO	Asst. Prof	IT	G. Sankara Rao
12. M. SWAPNA	Asst. Prof	IT	M. Swapna
13. B. Dhamini	Teaching Assistant	CSE	B. Dhamini
14. K. Rohini	Assistant Professor	CSE	K. Rohini
15. K. Rohini K. Surekha	Asst. prof	IT	K. Rohini K. Surekha
16. K. N. S. Chitra	Assistant Professor	CSE	K. N. S. Chitra
17. D. Indu	Asst. professor	CSE	D. Indu





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Faculty Development Program on WEKA Tool

Photos



About the Institution:

The Gayatri Vidya Parishad College of Engineering for Women was established under the aegis of Gayatri Vidya Parishad (GVP) an educational society founded by a group of eminent educationists, academicians, industrialists, and philanthropists of Visakhapatnam. GVP is a partner in an Indo-German collaborative institute viz., Indo-German Institute of Advanced Technology jointly organized by Govt. of India, Govt. of AP and German Government. The society has an engineering college, GVP College of Engineering, Autonomous is accredited by NAAC & NBA, affiliated to JNTUK Kakinada, granted the autonomous status from UGC, and received funds from the technical education quality improvement program phase II (TEQIP-II).

In tune with the government's idea of empowering women in the technological and engineering fields, the society has established this second engineering college exclusively for women in the year 2006. The GVP College of Engineering for Women is a self-financed institution offering excellence in engineering education to empower women in technological and engineering fields. The college is affiliated to Jawaharal Nehru Technological University, Kakinada (JNTUK) and is approved by AICTE, New Delhi. The GVP College of Engineering for Women has very good infrastructural facilities, e-class rooms, and well equipped laboratories. This college has well qualified faculty to train the youngsters who are in pursuit of their professional careers for the following courses offered by the institute.

- Computer Science and Engineering (CSE)
- Information Technology (IT)
- Electronics and Communication Engineering (ECE)
- Electrical and Electronics Engineering (EEE)

Site Map



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President, Gayatri Vidya Parishad

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Vice-President, Gayatri Vidya Parishad
Prof. Dr. Ing. P. Srinivasa Rao
Vice-President, Gayatri Vidya Parishad
Prof. Dr. P. Somaraju
Secretary, Gayatri Vidya Parishad

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Prof. C. Bhaskara Sarma, Director, GVPCEW

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Dr. Dwiti Krishna Bebartha
Associate Professor, CSE

Co-ordinator
Sri S. Somahasan
Asst. Professor, CSE

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Sri C. Srinivas, HoD, CSE & IT
Mrs. A.S.V. Vijaya Lakshmi, IC HoD, TEE
Dr. K. L. Sri Prasad, HoD, BSSM
Dr. N. B. Venkateswara, Professor, CSE
Dr. P. V. S. Lakshmi Jagadeesha, Professor, CSE
Dr. M. Dhenu Sridhar, Associate Professor, CSE
Dr. N. Sharmila, Associate Professor, CSE



A Three-Day National Workshop
on

BIOLOGICAL INSPIRED COMPUTING & APPLICATIONS
(BICA - 2018)

Sponsored by
Science and Engineering Research Board
Department of Science & Technology
India

09-11 March, 2018



EAMCET Counseling Code - GVPB

Organized by
Dept. of Computer Science and Engineering
GVP College of Engineering for Women
Visakhapatnam-530048, AP, India

Affiliated to JNTUK, Kakinada
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OBJECTIVE

In recent times computational algorithms inspired by biological processes and evolution are gaining much popularity for solving science and engineering problems. These algorithms are broadly classified into evolutionary computation and swarm intelligence algorithms, which are based on the analogy of natural evolution and biological activities. These biological inspired computing methods include genetic algorithms, differential evolutionary algorithms, firefly algorithms, particle swarm optimization, and colony optimization, etc. These methods have provided novel ways of problem-solving for real world problems in the field of networking, games, industry, robotics, economics, electrical, electronics, mechanical, civil and others. Therefore the primary objective of this workshop on "Biological Inspired Computing and Applications (BICA-2018)" is to provide a platform for students, teachers, researchers and practitioners of artificial intelligence and engineering communities to encourage scientific research on biological inspired computing and applications in various science and engineering fields.

On this ground, GVP College of Engineering for Women, Komrad, Madhuvada is organizing a National Workshop on Biological Inspired Computing and Applications (BICA-2018) during 09th - 11th March, 2018. The principal goal of this workshop is to introduce some of the advanced topics on biological inspired computing methods and its applications to enhance the skill level of participants to encourage scientific research within these areas.

WORKSHOP SYLLABUS:

Biological Inspired Computing Algorithms:

- Genetic Algorithms (GA) and multi objective GA
- Differential Evolution, Firefly Algorithms
- Particle Swarm Optimization
- Ant Colony Algorithms

Applications:

- Information Systems and Business Intelligence
- Biometrics
- Function Minimization and parameter estimation using GA & PSO

Laboratory Sessions

- MATLAB Programming on Soft Computing Tools
- MATLAB Programming on Evolutionary Computing
- MATLAB Programming on Applications

RESOURCE PERSONS

TECHNICAL SESSIONS

- Prof. Ganapati Panda, IIT Bhubaneswar
- Prof. B.K. Panigrahi, IIT Delhi
- Dr. G. S. Ramamurthy, IIT, Hyderabad
- Dr. Binendra Bhowal, GVPCE (A), Vishakhapatnam

LABORATORY SESSIONS

- Ms. Saumita Pandey, PhD Scholar, IIT, Kharagpur

ELIGIBILITY

Faculty members of Engineering / Polytechnic colleges approved by AICTE / Researchers / Industry Professionals / PG Scholars are eligible.
Desirable: Soft computing knowledge.

REGISTRATION:

Faculty / Research scholars: Rs. 1000/-

Industry Professionals: Rs. 2000/-

PG Scholars: Rs. 500/-

Participants can register by sending the registration form along with demand draft (DD) drawn in favor of Principal, GVP College of Engineering for Women payable at Vishakhapatnam should reach the Convener on or before 07th March 2018.

Note: The registration fee includes Registration Kit, Snacks and Lunch. Accommodation will be provided to participants on request at extra cost.

Mailing Address:

Dr. D. K. Behera

Convener (BICA - 2018)

GVP College of Engineering for Women,

Komrad, Madhuvada

Vishakhapatnam - 530048, AP India

Mob: +91 8374556118, +91 9440614719

Phone: 0891 - 2735144 / 2719124 / 2719125 / 2719127

Fax: 0891 - 2525639

e-mail: bica2018@vpcew.ac.in,
kumabehar@vpcew.ac.in

Committee Members

- Mrs. P. Sridevi, Asst. Professor, CSE
- Mr. B.L.V. Vinay Kumar, Asst. Professor, CSE
- Mrs. R. Seeta Suresha, Asst. Professor, CSE
- Mrs. K. Rohini, Asst. Professor, CSE
- Mr. K. Purushotham Naidu, Asst. Professor, CSE
- Mrs. B. Vijaya Lakshmi, Asst. Professor, CSE
- Mr. K. Nagaraja, Asst. Professor, CSE
- Ms. Ch. Gopika, Asst. Professor, CSE
- Ms. Y. Soumya, Asst. Professor, CSE
- Ms. D. Indu, Asst. Professor, CSE
- Mrs. V. Gowthami, Asst. Professor, CSE
- Mrs. K.N.S. Chitra, Asst. Professor, CSE
- Mrs. R. Sridevi, Asst. Professor, IT
- Mrs. K. Suneetha, Asst. Professor, IT
- Mr. V. Lakshmana Rao, Asst. Professor, IT
- Mr. A. Uday Kumar, Asst. Professor, IT
- Mr. Ch.V.V.D. Prasad, Asst. Professor, IT
- Mr. M. Sarithash, Asst. Professor, IT
- Mr. G. Sankara Rao, Asst. Professor, IT
- Mrs. M. Swapna, Asst. Professor, IT
- Mrs. M. Deepthi, Asst. Professor, IT

Technical Support Staff

- Mr. K. Sanibabu
- Mr. G. Appayya



BIOLOGICAL INSPIRED COMPUTING AND APPLICATIONS (BICA – 2018)

1. **Name of Academic Institution / University / Society etc., under whose auspices the Seminar / Conference / Workshop / Symposium etc., was organized:**
Gayatri Vidya Parishad College of Engineering for Women
2. **Title of the Seminar / Conference / Workshop / Symposium etc.:**
BIOLOGICAL INSPIRED COMPUTING AND APPLICATIONS (BICA – 2018)
3. **Duration / Period of the organized event:** 09th – 11th March, 2018
4. **Grant Sanctioned:** Rs. 100000.00/-
5. **Summary of the event (Max. 1000 Words):**

Gayatri Vidya Parishad College of Engineering for Women sincerely thanks SERB for providing the financial assistance to conduct the workshop at our institution on Biological Inspired Computing and Applications (BICA – 2018). The aim of the workshop was to improve the computing knowledge of the faculty and scholars from all branches of engineering disciplines. The sessions of the workshop were planned to provide both theoretical and hands-on experience to the participants. The laboratory sessions on soft computing tools and evolutionary algorithms using MATLAB are conducted to capture the attention of all the participants to realize the theoretical concepts. These concepts were well received and participants are also spent extra time in the laboratories to learn and understand the novel phenomena inspired from the nature for developing problem solving techniques to solve real-world problems such as to apply in healthcare, communications, information systems, business intelligence and many other fields.

