Collaborative quality intitiatives with other institution(s)

About The Institution

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

CSE, If and a PG Course in ECE. The institute has very good infrastructural facilities, e-classrooms, and well equipped inboratories. 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 V.ISI 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 intitial intake of 120 students in UG Program. In 2011, the department started a PG Program in VISI Design & Embedded Systems with an intake of 18 students.

About CoreEL Tehnologies

Development, Next-Gen Digital products, Integrated Intellectual Property Development, CoreEL Technologies is a Customer Application mology Training. They are a leading developer of . COTS products, Semiconductor solutions and Product & innovative solutions, fronic system level products and -System Obsolescence management, EDA Solutions (CASPS) company (IP) cores, Design ranging across S. Design Prototype

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President, Gayatri Vidya Purishad

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Dr. R.V.S. Lakahmi Kumari, HOD, EEE, GVPCEW
Prof. Dr. N.B. Venkateswariu, CSE, GVPCEW

Convener

Dr. K. Srinivasa Rao, Assoc. Professor and HOD, E.C.E.

Organizing Secretaries

Mrs. Ch. Strisha, 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. Sirisba, Asst. Professor, ECE, Mobile: 9849550004

E-mail:chsirisha216@gypcew.ac.in



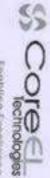
Custom Analog & Digital IC Design Using Mentor EDA Tools (ADICD -2018)

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



CoreEL Technologies (I) Pvt. Ltd.,
Bangalore

College of Engineering for Women
Madhurawada, Viakhapatnam - 830 048
Phone: 0891-2739144; Par: 0891-2826639
Visit us at: www.grpcow.ac.in

Objective Of The Workshop

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

Detailed Areas of Focus

- Full Custom Design flow
- · Mentor Tool for Schematic and layout generation
- DRC (Design rule check) and LVS checking
 - · Parasitic Extraction

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- Configuration of the design using FPGA Protoboards using Xilinx ISE tool
- Analog Design Flow
- AC, DC and Transient Analysis
- Layout Entry for CS/ Differential
 - Semi Custom Design Flow Amplifier

 - ♦ Verilog Entry
- Layout design from Verilog netlist
 - · Physical Design and Verification
- Cell based Design

Resource Persons

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

Mr. Nagendra Bandi,

veEL Technologies (I) Put Ltd. Bangalore. Senior Application Engineer,

echnologies (I) Put Ltd., Bangalore. lesh Murugan, pn Engineer,

Organizing Committee

Mrs. B. V. S. Renuka Devi, Asst. Prof. E.C.E Mr. D.V.A.N. Ravi Kumar, Asst. Prof. E.C.E. Mrs. B. Vijaya Lakshmi, Asst. Prof. E.C.E Dr. P.M.K. Prasad, Assoc. Prof., E.C.E. Dr. L. Ganesh, Asst. Prof., E.C.E.

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Mrs. N. Roopavati, Asst. Prof. E.C.E. Mrs. L.Sarika, Asst. Prof. E.C.E

Mr. P.V.R.Chaitanya, Asst. Prof. E.C.E Mr. R.Sunii Kumat, Asst. Prof. E.C.E

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Mr. S. Ramanjaneya Reddy, Asst. Prof, E.C.E

Mrs. R. Jalaja, Asst. Prof, E.C.E

Mrs. G.P.S Prashanthi, Asst. Prof, E.C.E. Mrs. B. Divya Sathl, Asst. Prof. E.C.E.

Mr. P.V. Dileep Bhumireddy, Asst. Prof. E.C.E. Mr. R.S.A. Naidu, Asst. Prof. E.C.E

Registration

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

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 Visskhapstnam

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 Academicians for enhancing skills in delivering Fellows with thesis in VLSI
- Dealgn engineers from industry

VLSI Labs at Institute/University

Last Date for registration : 21st Sept, 2018

A THREE DAY WORKSHOP

Design Using Mentor EDA Tools Custom Analog & Digital IC (ADICD -2018) 27th, 28th & 29th September, 2018

REGISTRATION FORM

Participant's Name:

Qualification

Department

Institution/Organization:

Address for Communication:

Phone No (0):

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E-mail ID

Registration Fee:

D.D No.

Dates

Name of the Bank:

Accommodation is required: YES / NO

Dater

Signature of the Participant

SPONSORSHIP CERTIFICATE

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

Place Dote

Signature of the Head of the Department/Institution with Seaf

Report On A Three-Day Workshop

"CUSTOM ANALOG & DIGITAL IC DESIGN USING MENTOR EDA TOOLS (ADICD-18)"

(27%- 29% 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-ofthe-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)

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. 1944.

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.

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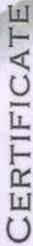


College of Engineering for Women () COICE GAYATRI VIDYA PARISHAD

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

Technologies

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This is to Certify that Mr/Ms/Dr R. Sunil, Rumar , Assistant profession of

GVPLEKI, 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

Coordinator

27th - 29th September, 2018.

Head of the Department

CoreEL Technologies Authorized Person

A Three-Day Workshop ON

"CUSTOM ANALOG & DIGITAL IC DESIGN USING MENTOR EDA TOOLS (ADICD-18)"
(2711. 2911 SEPTEMBER 2018)

INAGURAL SESSION



Lab Session



Valedictory Session



Participants







Department of Electronics and Communication Engineering is organizing a three day Workshop on

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

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

REGISTRATION LIST- (wccs-2018)

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

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

ATTENDANCE SHEET

Date:

27-9-18

Time:

11:00 AM - 1:00 PM

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ATTENDANCE SHEET

Date: 27-9-18

Time: 2:00PM - 4:30PM

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

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

ATTENDANCE SHEET

Date: 28-09-18

Time:

9:30 -01:00 pm

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Department of Electronics and Communication Engineering is organizing a three day Workshop on

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

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

ATTENDANCE SHEET

Date:

28 - 9 - 2018

Time: 2115 - 4:30 PM

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Department of Electronics and Communication Engineering is organizing a three day Workshop on

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ATTENDANCE SHEET

Date: 29-09-2018

Time: 9150m- 1100 pm

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Department of Electronics and Communication Engineering is organizing a three day Workshop on

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

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

ATTENDANCE SHEET

Date:

29-09-2018

Time: 2100 Pm - 31.20 Pm

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ABOUT INSTITUTION

GVP College of Engineering for Women is established under alegis of Gayatri Vittya Parishad, an educational under alegis of Gayatri Vittya Parishad, an educational nociety founded by eminent academicians industrialists, and philinthropisss of Visabhapatham. The society has an autonomous Engineering College accredited by NAAC and NBA of AICTE, affiliated to JNT University, Ralanada GVP is a partner in an indo-German colleborative institute viz., Indo-German hestitute of advinced Jecknology jointly organized by Govt of India, Govt, of A.P. and German Government.