Without participants, we cannot fulfill our objective of conducting a workshop of this nature. To support our event there are 57 delegates have participated the workshop, where 27 are registered from various institutions. The rest of the delegates were from our host Institution and are exempted from the registration fee.



The list of invited resource persons who delivered lectures on various Bio-Inspired and Soft Computing methods are listed below.

Resource Persons:

Key-note speakers

- Prof. B. K. Panigrahi, IIT Delhi

Technical Sessions

- Prof. Ganapati Panda, IIT Bhubaneswar
- Prof. B. K. Panigrahi, IIT Delhi
- Dr. G. S. Ramamurthy, IIIT, Hyderabad
- Dr. Birendra Biswal, GVPCOE (A), Vishakhapatnam

Laboratory Sessions

- Ms. Sasmita Panda, Ph.D. Scholar, IIT, Kharagpur

The list of topics covered by our invited resource persons is mentioned below.

Biological Inspired Computing Algorithms:

- Genetic Algorithms (GA) and multi-objective GA
- Differential Evolution, Fireflies Algorithms
- Particle Swarm Optimization
- Ant Colony Algorithms

Applications:

- Information Systems and Business Intelligence
- Biometrics
- Function Minimization and parameter estimation using GA & PSO

Laboratory Sessions:

- MATLAB Programming on Soft Computing Tools
- MATLAB Programming on Evolutionary Computing

We are very much happy that the Computer Science and Engineering department of GVP College of Engineering for Women has got the opportunity to conduct the three-day workshop on BIOLOGICAL INSPIRED COMPUTING & APPLICATIONS (BICA - 2018) which is extremely relevant in modern times of computing world.

We sincerely feel that the workshop was a tremendous success and we hope to conduct some more events of this kind with your kind support.



Participation Information:

S. No	Participation in the event	Nos.
I.	Key-note speaker	01
II.	Senior Scientist	04
III.	Young Scientist	01
IV.	Postgraduate Students from other colleges/institutions	06
V.	Undergraduate Students	12
VI.	Industry persons	00
VII.	Other category (Please specify each category)	
	Faculty from other colleges/institutions	21
	Faculty from GVPCEW	18







GAYATRI VIDYA PARISHAD College of Engineering for Women

Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada
Madhurawada, Kommadi, Visakhapatnam - 530 048.



CERTIFICATE

This is to certify that Mr/Ms/Dr ✓ Yalagani Saomya, Assistant Professor of
CSE Dept. GVPCEW has participated in a Three-day

National Workshop on "Biological Inspired Computing & Applications (BICA - 2018)", sponsored by
Science and Engineering Research Board, Department of Science and Technology, India organized by the
department of Computer Science and Engineering, Gayatri Vidya Parishad College of Engineering for
Women during 9th - 11th March, 2018.


Dr. D.K. Bebartha
Convener


Sri. C. Srinivas
Head of the Department


Prof. E.V. Prasad
Principal



One week Faculty Development Program

on

ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gayatri Vidya Parishad College of Engineering for Women

About the Program:

As a part of the initiative of the college to enhance the learning and teaching skills of engineering faculty, a Faculty Development Program (FDP) on "Analytics using R" is intended to be conducted during 13th - 17th Nov, 2017. The one week program will deal with Fundamentals of R programming, Descriptive Statistics and Predictive Analytics, Visualization in R with live data. Hands-on experience will be provided to the participants.

Selection Criteria:

Selection will be done based on *first-cum-first-serve* basis and the confirmed candidates will be notified by email. The maximum number of participants will be 50 (fifty). The list of selected participants will be intimated through e-mail. Candidates will be issued certificates on successful completion of the course.

Resource Person:

PROF. DR. N. B. VENKATESWARLU,
M.Tech (IIT Kanpur), Ph.D (BITS, Pilani)
Professor, Department of CSE & IT
GVP College of Engineering for Women

Eligibility:

The program is open to the *faculty and engineers* in Andhra Pradesh.

Pre-Requisites: Basic programming concepts

Registration Fee Particulars:

Faculty and Research Scholars: Rs 300/- (which includes working Lunch, Tea & Snacks)

The participants need to send a crossed demand draft (DD) drawn in favor of "Principal, GVP college of Engineering for Women" and payable at Visakhapatnam.

How to apply:

A filled-in form application in the prescribed format, duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator on or before last date by post / courier. Participants are requested to write their name and contact number on the backside of demand draft. It is also mandatory to send scanned application demand draft through e-mail to: analytics-r@gvpcew.ac.in as selection will be intimated only through e-mail.

Important dates:

Last date to receive application & DD : 11th Nov, 2017
Intimation by email : 12th Nov, 2017

About the Institution:

Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam is a reputed educational institution offering excellence in engineering education especially for women. The college is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK) and is approved by AICTE, New Delhi. The college is established and managed by Gayatri Vidya Parishad Society. The Society was founded by committed academicians, industrialists, philanthropists and educationists. The founder President of the society was a renowned economist from Andhra University, later served as Vice-Chancellor of Acharya Nagarjuna University and the subsequent presidents were too renowned elites of city of Visakhapatnam.

About the Department :

Computer Science and Engineering (CSE) is a highly interdisciplinary area spanning a broad range of science and engineering topics. The department of CSE at G.V.P. College of Engineering for Women provides a good knowledge environment complemented by excellence in teaching. The strength of the department lies in its dedicated faculty who deliver top class student-centric teaching.

The Department of Information Technology (IT) at GVPW aims to equip the students with fundamental concepts and techniques of computing and applications relevant to emerging technological advancements.

CHIEF PATRON:

SRI A. S. N. PRASAD, PRESIDENT, GVP

PATRONS:

SRI D. DAKSHINA MURTHY, VICE PRESIDENT, GVP
PROF. DR. JING P. S. RAO, VICE PRESIDENT, GVP
PROF. DR. P. SOMARAJU, SECRETARY, GVP

CO-PATRONS:

PROF. DR. E. V. PRASAD, PRINCIPAL, GVPCEW
PROF. DR. C. BHASKARA SARMA, DIRECTOR, GVPCEW

ADVISORY COMMITTEE:

PROF. DR. G. SUBBEE, VICE-PRINCIPAL, GVPCEW
MR. C. SRINIVAS, HEAD, DEPT OF CSE & IT
DR. D. N. MADHUSUDANA RAO, HEAD, DEPT OF ECE
MS. A. S. VIJAYA LAKSHMI, I/C HEAD, DEPT OF EEE
DR. K. L. SAI PRASAD, HEAD, DEPT OF BS&H

CO-ORDINATORS:

Mr. B. L. V. Vinay Kumar,
Assistant Prof., Dept of CSE & IT,
9989609433.
Mrs. K. Rohini,
Assistant Prof., Dept of CSE & IT,
9885886969.





One week Faculty Development Program

on

ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gayatri Vidya Parishad College of Engineering for Women

SPONSORSHIP CERTIFICATE

1. Name :

2. Designation :

3. Institution :

4. E-mail:

Mobile:

Dr. / Mr. /Ms

..... is an employee of
our Institute/Organization and is hereby sponsored to
participate in the FDP on **Analytics using R**, during 13th
Nov 2017 to 17th Nov 2017 at Dept. of CSE&IT,
GVPCEW, Visakhapatnam

Place:

5. DD No:

Bank:

Date:

Date:

6. Address for Correspondence

Signature of Head of Institution
(With seal)

7. Educational Qualifications with specialization:

8. Subjects taught so far:

Address for correspondence

Post your application form along with DD to

Mr. R.L.V.Vinay Kumar,
Assistant Prof., Dept. of CSE & IT,
GVPCEW, Madhurawada,
Visakhapatnam - 530048,
Mobile: 9989609433.