The GVP College of Engineering for Women is a selflinanced Institution with well qualified faculty, wellturnished laboratories, and infrastructure. The College is offering UG colurses in CSE, ECE, IT and EEE. A PG course in ECE.

ABOUT DEPARTMENT OF CSE

The Eopartment of Computer Science and Engineering offers 8. Tech degree in CSE and 17 branches. The department has well equipped faculty insembers. The department has well equipped laboratories with advanced softwers and relurcished hardware to facilitate research in major areas of computer science and holds workshops regularly to be an parallel with the II industry.

ABOUT DEPARTMENT OF ECE

The department of Electronics and Comminiscation Engineering offers B Tech dagner in E.C.E and M. Tech dagner program in VLSf and Embadded Systems. The department has a team of delicated and experienced faculty insentees. The department has state-of-the-art laboratories with advanced softween and hardware to facilitate missarch in major areas of ECE.

All the Cervspondence may be addressed to Dr. M. Bran. Sridhar, Assoc. Professor GVP Col Septol Engineering for Women GVP Col Septol Engineering for Women (Septol Septol Engineering for Women (Septol Septol Engineering for Women (Septol Septol Sep

CHIEF PATRO

Sri A. S.N. Presad President, Geyatri Vidya Parishad

MIRDINS

Soi D. Dakshima Mucifly Vice-President, Caryeth Vetra Purabusi Vice Dr. Ing. P. Seminasa Reo Advance Tech. Education and Ribbl. Caryeth Vetry Persbast Seminars, Caryeth Vetra Pursahad

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PROGRAM CHAN

Prof. K. Rapa Rajesswart, Director (RMC), CHPCEW

DORDINATORS

Dr. M. Bhans Sridhar, Dept of CSE Dr. K. Srimwasa Res. Dept of 6CE

ADVISORY COMMITTEE

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Prof. B.S. Marthy, Dage of ICE Prof. PUS.L. Jagadamba, Dage of CSE Dr. D. K. Belsarta, Days of CSE Dr. N. Sharmis, Dage of CSE

V. Subramanyam, Dept. of ICE

REGISTRATION

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or all delegator. Rs. 500/-

A pheab copy of the accompanying impassation form, day lifted, alread the said along with a IDC theque drawn in favor of, GVP College of Engineering for Werner, payable at SBI, MVP Double Road, Vissakhapatruse, or online manster

Account no: 640/2556122, IFSE Code: SBMI0040546).
Registration file includes workshop kit, hanch and refreshments
during the workshop.

WHO CAN PARTICIPATE

 faculty from CSERT/EDE and Engineering Mathematics depts, and intensitial people from other disciplines.

 Research and Development professionals from industry. Pt.D. scholers, and M. Tech students in the theme of the workshop.

Last Date for registration: 15-03-2018



Cryptology Research Society of India (CRSI), Kolkata GAYAYTER VIDYA PARISHAD GOIlego of Engineering (or Women

Madhurawada, Vicakhapatnam - 530 048 Phone: 0891-2739140: Fax: 0891-2526639 Visit us at: vvvvv grycew.ac.in

OBJECTIVE OF WORKSHOP

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

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

6 Electronics and Communication Engineering in GVP experts and resource persons for finding a solution to the task of strengthening Cyber Security for the benefit The Departments of Computer Science and Engineering College of Engineering for Women, Visakhapatnam have realised the importance of research in the field of 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 Cryptology and Cyber Sacurity and decided to conduct 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 Eliptic Curve Cryptology

Re-encryption

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A THREE DAY NATIONAL WORKSHOP CRYPTOLOGY & CYBER SECURITY 22" to 24" March, 2018 (WCCS - 2018)

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Participant's Name

Qualification :

Department :

Institution/Organization:

Address for Communication:

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Name of the Bank:

Accommodation is required: YES / NO

Date

Signature of the Participant

SPONSORSHIP CERTIFICATE

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

Place

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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















College of Engineering for Women GAYAL RI VIDYA PARISHAD

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



CERTIFICATE

This is to certify that Mr/Ms/Dr K. Punushotom plaidur, Assistant Bolesson of has participated in a Three-day C.S.E. DUPC., GUPCEN

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

Prof. R. Balasubramanian President, CRSI

Prof. Bimal K Roy Gen. Secretary, CRSI

Prof. E.V. Prasad Principal, GVPCEW

Prof. K. Raja Rajeswari Chairperson, WCCS-2018 Conferences, Seminars and Workshops conducted on quality

Faculty Development Program One Week National Online

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

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

Department of Basic Sciences & Humanities (MATHEMATICS) Organized by





GAYATRI VIDYA PARISHAD

College of Engineering for Women Madhurawada, Visakhapatnam -530048

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

Visitus at: www.cypcew.ne.m

ABOUT THE INSTITUTION AND DEPARTMENT

Gayatri Vidya Parishad College of Engineering for Women is founded by eminent academicians, industrialists, and Philanthropists of established under the aegis of Gayatri Vidya Parishad, an educational society 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 Kakinada (JNTUK), approved by AICTE, New Delhi. The College is offering JG 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 aboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered education and is affiliated to Jawabarfal Nehru Technological University, by the institute.

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 Boundary Value Problems, Fluid Dynamics and Wavelet Transforms. Apart Club in 2014, with an objective that such clubs are essential to develop The Department of Basic Sciences and Humanities started from the inception of GVP College of Engineering for Women and it comprises of well in skill bused activities. The Faculty of Mathematics are involved in a broad spectrum of research that includes Differential Geometry, Time-Series Analysis, from these the faculty of the department have started Mathematical Sciences 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,

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 Basic sciences refer to the disciplines of Physics, Chemistry and 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 important 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. Deekshitulu- Professor & Head. Department of Mathematics JNTUK University, Kakinada
22/02/2020	Dr. Y. V., Subba Rao Associate Professor, School of Computer & Information Schences University of Hyderabad,
23/07/2020	Dr. V. Ravindranath Professor of Mathematics & OSD to Vice- Charcellor INTUK University, Kakinada
24/07/2020	Dr. Om Prakash Assoc. Prof.& Head, Department of Mathematics, IIT Patra
25/07/2020	Dr. E. Kesava Reddy Professor, Department of Mathematics, INTUA, Ananthapur

WHO CAN PARTICIPATE?