9. Experience (In years) :

Teaching:

Research:

Industry:

E-mail the scanned copies of filled-in and duly signed
application form along with DD to
analytics-r@gvpcew.ac.in

For more details visit: <http://www.gvpcew.ac.in>

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.

Place:

Date:

Signature of the applicant





Gayatri Vidya Parishad College of Engineering for Women

Kommadi, Madhurawada, Visakhapatnam-530048, AP, India

Approved by AICTE, Affiliated to JNTUK, Kakinada

Website: www.gvpcew.ac.in

One week Faculty Development Program

on

ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology

Gayatri Vidya Parishad College of Engineering for Women

A BRIEF REPORT

Name of the Program : Analytics using R

Type of the Program : Faculty Development Program

No. of days: 5 days (13-11-2017 to 17-11-2017)

Session Mode & Session Time : Offline & 10:00 AM to 04:00 PM

Day to Day Activity Report

Day 1: The session on Day 1 started with a formal inaugural, followed by the Principals Address and a brief introduction about the FDP by the FDP coordinator Ms.K Rohini.

After this our resource person Prof.Dr.N.B.Venkateswarlu started the session with Installation of R and as the day progressed the following topics were covered: Packages, Objects, Primitive Data Types, Console Calculations, R Programming-Structures, Operators, Vectors, Matrices & Arrays, Descriptive Statistics Data Frames. At the end of the session feedback from the participants have been collected.

Day 2: On Day 2 the following things were discussed : Factors, Lists, Functions, Apply family and dplyr. At the end of the session feedback from the participants have been collected.

Day 3 : On Day 3 the following things were discussed: Plotting-Base, Graphical parameters-par, Plotting, Histogram, scatter plots, ggplot1 and ggplot2. At the end of the session feedback from the participants have been collected.

Day 4: On Day 4 topics of day 3 were continued and in addition to it ggvis and 3D-Graphics were discussed. At the end of the session feedback from the participants have been collected.

Day 5 : On the final day of the FDP Regressions - Predictive Analytics, Correlation Analysis and Univariate distributions were discussed and the 5 days FDP was successfully completed . At the end of the session feedback from the participants have been collected.

A formal Valedictory session was conducted at the end of Day 5 with certificate distribution and a Vote of Thanks by FDP coordinator Ms.K Rohini.

Signature of Program Coordinator



Signature of HoD



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada, Visakhapatnam - 530 048

(Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada)

CERTIFICATE

This is to certify that Dr/Mr/Ms. S. SUMAHAN, Asst. Prof., CSE Dept. of
GVP College of Engineering for Women has attended One week Faculty
Development Program (FDP) on "Analytics using R", conducted by Department of Computer
Science & Engineering and Information Technology at Gayatri Vidya Parishad College of
Engineering for Women during 13th - 17th November, 2017.

[Signature]
Coordinator



[Signature]
Head of the Department

[Signature]
Principal

Gayatri Vidya Parishad
College of Engineering for Women
Visakhapatnam-530048



One week Faculty Development Program

ON ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gayatri Vidya Parishad College of Engineering for Women

REGISTRATION - FORM

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3	M. Deepthi	GVPCEW deepthi@gvpcew.ac.in	7675513667	Deepthi
* 4	K. Hari Kishan Asst Prof	GVPCE, Rushikonda Kishan.kondaveetil@gvpce.ac.in	9885366881	Kishan
5	A. Uday Kumar	GVPCEW uday@gvpcew.ac.in	9966003543	Uday
6	K. Nagarajulu	nag2230@gmail.com	9052729299	Nagarajulu
7	K. Sushat	sushat.ker @ outlook.com	9652304407	Sushat
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10	G. Shankara Rao	shankararao@gvpcew .ac.in	9490391501	Shankara
11	K. P. Naik	kpnaike @ gvpcew .ac.in	9963444002	Naik
12	P. SRI DEVI	psridevi@gnil ca.	9849119025	Sri Devi





One week Faculty Development Program

on ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gavathi Vidya Parishad College of Engineering for Women

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23	G. Tinfeti Asst. Prof.	GVPCEW gtinfeti@gvpcew.ac.in	9965169268	
24	Dr. D. K. Behera Asst. Prof.	GVPCEW dkbehera@gvpcew.ac.in	9440614718	





One week Faculty Development Program

on ANALYTICS USING R

(13th - 17th Nov, 2017)

Organized by

Dept. of Computer Science Engineering & Information Technology
Gayatri Vidya Parishad College of Engineering for Women

REGISTRATION - FORM

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27	VSSND Prakash	GUPCEW vssndprakash@gupcew.ac.in	9849411611	VSSND
28	V. Sreevidhya	GUPCEW sri.vythyandhan@gupcew.ac.in	9603030828	Sri
* 29	D.T.V. DHARMASEE RAO PROFESSOR	AITAM, Tekkal dharma.jee@aitam.com	9440951436	D.V. Dharmasee
30	B. Bharathi	GUPCEW bharathi.b@gupcew.ac.in	7207642040	B. Bharathi
31	M. Sandesh	GUPCEW mcsandesh@gupcew.ac.in	9490991271	M. Sandesh
32				
33				
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35				
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GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
MADHURAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A FDP on Analytics using R

PHOTOS





ABOUT THE INSTITUTION

The Gayatri Vidya Parishad College of Engineering for Women was established under aegis of Gayatri Vidya Parishad (GVP) an educational society founded by a group of eminent educationists, academicians, industrialists, and philanthropists of Visakhapatnam. GVP is a partner in an Indo-German collaborative institute viz., Indo-German Institute of Advanced Technology jointly organized by Govt. of India, Govt. of AP and German Government. The society has an engineering college, GVP College of Engineering accredited by NAAC & NBA, affiliated to JNTUK, Kakinada, granted the autonomous status from UGC, and received funds from the technical education quality improvement program phase II (TEQIP-II).

In tune with government's idea of empowering women in the technological and engineering fields, the society has established this second engineering college exclusively for women in the year 2008. The GVP College of Engineering for Women is a self-financed institution offering excellence in engineering education to empower women in technological and engineering fields. The college is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK) and is approved by AICTE, New Delhi. The GVP College of Engineering for Women has very good infrastructural facilities, e-class rooms, and well equipped laboratories. This college has well qualified faculty to train the youngsters who are in pursuit of their professional careers for the following courses offered by the institute

- > Electronics and Communication Engineering (ECE)
- > Computer Science and Engineering (CSE)
- > Information Technology (IT)
- > Electrical and Electronics Engineering (EEE)

About Department of ECE

The department of Electronics and Communication Engineering offers B.Tech degree in E.C.E and M.Tech degree program in VLSI and Embedded Systems. The department has a team of 23 dedicated and experienced faculty members of which 4 faculty hold Ph.D degree. The department has state-of-the-art laboratories with software and hardware to facilitate research in the areas of ECE.

CHIEF PATRON

Sri. A. S. N. Prasad

President, Gayatri Vidya Parishad

Patrons

Sri D. Dakshina Murthy

Vice-President, Gayatri Vidya Parishad

Prof. P. Srinivasa Rao

Vice-President, Gayatri Vidya Parishad

Prof. P. Somaraju

Secretary, Gayatri Vidya Parishad

Co-Patrons

Prof. E. V. Prasad

Principal, GVPCEW, Visakhapatnam

Prof. C. Bhaskara Sarma

Director, GVPCEW, Visakhapatnam

Advisory Committee

Prof. G. Sudheer, Vice-Principal, GVPCEW

Prof. K. Raja Rajeswari, Director (R&D), Former

Professor of E.C.E, AUCE(A), Visakhapatnam

Prof. D. N. Madhusudana Rao, HoD, ECE

Prof. Dr. V. Subrahmanyam, Professor, ECE

Prof. Dr. B.S. Murthy, Professor, ECE

Sri. C. Srinivas, HoD, CSE & IT

Smt. A.S. Vijayalakshmi, HOD, EEE

Coordinators

Dr. K. Srinivasa Rao

Associate Professor, ECE

Dr. P. Murali Krishna Prasad

Associate Professor, ECE

Organizing Committee

Dr. L. Ganesh

Mrs. B.V.S. Renuka Devi

Mrs. B. Vijaya Lakshmi

Mr. D.V.A.N. Ravi Kumar

Mrs. Ch. Sirisha

Mrs. M. Manikumar

Mr. N.V. Maheswar Rao

Mrs. B. Lakshmi

Mrs. N. Roopavathi

Mrs. L. Sarika

Mr. R. Sunil Kumar

Mr. P.V.K. Chaitanya

Mrs. J. Lavanya

Mr. S. Ramanjaneya Reddy

Mrs. R. Jalaja

Mrs. G.P.S. Prasanthi

Mrs. B. Divya Sathi



A Three-Day Faculty Development Programme

On
**SIGNAL PROCESSING AND
COMMUNICATION SYSTEMS**
15th – 17th November, 2017



Organized by
**Dept. of Electronics and Communication
Engineering**

**Gayatri Vidya Parishad College of
Engineering for Women**

Kommadi, Madhurawada

Visakhapatnam-530048, AP, India

Affiliated to JNTUK, Kakinada

Visit us at www.gvpcew.ac.in

OBJECTIVE

Over the last two decades, there has been tremendous growth in the development and application of signal processing algorithms. Rapid advances in communication Technology, computer and information technology, have spurred unprecedented research activities not only in the classical statistical signal processing, detection algorithms and spectrum estimation, but also in the emerging areas such as wireless communications, sensor signal processing, these have attracted considerable attention due to advances in signal processing and communication. This has resulted in the development of many novel and innovative signal processing algorithms and methods. Though most of these advanced algorithms and methods are already in use in many applications, they are still out of the basic curricula.

On this ground, GVP College of Engineering for Women, Kommadi, and Madhura is organizing a Faculty Development Programme on Signal Processing and Communication Systems during 15th - 17th November, 2017. The principal goal of this FDP is to introduce some of the advanced topics on Signal Processing, Communication Systems and its applications to enhance the skill level of participants to encourage scientific research within these areas.

Course Contents

- TMS320C6713 DSP Processors-Implementation of Digital filters, hands-on experience on DSP Processors
- Statistical Signal Processing, Spectrum estimation
- GPS, Wireless Communications

Route Map



RESOURCE PERSONS

1. Prof. G. Sasibhushana Rao, Professor & Head, Dept. of ECE, AUCE, Visakhapatnam
2. Prof. K. Raja Rajeswari, Director (R&D) GVPCEW, Former Professor of E.C.E., AUCE(A), Visakhapatnam
3. Prof. G.V.K. Sharma, Professor, Dept. of ECE, GITAM University, Visakhapatnam
4. Dr. D. Behera, Associate Professor, Dept. of ECE, GVPCE (A), Visakhapatnam.

Eligibility

Faculty members of Engineering / Polytechnic colleges approved by AICTE / Research Scholars / PG Students / Industry Professionals are eligible.

Registration

Faculty / Research scholars / PG Students: Rs.200/-
Industry Professionals: Rs.1000/-

Participants can register by sending the registration form along with demand draft drawn in favor of Principal, GVP College of Engineering for Women payable at Visakhapatnam should reach the Coordinator on or before 14th November, 2017. The registration fee includes Registration Kit and working lunch.

Mailing Address:

Dr. K. Srinivasa Rao
Coordinator
GVP College of Engineering for Women, Kommadi,
Madhura
Visakhapatnam-530048, AP, India
Mobile : +91 9494379031
Phone : 0891 - 2739144 / 2719124 / 2719125 / 2719127
Fax : 0891 - 2526639
e-mail : ksrinivas.ecce@gvpcew.ac.in

REGISTRATION FORM

A Three-day Faculty Development Programme On SIGNAL PROCESSING AND COMMUNICATION SYSTEMS

15th - 17th November, 2017

Participant's Name:

Qualification:

Department:

Organization:

Address for

Communication:

Cell:

E-mail:

Registration fee: Rs., by DD in favor of
Principal, GVP College of Engineering for
Women

DD No.:

Date:

Date: Signature of Participant

SPONSORSHIP CERTIFICATE

This is to certify that

Dr./Mr./Ms. is an Employee/Research Scholar of our institution/organization and is hereby sponsored to attend the three day Faculty Development Programme on Signal Processing and Communication Systems at GVP College of Engineering for Women, Madhura, Visakhapatnam during the period 15th - 17th November, 2017.

Date: Signature of Head of the Institution



Gayatri Vidya Parishad College of Engineering for Women

Kommadi, Madhurawada, Visakhapatnam-530048, AP, India

Approved by AICTE, Affiliated to JNTUK, Kakinada

Website: www.gvpcew.ac.in

Report on Three Day Faculty Development Program on "Signal Processing and Communication Systems" during 15th -17th Nov, 2017

Department of ECE, GVPCEW Visakhapatnam has organized three-day Faculty Development Programme on Signal Processing and Communication Systems during 15-17th November 2017. The goal of this FDP is to enrich the knowledge on Signal Processing and Communication systems and its applications to enhance the teaching abilities of the faculty in imparting the knowledge to the students and to encourage the participants and to encourage scientific research within these areas. Eminent professor and experts are invited to deliver the lectures on these three days.

Over the last two decades, there has been tremendous growth in the development and application of signal processing algorithms. Rapid advances in communication Technology, computer and information technology, have spurred unprecedented research activities not only in the classical statistical signal processing, detection algorithms and spectrum estimation, but also in the emerging areas such as wireless communications, sensor signal processing, these have attracted considerable attention due to advances in signal processing and communication. This has resulted in the development of many novel and innovative signal processing algorithms and methods. The digital signal processing field plays a vital role in all engineering fields like communications, electrical, mechanical, civil, bio-medical sciences, and earth sciences.

The programme was inaugurated by Chief Guest Prof. P.Mallikarjuna Rao, Professor of ECE, Andhra University. In the inaugural address, he spoke on the importance of the frequency spectrum and general principles of communication systems. Prof.MVS Sai Ram of GVP college of Engineering (A) was the guest of the honor for the inaugural function. In his speech, he traced the historical developments in communications, highlighting the latest trends.

The first day resource person Prof .GVK Sharma of GITAM University has given a demonstration lecture on DSP Processors, implementation of Digital filters using DSP Processor kit. This hand on experience will be very much useful to the



participants in handling the practical sessions. A Digital Signal Processor, or DSP, is a specialized microprocessor that has an architecture which is optimized for the fast operational needs of digital signal processing. The Digital Signal Processor (DSP) can process data in real time, making it ideal for applications that can't tolerate delays.

The second day morning session resource person Prof.K.Raja rajeswari former professor of Andhra University and Director (R&D) has covered the design of IIR and FIR digital filters. These topics are really helpful to the participants in teaching the digital signal processing subject. These digital filters are used for noise suppression of various signals such as speech signal, biomedical signals such as ECG signal etc. In the afternoon session, the resource person Dr.D.Bera of GVP college of Engineering (A) has delivered lecture on Probability theory, signal detection and decision theory. Signal detection is a means to quantify the ability to discern between information-bearing patterns and random patterns that distract from the information. The separation of such patterns from a disguising background is referred to as signal recovery.

In the third day morning session, Dr.D.Bera has covered estimation theory, Signal parameter estimation, cooperative localization in cognitive radio. Estimation theory deals with estimating the values of parameters based on measured empirical data that has a random component. It used in communication system design. These topics are very much essential to the participants, who want to pursue their research in the area of stastical signal Processing.

The third day afternoon session resource person Prof.G.Sasibhushana Rao of Andhra University has delivered lecture on machine learning algorithms. Machine learning that have evolved from the study of pattern recognition and computational learning theory in artificial intelligence. Machine learning explores the study and construction of algorithms that can learn from and make predictions on data. Machine learning is used in various applications such as image recognition, Speech recognition, Medical Diagnosis. This session is very much useful to the participants for continue their research in the area of machine learning.


Faculty Incharge




HoD-ECE
HEAD
DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
GVP COLLEGE OF ENGINEERING FOR WOMEN
WADHURAWADA, VISAKHAPATNAM-530 011



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada, Visakhapatnam - 530 048

(Approved by AICTE-New Delhi, Affiliated to JNTU/Kakinada)

CERTIFICATE

This is to certify that Br/Prof/Mr/Mrs/Ms G. P. S. Prasanthi
Assistant Professor, GVPCEW has participated in A Three day Faculty
Development Programme on "SIGNAL PROCESSING AND COMMUNICATION
SYSTEMS" held on 15th - 17th November, 2017 organized by Department of Electronics
and Communication Engineering at Gayatri Vidya Parishad College of Engineering for
Women.