All PG/Research Scholars/faculty of Mathematics stream and All Engineering Branches from AlCTE/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/FgzHvVYSPEgiEWfS7 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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Dr. D.K. Bebarta, Hol), IT, GVPCEW

CONVENOR

Dr. K. L. Sai Prasad

Associate Professor & Head, Department of Mathematics, GVPCEW

ORGANISING SECRETARY

Dr. A. Kameswarn Rao

Assistant Professor, Department of Mathematics, GVPCEW Ph: 9866902309 Email: meeasgypw2020.cgmail.com

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Department of Basic Sciences & Humanities (MATHEMATICS)

One Week National Online Faculty Development Program

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)

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Department of Basic Science and Humanities

Certificate of Participation

This is to certify that Ms. Suneetha Kandepi of has participated in a One Week online National FDP (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. APPLIED AND ENGINEERING ELEMENTS IN MATHEMATICAL S

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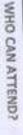
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*E-certificates will be issued to the participants, if attend all the sessions and submitted the required feedback about the program within three days of the completion.

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

REGISTRATION LINK:

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22nd - 26th June, 2020

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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.gupcew.ac.in

bjective

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 movel 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.

GVPW aims is to prepare the students to face the challenges of designing software, complex networks and duties that range from installing applications to engineers are expected to perform a variety of guide the student reach higher altitudes with comprises of dedicated, diligent faculty team to technological advancements. The department computing and applications relevant to emerging fundamental the fast growing IT industry information databases. The goal of the department positive attitude. The Information Technology The Department of Information Technology(IT) at concepts and to equip the students with techniques 9

About the Institution:

G.V.P. College of Engineering for Women is established under the ages 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 Jawaharial 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, eclassrooms, 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



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Recourse Persones

1. Dr. U. Srinivasulu Reddy NIT, Tiruchirappalli

Topic Name: Deep LearningTechniques for Agriculture

2. Dr. Bala Prakash Rao, NIT Warangal

Yopic Namer Deep Neural Networks for Image Classification

3. Dr. Deepak Ranjan Nayak NIT Surat

Topic Name: Application of Machin Learning in Blamodical Image Processing

4. Dr. Birendra Biswal GVP College of Engineering (A)

Topic Name: An Exclusive Disjunction Based Retaction of New Vascularization Using Multicools CHM

5. Dr. Dwiti Krishna Bebarta GVP College of Engineering for Women

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

10 AM-12 NOON

ode 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, Thirichirapalli. 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.DeepakRanjanNayak 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.BirendraBiswal 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)

AMILES OF STREET

Signature of HoD(s)



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE New Dolhi, Affiliated to INTUK Nabioada)

Nommadi, Madhurawada, Vinakhapatoam - 530 040

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

Email id: proceedigmail.com, info@grpcow.ac.in

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Certificate of Participation

This is to certify that, G SANKARA RAO

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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

Registeral participants

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GAYATRI VIDYA PARISHAD

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Website: www.gvpcew.ac.in



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Patrons

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

Prof. P Somaraju Secretary, Gayatri Vidya Parishad

Co-Patrons Prof. K V S RAC

Principal, GVPCEW

Prof. E V Prasad Director, GVPCEW

Convenor

Or. K Srinivasa Rao Associate Professor, HoD, ECE

Co-ordinators Dr. Ganesh Laveti Assoc. Professor, ECE

Mr. P V K Chaitanya Asst. Professor, ECE

Advisory Board Dr. G. Sudheer Vice-Pricipal, GVPCEW

Dr. K. Raja Rajeswari Director (R&D), GVPCEW

Dr. N B Venkateswarlu Professor, CSE

Dr. PVS L Jagadamba Professor, HoD, CSE

Dr. Dwiti Krishna Bebarta 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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About the Department

The department of Electronics and Communication Engineering offers 8.Tech Program in E.C.E 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-ofthe-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 MBRD) 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 oscipline / branch





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

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Fight Covid-19 using "loT"

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

Raspberry Pi

Organized by

IETE Students' Forum Department of ECE



6th July, 2020 to 10th July, 2020

12:00 pm - 02:00 pm

In assoccation with



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

- 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
- 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.co:n/vcct6drb
- 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 device

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





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Certificate of Marticipation

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 "loT" via online mode

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

organised by the Department of Electronics and Communication Engineering

from 6th to 10th July, 2020

Dr. K Srinivasa Rao HOD - ECE

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Dr. K Raja Rajoswari Director (R&D)

Dr. K V S Rao

history

Principal

Certificate ID : ECE IOT 202007121

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



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 Delbi. The College is offering UG courses in ECE, EEE, CSE, IT and a PG Course in ECE, The UG programm 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, 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 enthasiastic and energesic 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 important 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, Visakhapatrium.

RESOURCE PERSONS

Date	Resource Person
22/06/2020	Dr Shankar Pedsputi, Asst. Prof., Department of EE, NIT AP, AP
23/06/2020	Dr Siddarth Pandti, Professor, Department of EE, VSSUT Burla, Odisha
24/06/2020	Dr. I. Satish Kumar Asst., Prof., Department of E.E., NIT Warangali, Telangana
25/06/2020	Dr Subhejit Ghosh, Assoc 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 9499696564

Click on the below link for registration form.

https://forms.gle/wnrmCgo3YC5rud1F7

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

CHIEF PATRON

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

PATRONS

Sri B.Dakshina Murthy, Vice-President, Gayarri Vidya Parishad Prof. Dr. P.Somaraju, Secretary, Gayatri Vidya Parishad

CO-PATRON

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

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CONVENOR

Dr. P. Devendra

Department of EEE, GVPCEW.

Ph; 8555827095 Email: deveodra piggypsewascin

CO-CONVENOR

Mr. A.Hema Chander,

Department of EEE, GVPCEW.

Ph. 9490389892 Email: hemachander@gyscew.ac.in ORGANISING COMMITTEE

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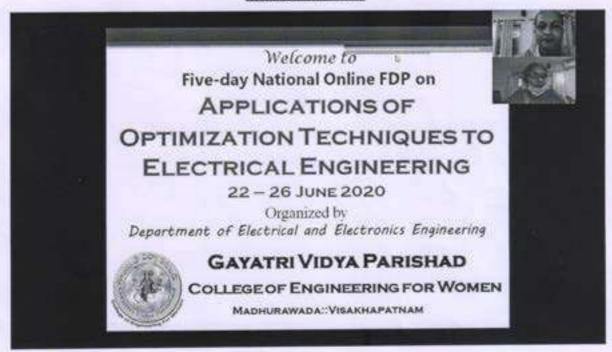
Gayatri Vidya Parishad College of Engineering for Women Madhurawada::Visakhapatnam (Affiliated to JNTUK, Approved by AICTE, New Delhi)

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.



College of Engineering for Women Gayatri Vidya Parishad



Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada Brad BC. CE. Madhurawada, Kommadi, Visakhapatnam - 530048 Department of Electrical and Electronics Engineering

Centificate 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 form 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 Convenor

Dr. R V S Lakshmi Kumari HOD-EEE

Prof. K V S Rao



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 cohance 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 - 15th Nov. 2018. The Two Day Workshop will deal with Machine Learning Lool WEKA in Data Mining with live data. Hands-on experience will be provided to the participants.

Resource Persons:

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

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

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

Eligibility:

The program is open in the faculty of GVPCEW.

Pre-Requisites: Onto Mining concepts

Registration Fee Particulars:

Fine for Paralts of all departments of GVPCEW



About the Institution:

Gayatri Vidya Parishad College of Engineering for

Women, Visakhapannam is a reputed educational institution offering excellence in engineering education especially for women. The coffege is affiliated to Jawabarial Neitro Technological University, Kakinada (JNTUK) and is approved by AlCTE, New Delhi, The college is established and managed 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-Chaptellor of Acharya Nagarjuna University and the subsequent presidents where too renowned elites of city of Visakhapatann.

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 Sor Woman 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 energing technological advancements.

CHIEF PATHON:

SELA, S. N. PRASAB, PRESIDENT, GVP.

PATRONS:

SRI D. DAKSHINA MERTHY, VICE PRISIDENT, GVP PROF. DR.ING, P. S. RAO, VICE PRISIDENT, GVP PROF. DR. P. SOMARAH, SECRETARY, GVP

Co-Pathoss:

PROF. DR. E. V. PRASAD, PRINCIPAL, GYPCEW PROF. DR. G. Sudheer VicePrincipal GYPCEW

ANNIONY COMMUNES:

Prof. P.Lakshmi Jagadamba Head, CSE Mr. C. Sminyas, Assoc Prof. Heat, IT

Co-onnesarona

Mes.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.

		Expert Lecture by
Date	Time and Duration	22/4
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

HOD-CSE





GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Affiliated to INTUK, 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

Data Mining Using WEKA Tool

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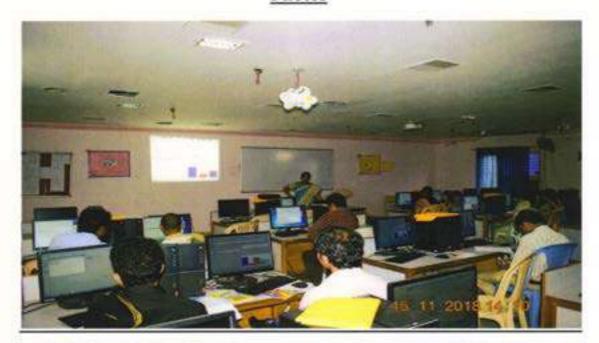


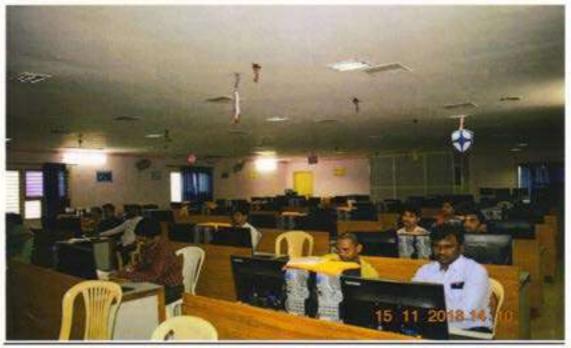
GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN MADHURAWADA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Faculty Development Program on WEKA Tool

Photos







About the Institution

The Sesain Volya Pariethal College of Engineering for Women was established suder the legisle of Grasin Volya Pariethal (GVP) as advantased society founded by a group of eminer advantaseous, accommonant, industrialists, and polarithropish of Visionapament GVP is a perior or an indio German collaborative inclines vic., Indio-German Institute of Advanced Rechnology (In-th) orquested by Govt. of India, Govt. of AP and German Sovenness. The society has an "Intenting college, GVP College of Engineering, Automotios in according by NAAC 6 NSA, attributed to JVTUK Klarinetts, granted the automotion status from USC, and montred hands from the sectional industrial granted measurements status from USC, and montred hands from the sectional industrial granted proposition granted proposition (TEOP-4).

In two with the government's data of empowering women in the sectionological and engineering fields, the society tac established this second engineering catage sectioniesly for winters in the year 2008. The GVP College of Engineering is Women in a set fragodal institution officing excellence in regimening education to engower women in technological and engineering fields. The category women in technological and engineering fields. The category is attributed to Aswertanias Metric Schronogical University, Kalamada (AVT-CK) and is approved by ACTE, New Detri. The GVP College of Engineering for Women has very good infrastructural facilities, escales coords, and well equipped universities. This college has well qualified faculty to have the youngsters who are in pursual of their professional careers for the following-courses offered byttle instructure.

- Computer Science and Engineering (CSE)
- Information betrology (IT)
- Electronics and Convenience Conference (ECE)
- · Electrical and Electronics Engineering (EEE)



ORGANIZING COMMITTEE

Chief Patron Sri, A. S. N Prusad Posidost, Goyani Vidya Perishad

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Vice-President, Gayam Vidya Parishad
Prof. Dr.Ing. P. Srinivasa Rao
Vice-President, Gayam Vidya Panshad
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Dr. U. N. Machamatine Sec. Hop, ECE.