Coordinator

Head of the Department

Principal



Principal
GVP College of Engineering for
Women
Visakhapatnam-48

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10-12-15
11-12-15

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17-33 III



**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR
WOMEN**

**Department of Electronics and Communication Engineering
is organizing**

Three Day Faculty Development Programme

on

"SIGNAL PROCESSING AND COMMUNICATION SYSTEMS "

During

15th - 17th November, 2017

ATTENDANCE SHEET

Morning 9:30-1:00

Date :15-11-2017

Time: 9:30 to 10:00;

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
(1)	DASARI TIRUMALARA0	Research Scholar Dept ECE, AVCE, VSKP	<i>[Signature]</i>
(2)	Y Ramu	GVPCEW, EEE	<i>Ramu</i>
(3)	Harsha goudi	GVPCEW, GCG	<i>Harsha</i>
(4)	N.V. Mahasrathi	G.V.P.O.E.W ECE	<i>[Signature]</i>
(5)	D.V.A.N. Ranikuma	GVPCEW EEE	<i>D.A.</i>
(6)	R. Sunil Kumar	GVPCEW (ECE)	<i>R. Sunil</i>
(7)	D. L. Ganesh	GVPCEW (GCG)	<i>L. Ganesh</i>
(8)	P.V.K. Chaitanya	GVPCEW (ELE)	<i>Chaitanya</i>
(9)	G. Rajeswar Rao	GVPCEW (ECE)	<i>G. Rao</i>
(10)	D. Srinivas Reddy	GVPCEW (EEE)	<i>D. Srinivas</i>
(11)	S. Ramajany Reddy	GVPCEW (ELE)	<i>[Signature]</i>
(12)	K.V.S. Ravi Teja	GVPCEW (A) ^{1st year} [ECE-CESP]	<i>K.V.S. Ravi Teja</i>
(13)	H. Appabao	GVPCEW (A) (ECE-CESP)	<i>H. Appabao</i>
(14)	K. Lokeshwara Rao	GVPCEW (A) (ECE-CESP)	<i>K. Lokeshwara Rao</i>
(15)	P. Purna Gayathri	GVPCEW (A) (ECE-CESP)	<i>P. Purna Gayathri</i>



**Orientation programs
Conducted on Quality issues
for Teachers and students**



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada :: Visakhapatnam - 530048

(Approved by AICTE, New Delhi and Affiliated to JNTU, KAKINADA)

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SCHEDULE OF THE STUDENT INDUCTION PROGRAM - 2020-2021

Date	Time	Program
06-01-2021	10.00 AM - 10.45 AM	Address by Vice Principal Dr. G.Sudheer, & Prof. Gosawmy, Department of ECE
	10.45 AM - 12.00 NOON	Web Designing through Dreamweaver and WIX by Mr. CH V V D Prasad/Mr. M.Santhosh
	12.00 NOON - 1.00 PM	Fundamental Physics in Daily Life - Mr. VVV Satyanarayana
07-01-2021	10.00 AM - 11.30 AM	Web Designing through Dreamweaver and WIX by Mr. CH V V D Prasad/Mr. M.Santhosh
	11.30 AM - 1.00 PM	Fundamental Physics in Daily Life - Mr. VVV Satyanarayana
08-01-2021	10.00 AM - 11.30 AM	Fundamental Physics in Daily Life - Mr. VVV Satyanarayana
	11.30 AM - 1.00 PM	Web Designing through Dreamweaver and WIX by Mr. CH V V D Prasad/Mr. M.Santhosh
18-01-2021	10.00 AM - 11.00 AM	Basic Mathematics - Dr. T. Poorna Kantha
	11.00 AM - 12.00 NOON	English - Dr. V Usha Ramani
	12.00 NOON - 1.00 PM	Basics of Computers - Mr. G Sankar Rao
19-01-2021	10.00 AM - 11.00 AM	Basic Mathematics - Dr. T. Poorna Kantha
	11.00 AM - 12.00 NOON	English - Dr. V Usha Ramani
	12.00 NOON - 1.00 PM	Basics of Computers - Mr. G Sankar Rao
20-01-2021	9.30 AM - 11.30 AM	Inspire students to Innovate - Dr. Ravi Saripalle Director, Centre for Career planning & Placement, GVP College of Engineering (A).



Date	Time	Program
21-01-2021	9.30 AM – 11.30 AM	Inspire students to Innovate - Dr. Ravi Saripalle Director, Centre for Career planning & Placement, GVP College of Engineering (A).
22-01-2021	9.30 AM – 11.30 AM	Personality Development - Ms. Nelu Jain , Emerge Finish Technology.
23-01-2021	9.30 AM – 11.30 AM	Role of Mathematics in Engineering - Dr. Rama Brahmam, TCS , Sr. Data Scientist
24-01-2021	9.30 AM – 11.30 AM	Engineer-Ethics-Society - Prof. Varadarajulu garu, GVPCE


Dr. G. Sudheer

(Vice-Principal)
G.V.P. College of Engineering for Women
Madhurawada
Visakhapatnam-530048





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INDUCTION PROGRAM - 2020-2021

Objective:

The objective of the Student Induction Program (SIP) is to

- ❖ help new students in adapting the new environment
- ❖ help them to build a bonding with peer group and the faculty.
- ❖ nurture a sense of greater purpose and self-exploration
- ❖ focus on ethical behaviour and moral fortitude
- ❖ provide adequate foundation in the core applied Science subjects, Computational aspects and English

The First-year admission took place in three phases. The first phase was during 4th - 18th January 2021. The second phase of admission was during 27th January to 1st February and the final phase of admissions were during 7th -11th February 2021. SIP has been conducted in Blended mode. The program has been conducted over a period of 10 days between 6th January to 25th January.

Day 1 (6th January): The student induction program was initiated by Prof. G.Sudheer, Vice Principal and Prof Goswamy, Department of Electronics and Communications. The Vice Principal outlined the facilities in the college and introduced the Heads of various Departments, Training and Placement officer and the first-year faculty. He also explained various committees and clubs present in the college.

Prof. Goswamy has spoken about the role of engineer in society and time management. Through his speech he made the students aware of their duties and responsibilities towards society as an Engineer. Later, students visited computing labs.

Day 2&3 (7th -8th January): The second day of the SIP was conducted by Mr.VVV Satyanarayana (Department of Physics), Mr. ChVVD Prasad, Mr. M. Santhosh (Department of IT). Students were shown different projects developed by their seniors by Mr. VVV Satyanarayana, students were asked about their areas of interests and regarding the science projects carried out in the school level. Further he spoke on Physics in Daily Life and



fundamentals to lay foundation to take up further courses in Engineering. His sessions were spread on 7th and 8th of January for two hours on each day.

The second session was carried out by Mr. ChVVD Prasad, Mr. M. Santhosh. Students were explained different computational facilities and fundamentals of computers which are essential for students of all branches. To inculcate interest and joy in learning computing/technology hands on sessions were carried out on web designing using Dreamweaver. Two sessions were conducted with a span of two hours on 7th and 8th of January. Students enjoyed the sessions and could able to create their own webpages at the end of the session.

After Pongal vacation from 09-01-2021 to 17-01-2021. The second phase of SIP commenced on 18-01-2021.

Day 4 & 5 (18th and 19th of January):

The first two days of the second phase of the SIP was coordinated by Dr. T.Purnakantha (Department of Mathematics), Dr. V.Usha Ramani (Department of English) and Mr. G. Sankar Rao (Department of CSE) with the objective of providing foundation in the Mathematics, Computational aspects and English.

The sessions conducted by Dr. T. Purnakantha were aimed at explaining:

- Assessing the knowledge of different concepts of Mathematics like calculus, vector algebra, Matrix algebra etc.
- The Fundamentals of Mathematics essential in engineering
- Applications of Mathematics in Engineering with live examples.

The sessions conducted by Mr. G. Sankar Rao were aimed at explaining:

- Fundamentals of Computers which includes basic working of computers, History of computing
- Orientation to the programming concepts
- Basic and emerging concepts and applications of computer science

The sessions conducted by Dr. V. Usha Ramani were aimed at explaining:

- The necessity of proficiency in written and spoken English
- Basic etiquette and conversational English tips

Literary activities like Group discussion, self-introduction were carried out.



The SIP was conducted in a blended mode according to the covid situations in the state. The Induction program was conducted in online mode from 20th January 2021. Zoom has been used as platform to conduct SIP from 20th – 25th January 2021.

Day 6 & 7 (20th & 21st of January):

The speaker of Day six and seven of SIP was Dr. Ravi Saripalle, Director, Centre for Career planning & Placement, GVP College of Engineering (A). The essence of his sessions was to Inspire students to Innovate. In his lecture he explained how to get inspired to invent new things by giving so many real time examples. He also stressed upon the responsibility of an Engineer towards the society. He spoke about some of the achievements of Alumni and cited live examples of few youngsters who succeeded on account of their passion for leading a good life. He concluded his session by shedding light on the carrier opportunities in different fields.

Day 8 (22nd January):

Ms. Neelu Jain from Emerge Finishing School, Kolkata along with Ms. Dhairya, Alumni VIT Vellore conducted a motivational session on Day 8 of SIP. Ms Dhairya has given her experiences in pursuing her engineering and explained how she has overcome the hurdles in her way. She gave few tips in setting and achieving the goals. She interacted with the students and answered their queries. Second session was carried out by Ms. Neelu Jain. Her talk was about Myth and Facts about Engineering. She has given tips on how to be Industry ready at the end of the graduation.