Sti C. Strovan, Hoot CSE & IT

Mrs. A.S.V. Vijeya (abahas, 1% Holl, FEE

Dr. K. L. Sie Fraued, Holf, 8564

Gr. N. B. Verkageawarts, Professor, CSF

Or P.V.S. Lukshmi Japatamba, Professor, CSE

Dr. M. Share Status, Assessor Professor, CSE

Dr. N. Sharmat, Associate Professor, CSI.



DIOLOGICAL INSPIRED COMPUTING & APPLICATIONS (BICA - 2018)

Sponsored by

Science and Engineering Research Soard
Department of Science & Technology
India



Organized by -

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

Alfiliated to JNTUK, Kalimada Victor of www.appointer.in



OBJECTIVE

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

On this ground, GNP College at Engineering for Woman, Kommudi, Madhurawada is organizing a National Morkshop on Biological Imprind Computing and Applications (BICA - 2016) during 09" - 11" March, 2018. The principal grad of this workshop is to introduce some of the advanced topics on biological impired computing methods and its applications to enhance the skill level of participants to encourage scientific resourch within these larges

WORKSHOP SYLLABUS:

Sinlogical Inspired Computing Algorithms.

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Austications

- Information Systems and Supiness Intelligence
- Borneyics
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Lationality Scinlary

- MAILAR Programming on Soft Computing Basis
 MAILAR Programming on Evolutionary Computing
- « MATLAS Programming on Applications

RESOURCE PERSONS

TECHNICAL SESSIONS Prof. Garapati Pandix, ET Bhubanesway Prof. B.X. Panigrahi, IT Delhi Or G. S. Rammurthy, IIT, Hydersteed Or. Birendra Brawal, GVPCOE (A), Vishakhapatnam

LABORATORY SESSIONS Ms Seamita Panele, PhD Scholar, I/I, Kharagpur

ELISIBILITY

Faculty cicinbors of Engineering / Polytechnic colleges approved by AJCTE / Researchers / Industry Professionals /PG Scholars are

Desirable: Soft computing knowledge.

REGISTRATION:

Faculty/Research scholars: Rs. 1900/-Industry Professionals: Rs.2000/-PG Scholari: Rx.500/-

Participants can register by sending the registration form along with demand draft (50) drawn in layer of Principle, G V P College of Engineering for Women psysble at Vical/spectrum should reach the Convenue on or before 5" March 2518.

Note: The registration fee includes Registration Kir, Snecks and conch. Accommodation will be provided to pertropents on request of extre cost.

Mailing Address:

Dr. D. K. Bebarta

wr 680CA - 20183 GVP College of Engineering for Woman, Kommadi, Madhurawada

Visikhopethan - 53004h, Alt India

Mobile : +91 8374656116, +91 9440614718

Phone 9891 - 2739144 / 2719124 / 2719125 / 2719127

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Committee Members

Mrs. P. Stidevi, April Professor, CST

Mr. B.L.V Visuay Kormar, Asiat Professor, CSC

Mirs. R. Seeta Saupaha, Asst. Professor, CSE

Mrs. K. Rohini, Aust Professor, CSE

Mr. K. Parashotam Naida, Azat Professor, CSS

Mrs. B. Vijeya Lakshmi, Aast Professor CSE

Mr. K. Nagariya, Asia Professor CSE

Mr. Ch. Gopikir, Aget. Professor CSE.

Mr. Y Soumys, Aget Professor, CSE

Ma. D. Indu, Asst. Profesior, CSE

Mrs. V. Gowtami, Asst. Professor, CSE

Mrs. K.N.S Chims. Asst. Professor, CSS

Mrs. R. Sridovi, Annt. Professor, (T.

Mrs. K. Suneettin, Aust. Professor, IT

Mr. V. Lakshmana Rao, Asst. Prolessor, IT.

Mr. A. Uday Konsk, Asst. Poleston, IT.

Mr. Ch.V.V.D Proped, Aget Pholescor, IT Mr. M. Santhout, Aux Protococ, IT

Mr Q. Sankara Rao, Asst. Professor, IT.

Mrs. M. Swapea, April Professor, IT

Mrs. M. Deepthi, Asst. Professor, If

Fechnical Support Staff

Mr. K Suribubu Mr. G Appages



Brief report of the organized event

BIOLOGICAL INSPIRED COMPUTING AND APPLICATIONS (BICA - 2018)

- 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
- Title of the Seminar / Conference / Workshop / Symposium-ete.: 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 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 handson 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 lecturers 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, HT 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
H.	Senior Scientist	04
HI.	Young Scientist	10
IV.	Postgraduate Students from other colleges/institutions	06
V.	Undergraduate Students	12
VI.	Industry persons	00
VII.	Other eategory (Please specify each category)	2.0
	Faculty from other colleges/institutions	21
	Faculty from GVPCEW	18









GAYATK VIDYA PARISLAD College of Engineering for Women



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

CERTIFICATE

This is to certify that Mr/Ms/Dr Yalagami Salomya, Accilland Professes of has participated in a Three-day CSE DEPL GUPCEN 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

Sri. C. Srinivas Head of the Department

Prof. E. Prasad

on

ANALYTICS USING R

(13° - 17° 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-com-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 assued certificates on successful completion of the course.

Resource Person:

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

Eligibility:

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

Pre-Requisites: Basic programming concepts

Registration Fee Particulars:

Faculty and Research Scholars: Ro 300/- (which includes working Lutich, 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 Visajchapatnam.

How to apply:

A filled-in form application in the prescribed formst, 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@gypcow.ac.in as selection will be intimuted only through e-mail.

Important dates:

Last date to receive application & DD = 11 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 Jawaharial Nehru Technological University, Kakinada (JNTUK) and is approved by AJCTE. New Delhi. The college is established and managed Gayatri Vidya Parishad Society. The Society was founded by committed academicians, industrialists, philanthropists and educationists. The founder President of the society was a retorned economist from Andhra University, later served as Vice-Chancellor of Acharya Nagarjana University and the subsequent presidents where 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 GVP 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 usp class student-centric teaching.