Day 9 (23rd January):

Dr. G. Sitarama Brahmam, Sr. Data Scientist, TCS Hyderabad has handled the 9th day of SIP. He stressed upon the Role of mathematics in engineering and referred STEM (Science, Technology, Mathematics and Engineering) as pillars of the growth. He explained as to how mathematics acts as an underlying current in the recent developments of Science, Technology and Engineering. He briefed some of the Machine Learning algorithms developed using the concepts of Mathematics. Through his lecture he encouraged the students to have strong base in core applied science subjects.

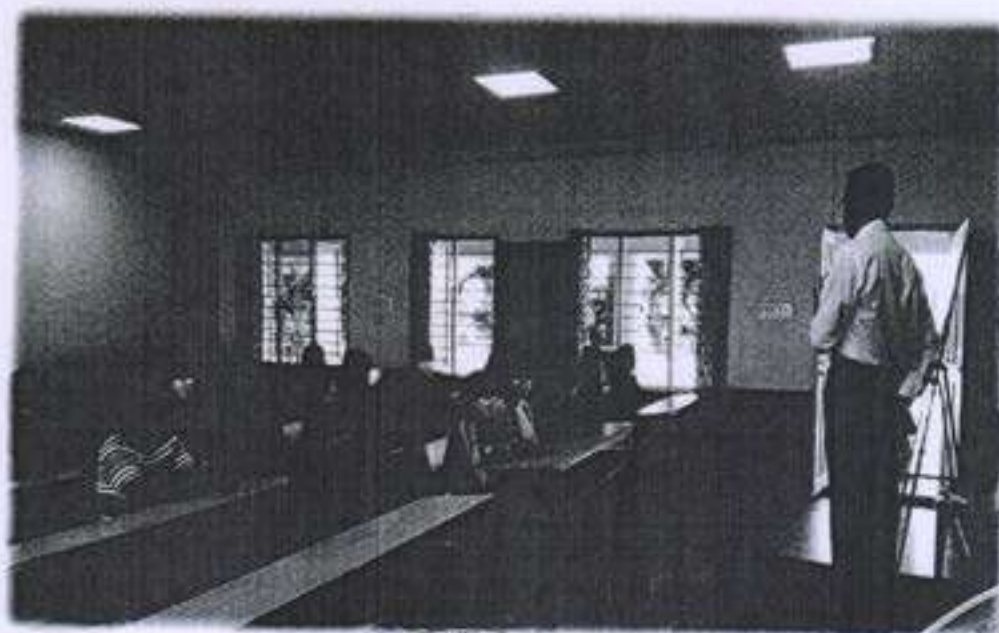
Day 10 (25th January):

Prof. Varadarajulu garu, GVP College of Engineering (A) gave his lecture on Engineer-Ethics-Society on the last day of the SIP. He made the students understand the role of engineer in the



society and necessity of Ethical mind of an engineer. He explained the impact of these factors on human society with real time examples.

Day 1:



18

Outcome: The entrants, received optimum benefit from the programme. With the fulfilment of the stated objectives. The program was successful in helping students to enhance their academic status and developing their soft skills which are essential to a good start to their undergraduate studies.


Dr. A. SUSEELATHA
I YEAR CO-ORDINATOR


Dr. G. SUDHEER
VICE-PRINCIPAL

Dr. G. SUDHEER
VICE-PRINCIPAL
Vishakhapatnam-530048

08-01-2021

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

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INDUCTION PROGRAM

2020 - 2021




Attendance Sheet

S.No	Name	Rank	Branch	Sign
1	A. Sravan	46821	CSM	A. Sravan
2	MALLI SAHITHI	39894	CSE	M. Sahithi
3	G. Harika	24421	ECE	G. Harika
4	N. Sriya	60838	CSE	N. Sriya
5	A. Hema Sai Supraja	16955	CSM	A. H. Supraja
6	Arifa Hussain	32894	CSE	Arifa
7	V. Girishma	27319	IT	V. Girishma
8	G. Praveena	35,700	ECE	G. Praveena
9	Sanapala Bhagyashree	34030	CSM	Sanapala B. S.
10	M. Deepthi	12092	CSE	M. Deepthi
11	K. Lahari	47274	EEE	K. Lahari
12	N. Amrutha	10316	CSM	N. Amrutha
13	K.B.S. Anjali	19040	IT	K. Anjali
14	A.L. Chaitanya	46910	EEE	A. Chaitanya
15	Ch. Shamitha	10161	CSE	Shamitha
16	Jy. Ruth Angel Gamine	32,295	CSE	Jy. Gamine
17	Ch. Meghana	12,131	CSE	Highamby



Signature of the Faculty

- 1)
- 2)
- 3)

17) 
27) 
37) 

Contents

- Introduction
- What is Engineering
- What are the opportunities post engineering
- What is expected from engineers and engineering students
- How to study engineering and what are the prerequisites
- Importance of extra curricular activities
- Pillars of success
- Importance of Internship and other qualifications (programming)
- Importance of Mini Projects and Projects
- Importance of Hackathons
- Time management
- Professional Membership
- Discussions



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

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I B. TECH I SEM TIME TABLE FOR ONLINE CLASSES FROM 04-02-2021 TO 06-02-2021

DATE	TIME	BRANCH	SUBJECT NAME	FACULTY NAME	To join the meeting click on the following link
04-02-2021 & 05-02-2021	9.30 AM – 11.30 AM	CSE, CSM, IT, ECE, EEE	PROGRAMMING FOR PROBLEM SOLVING USING C	PROF. DR. N.B. VENKATESWARLU	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHE4cUZAuRUs4VzdxZmllLzZ09 or Meeting ID: 876 0521 6869 Passcode: 709453
	11.30 AM – 11.45 AM			BREAK	
	11.45 AM – 12.35 PM	CSE, CSM, IT, ECE, EEE	MATHEMATICS – I (Calculus and Differential Equations)	DR. A. SUSEELATHA	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHE4cUZAuRUs4VzdxZmllLzZ09 or Meeting ID: 876 0521 6869 Passcode: 709453
	12.35 PM – 2.00 PM			LUNCH BREAK	
	2.00 PM – 2.50 PM	CSE, CSM, IT, ECE, EEE	ENGLISH (Communicative English)	DR. CH. ALEKHYA/ DR. V. USHA RAMANI	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHE4cUZAuRUs4VzdxZmllLzZ09 or Meeting ID: 876 0521 6869 Passcode: 709453
		CSE, IT	APPLIED PHYSICS	MR. VVV SATYANARAYANA	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHE4cUZAuRUs4VzdxZmllLzZ09 or Meeting ID: 876 0521 6869 Passcode: 709453
	3.00 PM – 3.50 PM	ECE, CSM	APPLIED CHEMISTRY	MR. S. ASHOK	Link - 2: [Join Zoom Meeting] https://us02web.zoom.us/j/83897932818?pwd=ZDZjZmllLzZ09nRm9HO1VaeTR6K2lCU09 or Meeting ID: 838 9793 2818 Passcode: 049952
		EEE	MATHEMATICS – II (Linear Algebra and Numerical Methods)	MR. VSVD PRAKASH	Link - 3: [Google Meet] https://meet.google.com/crm-bekxh-of



06-02-2021	9.30 AM – 11.00 AM	CSE, CSM, IT, ECE, EEE	MATHEMATICS – I (Calculus and Differential Equations)	DR. A. SUSEELATHA	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHhE4eUzZaRUxkVkdxdmJldz09 or Meeting ID: 876 0521 6869 Passcode: 709453
	11.00 AM – 11.15 AM	BREAK			
	11.15 AM – 12.45 PM	CSE, CSM, IT, ECE, EEE	EXPERT LECTURE	PROF. DR. R.K.GOSWAMI	Link - 1: [Join Zoom Meeting] https://us02web.zoom.us/j/87605216869?pwd=WXpMYGJBRHhE4eUzZaRUxkVkdxdmJldz09 or Meeting ID: 876 0521 6869 Passcode: 709453





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada : : Visakhapatnam – 530 048

I.B.TECH INDUCTION PROGRAMME REPORT

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada : : Visakhapatnam – 530 048

I.B.TECH INDUCTION PROGRAMME LETTER

Objective: The objective of the program is to make the students comfortable in their new environment, develop a passion for learning, help them open up and create a bonding in their batch as well as between the faculty and their seniors. The basic idea is to develop awareness regarding their understanding of the self, people around them, society and nature.