The Department of Information Technology (FT) 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 MERTHY, VICE PRESIDENT, GVP. PROF. DR. ING P S RAO, VICE PRESIDENT, GVP. PROF. DR. P SOMARAJU, SECRETARY, GVP.

CO-PATRONS:

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

ADVISORY COMMUTAES

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

CO-ORDINATORS:

9885886969.

Mr. B.L.V.Vinny Kumur. Assistant Prof., Dept of CSE & IT., 9989609433. Mrs.K. Rohini. Assistant Prof., Dept of CSE & IT.,



ANALYTICS USING R

(13th - 17th Nov., 2017) Organized by

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

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2. Designation :			Dr. / Mr. /Ms
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			Nov 2017 to 17th Nov 2017 at
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.....is an employee of Organization and is hereby sponsored to the FDP on Analytics using R, during 13⁸⁷ 17th Nov 2017 at Dept. of CSEAIT

Signature of Head of Institution (With seal)

or correspondence

pplication form along with DD to

B.L.V.Vinay Kumar. stant Prof., Dept. of CSE & IT, CEW, Madhurawada, Ahaputnam - 530048, ile: 9989609433.

inned copies of filled-in and duly signed em along with DD to r@gvpcew.ac.in

rtails visit: http://www.gvpcew.ac.in

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

Off

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

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Signature of HoD



GAVATRI WIDVA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE New Delhi, Affiliated to INTUK Kakinada) Madhurawada, Visakhapatnam - 530 048

CERTIFICATE

This is to cortify that PON/ONLY __ S. SUMAHASAN, Asst. Rof., CSE Dept. of GIVP College of Engineering for Women - has attended One work Stability Bosonco & Engineering and Onformation Cochnology at Gapatri Vidya Partshad College of Devolopment Rrogram (FDP) on 'Analytics using R', conducted by Department of Computer Engineering for Women during 13th - 17th November, 2017.

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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ANALYTICS USING R (13th + 17th Nov., 2017) Organized by

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

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14	R. Svidevi Asu prof	GNPCOW Sinderinavada@gnpay	9394547032	N.
15.	Y.Sowmyg AKH. Prof	GVPCEN yaraganisawaya@gvPiew		y. Eng
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19.	R. Seeta Sireesha Asst-Prof.	GIVPCEW sitasireesha@gupce	w. 998572067	R.S.Sinel
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21	M. SWAPNA Ant Prof	GVPCEW mswapna@gupcew.	8 88 6 122032	<u>A</u>
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ANALYTICS USING R (13th - 17th Nov. 2017) Organized by

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

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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

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

In tune with government's idea of empowering women in the technological and engineering fields, the society has for women in the year 2008. The GVP College of Engineering for Women is a self-financed institution Women has very good infrastructural facilities, e-class rooms, and well equipped laboratories. This college has women in sechnological and engineering fields. The University, Kakinada (INTUK) and is approved by well qualified faculty to train the youngsters who are in established this second engineering college exclusively offering excellence in anginoering education to empower college is affiliated to Jawaharlal Nehru Technological ASCTE, New Delhi. The GVP College of Engineering for 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 state-of-the-art laboratories with archance to facilitate research in Engineering offers B Tech degree in E.C.E and M.Tech degree program in VLSI and Embedded Systems. The team of 23 dedicated and experienced of which 4 faculty hold Ph.D degree.

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

Secretary, Gayatri Vidya Parishad Prof. P. Somaraju

Prof. E. V. Prasad Co-Patrons

Principal, GVPCEW, Visakhapatnam

Director, GVPCEW, Visakhapatnam Prof. C. Bhaskara Sarma

Advisory Committee

Prof. K.Raja Rajeswarl, Director (R&D), Former Prof. D. N. Madhusudana Rao, HoD, ECE Prof. G. Sudheer, Vice-Principal, GVPCEW Professor of E.C.E. AUCE(A), Visakhapatnam Prof. Dr.V Subrahmanyans, Professor, ECE Prof. Dr. B.S. Murthy Professor, ECE Smt. A.S. Vijaylakshmi, HOD, EEE Sri. C. Srinivas, HoD, CSE & IT

Coordinators

Dr. K.Srinivasa Rao Associate, Professor, ECE

Dr.P. Murali Krishna Prasad

Associate Professor, ECE

Organizing Committee

Mr. D.V.A.N. Ravi Kumar Mrs. B.V.S.Remaka Devi Mrs. B. Vijaya Lakshmi Mrs. M. Manikomari Mrs. Ch.Sirisha Dr.L.Ganesh

Mr. S. Ramanjaneya Reddy

Mr. P.V.K Chaitanya

Mrs. I. Lavanya Mrs. R. Jalaja

Mr. R. Sund Kumar

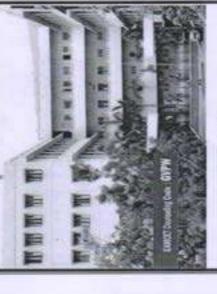
Mr. N.V. Maheswarn Rao Mrs. N. Roopavathi Mrs. B. Lakshmi

Mrs. L. Sarika

Ms. G.P.S Presanthi Mrs. B. Divya Sathi



A Three-Day Faculty Development COMMUNICATION SYSTEMS SIGNAL PROCESSING AND 15th - 17th November, 2017 Programme



Dept. of Electronics and Communication Gayatri Vidya Parishad College of Affiliated to JNTUK, Kakinada Visakhapatnam-530048, AP, India Engineering for Women Kommadi, Madhurawada Engineering Organized by

Visit us at www.grpcew.ac.fn

OBJECTIVE

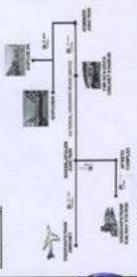
processing algorithms. Rapid advances in communication Fechnology, computer and information technology, have classical statistical signal processing, detection algorithms processing, these have attracted considerable attention due to advances in signal processing and communication. This Though most of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

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

Course Contents

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

Route Map



RESOURCE PERSONS

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

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

Mailing Address:

Dr. K. Srinivasa Rao

Coordinator

GVP College of Engineering for Women, Kommadi, Madhurawada

Visakhapatnam-530048, AP, India : +91 9494379031 Mobile 0891 - 2739144 / 2719124 / 2719125 / 2719127 0891 - 2526639 Phome

ksrinivas.ace@gvpcew.ac.in

REGISTRATION FORM

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

15th - 17th November, 2017

Participant's Name:

Oualification:

Department:

Organization

Address for

Communication Selle

E-mail:

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

DD No.:

Date:

Signature of Participant

Date:

SPONSORSHIP CERTIFICATE

This is to certify that

Dr./Mr./Ms.

Processing and Communication Systems at GVP College institution/organization and is hereby sponsored to attend the three day Faculty Development Programme on Signal Madhurawada, Vhakhapatnam during the period 15% - 17% November, Scholar for Women, Employee/Research of Engineering 2017.

Date:

Signature of Head of the Institution



Gayatri Vidya Parishad College of Engineering for Women

Kommadi, Madhurawada, Visakhapatnani-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

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 processor 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 DEPARTMENT OF ENGINEERING FOR WOSEN WOMEN AND AUGUSTATION ENGINEERING FOR WOSEN WOMEN AND AUGUSTATION OF THE PROPERTY OF THE PROPERTY

COLLEGE OF ENGINEER!

Madhurawada, Visakhapatnam - 530 048

(Approved by ALCHE-NewDelli, Affiliated to HNTUK Kakinad

CERTIFICATE

This is to certify that Br/Prof/Mr/Mrs/Ms G.P.S. Basaathe.

GWPCELL has participated in A Three day Faculty Assistant Professor.

SYSTEMS" held on 15th - 17th November, 2017 organized by Department of Electronics Development Programme on "SIGNAL PROCESSING AND COMMUNICATION

Sommunication Engineering at Gayatri Vidya Parishad College of Engineering for

13-3×

Coordinator

Principal

GIP COMPA & Engrisons

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GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Department of Electronics and Communication Engineering is organizing

Three Day Faculty Development Programme

"SIGNAL PROCESSING AND COMMUNICATION SYSTEMS"

During

15th - 17th November, 2017

ATTENDANCE SHEET

1340 10.00;

Date :15-11-2017

Time:

SNO	NAME	NAME OF THE COLLEGE	SIGNATURE
(1)	DASARI TIRUMALARAO	Research Scholar Depl Ece: AUCE, VSKR	Hexely
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Orientation programs Conducted on Quality issues for Teachers and students



Madhurawada :: Visakhapatnam - 530048

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

(Accredited by NBA for B.Tech-CSE, ECE and IT from 2019-2020 to 2021-2022)

SCHEDULE OF THE STUDENT INDUCTION PROGRAM - 2020-2021

Date	Time	Program
	10.00 AM -10.45 AM	Address by Vice Principal Dr. G.Sudheer, & Prof Gosawmy, Department of ECE
06-01-2021	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
	10.00 AM - 11.30 AM	Fundamental Physics in Daily Life – Mr. VVV Satyanarayana
08-01-2021	11.30 AM - 1.00 PM	Web Designing through Dreamweaver and WIX by Mr. CH V V D Prasad/Mr. M.Santhosh
	10.00 AM -11.00 AM	Basic Mathematics -Dr.T. Poorna Kantha
18-01-2021	11. 00 AM - 12.00 NOON	English - Dr. V Usha Ramani
	12.00 NOON - 1.00 PM	Basics of Computers - Mr. G Sankar Rao
	10.00 AM -11.00 AM	Basic Mathematics -Dr.T. Poorna Kantha
19-01-2021	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

10 Sudheer

(Vice-Principalibr Women G VP College of Engineering libr Women Madhurawada Visakhapatnam-530048

Madhurawada: Visakhapatnam – 530048 (Approved by AICTE, New Delhi and Affiliated to JNTU, KAKINADA) (Accredited by NBA for B.Tech-CSE, ECE and IT from 2019-2020 to 2021-2022)

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 1th 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 on 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 leaning 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 & 21th 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 Leaning 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):

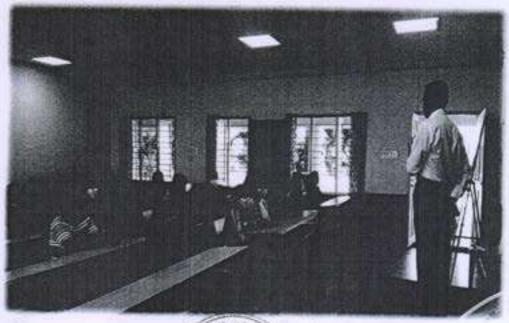
Prof. Varadarajulu garu, GVP College of Engineering (A) gave his lecture on Engineer-Ethics-Society on the last day of the SIP. He made the students understand the role of engineer in the



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:







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

DE GASUDHEER VICE-PRICIPAL

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INDUCTION PROGRAM 2020 - 2021 Attendance Sheet

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12.	N. Amrutha	10316	CSM	N. Amerilla
13.	K.B.S. Anjali	19040	IT	OKAH!
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INDUCTION PROGRAM 2020 - 2021 Attendance Sheet

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EXAM SECTION #

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Fwd: Zoom Link for I year class

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Prof. Dr. RX Goswami opro 🔠 🕦 Pil. 15 Apr at 20 (7 am Yer Sai Prasad K L S.

Forwarded message -From: A, Susselatha < presidente all'accommunicio Date: Fri, Feb S, 2021 at 11.12 AM Subject: Zoom Link for I year class

Respected Sir.

Thank you for accepting our request to deliver a motivational talk for il Year students on 06-02-2021. Your talk is scheduled between 11, 15 AM and 12.45 PM.