The following major activities were planned in which the students were engaged for the entire direction of the programme. The activities include

1. Physical Activity
2. Creative Arts
3. Human Values
4. Literacy Activities
5. Expert Talks
6. Visit to all Departments

The First year admissions took place in three phases. The first phase was during 1st – 9th July 2019. The Second phase of admissions was during 10th-12th August and the final phase of admissions during 21st-22nd August, 2019. The affiliating University JNTUK has scheduled the class work from 26th August 2019. The period from 7th August 2019 to 24th August 2019 has been utilised for Orientation as well as Induction Programme.

The first phase of admissions began on 10th August and went on for three days.

Day 1 (7th Aug, 2019)

1. The first day of the Induction programme with an introduction to the role of Basic Sciences in Engineering. The students were shown different projects developed by their seniors. This was taken up by Mr. VVV Satyanarayana, Asst. Professor in the department of Physics. The students were asked about their interest and hobbies and regarding Science projects carried out in their school. The session was for two and a half hours.
2. The second session of the day was by Dr. A. Suseelatha, Asst Professor the department of Mathematics. The session was conducted to serve the following purposes:
 - i) Mathematics Fundamentals are sufficient for Engineering
 - ii) The idea in Engineering is not verification of facts but application of techniques.
 - iii) The students were asked to come out with their views on Mathematics and their feelings regarding Applicators.

The session was for another two and a half hours.





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada : : Visakhapatnam – 530 048

I.B.TECH INDUCTION PROGRAMME REPORT

- i) First session was by Dr.T.Poornakantha: Gave an Introduction to Engineering Mathematics and its applications in various fields.
- ii) Second session was carried out by Ms.B.V.Ramani: Literary activities were carried out.

17th August, 2019

Dr. Rajani, Principal, GVP college for Degree & PG courses conducted a One-hour session on Time management and shared the need for Women Empowerment. This session was followed by a three hour session by Dr.C V K Bhanu, GVPCE(A) on Engineering Principles and their role of Engineering in Society. The stress was on ethics and human values.

As every engineering student should be proficient in atleast one Programming Language, students were asked to familiarize themselves with the basic programming concepts.

19th August, 2019

- i) An Orientation programme was conducted as on 19th August, 2019. All the HODs were introduced to the students by the Vice-Principal.
- ii) The HODs gave an overview of the facilities of the Department. The presentations given by the HODs outlined these features.
- iii) The Vice-principal outlined the facilities in the college and the availability of contacts of the Anti-ragging committee.

20th August, 2019

- i) Prof. Dr. B.S. Murthy, Visiting Professor, Department of ECE conducted Orientation class on Communication Technologies. He briefed the students about Mobile and Satellite Communication also.
- ii) The session was followed by a session on Life skills by Ms. Ch Alekhya.

21st August, 2019

- i) Two prominent persons have been requested to conduct sessions on this day. The first session was by Sri. A Chakravarthy, Deputy Chief Vigilance Officer, Dredging Corporation of India. He enlightened the students on how to overcome fear and settle in life.
- ii) The next session was by Prof. Dr. P Venkat Rao, Dean, Placements, GVPCE(A). He delivered talk on the Placements in the campus and enlightened the students on the required Presenting skills.

22nd August, 2019

Senior Professor of the Department of CSE, Dr.N B Venkateswarlu conducted a Marathon session for 4 hours on "What is Engineering" together with the necessary skills to be developed in the Program to become a successful engineer.





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

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I.B.TECH INDUCTION PROGRAMME REPORT

24th August, 2019

The final sessions of the Orientation programme was conducted by Dr. Ravi Sarepalli, Director, Centre for Career Planning & Placements GVPCE(A). The session stressed the need for the students to inspire, ideate and involve to become successful Engineers.

Principal
GVP College of Engineering for Women
Madhurawada
Visakhapatnam-530048

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
Madhurawada::Visakhapatnam

I B.TECH I SEMESTER (2019-2020)

EVENT: *Constitution Day (NSS Event)*

DATE: *26/11/19*



COSCENGERS, CSE Student Association

EXPERT TALK

BY

SURESH KUMAR TANKALA

Lead Consultant at **Wipro** Limited,
Visakhapatnam, Andhra Pradesh

DATE: 28-9-19

ATTENDANCE SHEET

TIME: 12:00-1:30

SNo	ROLL NO.	Name	Signature
1	19JG1A0501	AKKINA NIHARIKA	A. Niharika
2	19JG1A0502	AMULYA SURAVARJHULA	A. Amulya
3	19JG1A0503	ANJALI KUMARI	A. Anjali
4	19JG1A0504	A VENKATA SIVA SWARUPA AMRUTHA	A. Venkata Siva
5	19JG1A0505	ARUNA KUMARI KUMBHAM	A. Aruna
6	19JG1A0506	BADIDHABOINA TEJASWINI	B. Tejaswini
7	19JG1A0507	BADIPETLA ROSHINI	B. Roshini
8	19JG1A0508	BAIREDLA YAMUNA	B. Yamuna
9	19JG1A0509	BALLA ROSHINI	B. Roshini
10	19JG1A0510	BANDARU LAKSHMI SREYA TUSHARA	B. Tushara
11	19JG1A0511	BATCHU SREENIDHI	B. Sreenidhi
12	19JG1A0512	BATTULA YAMINISAHITYA	B. Yaminisahitya
13	19JG1A0513	BAYANA AISHWARYA	B. Aishwarya
14	19JG1A0514	BOTSA DRAKSHAYANI	B. Drakshayani
15	19JG1A0515	BUDARAYAVALLASA PRATIBHA JAGATI	B. Pratibha Jagati
16	19JG1A0516	BUDI KUMARI	B. Kumari
17	19JG1A0517	BUGATHA LATHA	B. Latha
18	19JG1A0518	CHAGANTI SOUMYA SRI	C. Soumya Sri
19	19JG1A0519	CHAITANYA SREE GUNTURI	C. Sree Gunturi
20	19JG1A0520	CHAMARTY ABITHA	C. Abitha
21	19JG1A0521	CHANDRAMAHANATHI NITEESHA	C. Niteesha
22	19JG1A0522	CHEKKA KAMALA VARSHA	C. Kamala Varsha
23	19JG1A0523	CHEVVAKULA VASAVI	C. Vasavi
24	19JG1A0524	CHINTA JAYANTHI	C. Jayanthi
25	19JG1A0525	CHIRUKURI ESWARI	C. Eswari
26	19JG1A0526	CHODAVARAPU TULASI	C. Tulasi
27	19JG1A0527	CHOWDARI RAMYA KRISHNA	C. Ramya Krishna
28	19JG1A0528	DANTULURI DURGA BHAVANI	D. Durga Bhavani
29	19JG1A0529	DARUKUMALLI SRAAYYALA AKKSHMI	D. Akkshmi
30	19JG1A0530	DASARI KAVYA SREE	D. Kavya Sree
31	19JG1A0531	DATLA ANITHA	D. Anitha
32	19JG1A0532	DEVAVARAPU SUVARNA MANJARI	D. Suvarna Manjari
33	19JG1A0533	DUDDU SREELEKHA	D. Sreelekha
34	19JG1A0534	DWARAPUDI HARSHITHA	D. Harshitha
35	19JG1A0535	FARHAT RAHMAN	F. Rahman
36	19JG1A0536	G BLESSITTA	G. Blessitta
37	19JG1A0537	G V S MOUKTHIKA	G. V. S. Moukthika
38	19JG1A0538	GADU GAYATHRI	G. Gayathri
39	19JG1A0539	GANDI DHANUSHA	G. Dhanusha
40	19JG1A0540	GANTYADA RESHMA DAS	G. Reshma Das
41	19JG1A0541	GARIMELLA ANANDITA DAKSHAYANI	G. Anandita Dakshayani
42	19JG1A0542	GEDDAM SATYA NEHA SRI	G. Satya Neha Sri
43	19JG1A0543	GUMMIDI DOLIKA POORNIMA	G. Dolika Poornima
44	19JG1A0544	GURUGUBELLI KEERTHI	G. Keerthi
45	19JG1A0545	IDDI DILLESWARI	I. Dilleswari



EXPERT TALK

BY

SURESH KUMAR TANKALA

Lead Consultant at **Wipro Limited**,
Visakhapatnam, Andhra Pradesh

DATE: 28-9-19

ATTENDANCE SHEET

TIME: 12:00-1:30

SNo	ROLL NO.	Name	
1	19JG1A0565	MADDIPUDI ASWITHA	M. Aswitha
2	19JG1A0566	MADINA HAZIYABANU	M. Haziyabanu
3	19JG1A0567	MAGADAPALLI VENKATA SWETHA KALA	M. V. Swetha Kala
4	19JG1A0568	MAJI VEDHAVATHI	M. Vedhavathi
5	19JG1A0569	MAMIDISETTI DOLA LAKSHMI	M. Dola Lakshmi
6	19JG1A0570	MANEPALLI SAI AASRITHA	M. Aasritha
7	19JG1A0571	MARGANA NEELIMA	M. Neelima
8	19JG1A0572	MEDISETTI PUNEETHA	M. Puneetha
9	19JG1A0573	MODALAVALLASA SUSHMA	M. Sushma
10	19JG1A0574	MOHAMMED JAHRA	M. Jahra
11	19JG1A0575	MUTCHA VISHNU PRIYA	M. Vishnu priya
12	19JG1A0576	MUVVALA HARSHITHA	H. Harshitha
13	19JG1A0577	NANNURI JHANSI LAKSHMI	N. Jhansi
14	19JG1A0578	NARAYANAM NAGA SAI HARANI	N. Harani
15	19JG1A0579	NEELAPU SIRISHA	N. Sirisha
16	19JG1A0580	NIDADAVOLU NAGA VAISHNAVI	N. Vaishnavi
17	19JG1A0581	NIRJOGI RAJYALAKSHMI	N. Rajya Lakshmi
18	19JG1A0582	P ANANDINI	P. Anandini
19	19JG1A0583	PADALA CHETHANAMBHIKA	P. Chethanambhika
20	19JG1A0584	PANNEM YASHASWINI	P. Yashaswini
21	19JG1A0585	PARAMSETTI JAYA NANDANA	P. Nandana
22	19JG1A0586	PARMEENNISHA	P. Nisha
23	19JG1A0587	PEDADA JYOTHI SRI	P. Jyothi Sri
24	19JG1A0588	PEDDADA SAI BHOO MIKA	P. Sai Bhoomika
25	19JG1A0589	PENUMALLI PRANAVI	P. Pranavi
26	19JG1A0590	POLIPILLI SANDHYA RANI	P. Sandhya Rani
27	19JG1A0591	POOJITHA SAI BOBBA	P. Bobba
28	19JG1A0592	POOLAPALLI GRISELDA MERLIN	P. Merlin
29	19JG1A0593	POTHURAJU KAVYA	P. Kavya
30	19JG1A0594	RAJAMANDRAPU SOWMYA PRASANTHI	R. Prasanthi
31	19JG1A0595	RANGALA JOSHNA	R. Joshna
32	19JG1A0596	RAVILLA SUPRIYA	R. Supriya
33	19JG1A0597	REBAKA MANI NEEHARIKA	R. Mani Neeharika
34	19JG1A0598	REDDI JASHYA	R. Jashya
35	19JG1A0599	REDDI SANTHOSHI	R. Santhoshi
36	19JG1A05A0	REDDY HARIKA	R. Harika
37	19JG1A05A1	REVADI SAI TULASI PRASANNA	R. Sai Tulasi Prasanna
38	19JG1A05A2	SANA KEERTHI	S. Keerthi
39	19JG1A05A3	SANGAM SAI LAKSHMI SINDHURA	S. Sai Lakshmi
40	19JG1A05A4	SARIPAKA SRILAKSHMI SRAVYA	S. S. Sravya
41	19JG1A05A5	SARVANI SRI HARSHITA KANDIKONDA	S. Harshita
42	19JG1A05A6	SEERA PRIYANKA RAO	S. Priyanka Rao
43	19JG1A05A7	SHAIK KARISHMA	Sk. Karishma
44	19JG1A05A8	SHAIK SHAHNAZ ALISHA	Sk. Shahnaz Alisha
45	19JG1A05A9	SIDDABATHULA SUSHMA	S. Sushma
46	19JG1A05B0	SOMADULA ROHITHA	S. Rohitha
47	19JG1A05B1	SRI VARSHA KANTAMNENI	S. Varsha
48	19JG1A05B2	SYED SUHANA	Syed Suhana



49	19JG1A05B3	TATHIREDDY SWATHI	T. Swathi
50	19JG1A05B4	T VENKATA LAKSHMI PRATHYUSHA	Prathyusha
51	19JG1A05B5	THATAVARTI HARSHINI	
52	19JG1A05B6	VADAREVU MANOGNA	V. Manogna
53	19JG1A05B7	VALLAMSETTI SUCHARITHA	V. Sucharitha
54	19JG1A05B8	VALLURI SAI AMRUTHA	V. Sai Amrutha
55	19JG1A05B9	VATTIPALLI RADHIKA VAISHNAVI	Radika
56	19JG1A05C0	VEMULAKONDA HIMA JAYA KEERTHANA	V. H. J. Keerthana
57	19JG1A05C1	VURITI RAMA JOSHITHA	V. Rama Joshitha
58	19JG1A05C2	Y SAI ANUSHA	Y. Sai Anusha
59	19JG1A05C3	YALLA BHUVANA NAIDU	Y. Bhuvana Naidu
60	19JG1A05C4	YALLAMATI KEERTHI	Y. Keerthi
61	19JG1A05C5	YAMALA HARSHA SRAVANI	Y. Harsha Sravani
62	19JG1A05C6	YEDUPATI VENKATA SANJUSHA	Y. V. Sanjusha
63	19JG1A05C7	YELLAPU AISHWARYA	Y. Aishwarya



8/6/18

Venue: Nidhiyara




















Speaker: Prof. K. Chandras Bhusama Rao

10th MBA (P) Requirements

Prof. K. Chandras Bhusama Rao, Dy. Dir. of ECE, JNTU, VVM was invited to deliver a lecture on Accreditation process and its requirements for an institution.

We explained the basic process of NBA accreditation.

We explained on each criteria and its relevant documents to be maintained in the departments.

S.No.	Name of the Faculty	Dpt.	Signature
1	C. SRINIVAS	CSE	
2	Dr. K. L. Sait	BSBM	
3	Dr. C. BHASARARAJA		
4	Dr. D. K. Reddy	CSE	
5	Dr. R. M. Prasad	ECE	
6	Dr. H. Srinivasan Rao	ECE	
7	Dr. P. Prasad	ECE	
8	Dr. M. B. Sridhar	CSE	
9	G. P. Reddy	BSM	
10	D. L. Laksh	ECE	
11	S. Ramalinga Reddy	ECE	
12	M. Krishna		
13	M. P. Prasad	CSE	
14	A. Prasad	BSM	
15	M. V. Maheswara Rao	ECE	
16	C. V. R. Prasad	CSE	
17	M. Sathish	BSM	
18	K. Nagaraj	CSE	
19	M. A. Kumaraswamy	BSM	
20	S. Srinivasan	CSE	
21	J. Arif	BSM	
22	Dr. S. Rajesh Babu	BSM	
23	V. Ramu	ECE	
24	G. Sai Teja	ECE	
25	A. V. Kumar	BSM	
26	G. Santanu Rao	BSM	
27	K. S. Naidu	ECE	
28	K. Chandra Babu	BSM	



29/09/22

S.100

Name: Anubhava

Speaker -> Prof. C.V. Prasad

Discussion on - SWOT/SAVE analysis

Prof. C.V. Prasad, Principal has addressed the faculty and explained the importance of SWOT analysis of each individual.

Everyone has to identify the weaknesses & strengths in their both academic as well as personal career.

He insisted each individual to find a suitable method to overcome their weakness.

In general, addressed each department to identify their strengths & weaknesses as a part of accreditation.



Name of the faculty	Dept	Signature
Dinesh Sankar A	EEE	DN
K. N. S. Chaitanya	CSE	KN
B. Lavithra	EEE	BL
N. Venkatesh	ECE	NV
G. S. R. Sanjayini	EEE	GS
V. Suresh Babu	EEE	VS
K. Pabini	CSE	KP
P. Seta Srinatha	CSE	PS
P. Seta	CSE	PS
Ch. G. opika	CSE	CG
M. Swarna	ITe	MS
A. Suresh Babu	BSEH	AS
Dr. T. Ramesh Kumar	BSEH	DR
V. Saranya	CSE	VS
K. Valli Sri	BSEH	KV
B. Jagadeesh	EEE	BJ
P. Hemalatha	Mech	PH
B. V. S. Renuka Devi	ECE	BV
M. Mani Kumar	EEE	MM
G. V. Lakshmi	BSEH	GV
C. Anurag	Mech	CA
J. Lavanya	EEE	JA
M. Deepthi	CSE	MD
D. Indu	CSE	DI
K. Swathi	ITe	KS
V. Gunitha	CSE	VG
P. Sridhar	CSE	PS
S. Rajeshwari	BSEH	SR