Please use the following link to join the virtual class sir. I have attached the Time Table for your reference

Topic: I S.Tech - I Seniester - Online Classes & GVPCEW - Lisk-1 Time: Feb 5, 2021 11:15 India

Join Zoom Meeting

https://web/zoom.ws/879052168697 restn/XXAM/GBRHE-tes/ZeR/zet/zete/ant/us/0

Meeting ID: 876 0521 6869 Patecode: 709453

Regards

Dr. A. SUSEELATHA Assistant Professor

Department of Mathematics

Goyatri Vidya Parishod College of Engineering for Women Visakhopatnom

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Prof. Dr. RK Goswami (1



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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



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I B. TECH I SEM TIME TABLE FOR ONLINE CLASSES FROM 94-02-202 TO 06-02-2021

DATE	6	11.	=	20	04-02-2021 2 & 05-02-2021			
TIME	930 AM - 1130 AM	11.30 AM - 11.45 AM	11.48 AM 12.38 PM	12.35 PM - 2.00 PM	2,00 PM - 2,50 PM		3.00 PM - 3.50 PM	
BRANCH	CSE, CSM, IT, ECE, EEE		CSE, CSM, IT, ECE, EEF		CSE, CSM, IT, ECE, EEE	CSE, IT	ECE, CSM	EEE
SUBJECT NAME	PROCRAMMING FOR PROBLEM SOLVING USING C		MATREMATICS—1 (Calculus and Defferential Equations)		ENGLISH (Communicative English)	APPLIED PHYSICS	APPLIED CHEMISTRY	MATHEMATICS - II (Linear Algebra and Numerical Medicals)
FACULTY NAME	PROF, DR. N.B. VENKATESWARLU	BREAK	DR. A. SUSEELATHA	LUNCH BREAK	DR. CH. ALEKHYA/DR. V. USHA RAMANI	MB. VVV SATYANARAYANA	MR. S. ASHOK	MR. VSVD PRAKASH
To join the meeting click on the following link	Link - 1: Join Zuom Meetingl https://wib2web.asom.ass/1/376/952168697.pwd=WXpMYGBBR HE4ct/ZxRUx4Yzdxdmlk/dxfg or Meeting ID: 876 0521 6869 Passender 709453		Link - 1: [foin Zoem Meeting] https://uni2web.zoem.ns/j/S7605216869?pwd=WXpMVGBBR HEdeUZs/RUs4VzdxdmiUdz@ or Meeting 1D: 876-0521-6869 Fasscade; 709453		Link - 1: [Join Zoom Meeting] https://usb2web.coom.ns/187405216869?pwd~WXgMVGIBB HEdet/ZaRlastvzdadmildetb9 or Meeting ID: 876 0521 6869 Passcode: 709453	Link - 1: [Join Zoom Meeting] https://nof2web.zoom.nu;i3790852168697pwd-WxjnMVGIBR HR4ct/ZxRLixt/xdhdmil/dx09 of Meeting ID: 876 0521 6809 Passende: 700453	Link - 2 Hoin Zeem Meeting https://web.zeem.ns/j/8389793281872wd-zDJscTildmJ nRm98QtVacTR6k21CtT09 of Meeting ID: 838 9793 2818 Passeedet 049952	Link - 3 Google Meets bitps://meet.google.com/cfm-laxh-fb/

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DR.A. SUSEELATHA	BREAK	PROF. DR. R.K.GOSWAMI
MATHEMATICS - 1 (Calculus and Differential Equations)		EXPERT
CSE, CSM, IT, ECE, EEE	*	CSE, CSM, IT, ECE, EEE
930 AM - 11.00 AM TT, ECE, EEE	11.00 AM - 11.15 AM	ILLIS AM - 12.45 PM TT, ECE, EEE
	06-02-2021	





Madhurawada:: Visakhapatnam - 530 048

I B.TECH INDUCTION PROGRAMME REPORT

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN Madhurawada:: Visakhapatnası - 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 $10^{\rm th}$ – $12^{\rm th}$ August and the final phase of admissions during $21^{\rm th}$ -22nd August, 2019. The affiliating University JNTUK has scheduled the class work from $26^{\rm th}$ August 2019. The period from $7^{\rm th}$ August 2019 to $24^{\rm th}$ 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)

- 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.
- 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:
- Mathematics Fundamentals are sufficient for Engineering
- 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.



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I B.TECH INDUCTION PROGRAMME REPORT

- 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

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

20th August, 2019

- Prof. Dr. B.S. Murhty, 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.

21" 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 Marachon session for 4 hours on "What is Engineering" together with the necessary skills to be developed in the Program to become a successful engineer.



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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.

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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







GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN MADHURAWADA::VISAKHAPATNAM

COSCENGERS, CSE Student Association

EXPERT TALK

RY

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. Nelionexa
2	19JG1A0502	AMULYA SURAVARJHULA	& Amelya Antalis
3	19JG1A0503	ANJALI KUMARI	sentatis.
- 4	19JG1A0504	A VENKATA SIVA SWARUPA AMRUTHA	Argosthan
- 5	19JG1A0505	ARUNA KUMARI KUMBHAM	K. Hume
6	19JG1A0506	BADIDHABOINA TEJASWINI	
7.	19JG1A0507	BADIPETLA ROSHINI	B. Roskins.
8	19JG1A0508	BAIREDLA YAMUNA	B. James
9	19JG1A0509	BALLA ROSHINI	B. Roshini .
10	193G1A0510	BANDARU LAKSHMI SREYA TUSHARA	Turker
11	19JG1A0511	BATCHU SREENIDHI	13. Sowandhi
12	19JG1A0512	BATTULA YAMINISAHITYA	B yanini Sahitya
13	19JG1A0513	BAYANA AISHWARYA	B Aidwarya
14	19JG1A0514	BOTSA DRAKSHAYANI	B. Oseakshayard
15	19)G1A0515	BUDARAYAVALASA PRATIBHA JAGATI	8 Pratible Jarati
16	19JG1A0516	BUDI KUMARI	1
17	19JG1A0517	BUGATHA LATHA	B-latha
18	19JG1A0518	CHAGANTI SOUMYA SRI	D. Maria
19	19JG1A0519	CHAITANYA SREE GUNTURU	(phailanga
20	19JG1A0520	CHAMARTY ABITHA	ch-AbHha
21	19JG1A0521	CHANDRAMAHANTHI NITEESHA	ch. Ni Resha
22	19JG1A0522	CHEKKA KAMALA VARSHA	du Kample Vary
23	19JG1A0523	CHEVVAKULA VASAVI	, Ch Vaiavz
24	19JG1A0524	CHINTA JAYANTHI	ch-Jayonthi
25	19JG1A0525	CHIRUKURI ESWARI	Ch. Eswan
26	19JG1A0526	CHODAVARAPU TULASI	Ch. Julaci
27	193G1A0527	CHOWDARI RAMYA KRISHNA	Ch. Rawya txishna
28	19JG1A0528	DANTULURI DURGA BHAVANI	Dirigo Blescoul
29	19JG1A0529	DARUKUMALLI SRAAYYALAAKKSHMI	A. asrnman
30	19JG1A0530	DASARI KAVYA SREE	D. Kouya Siee
31	19JG1A0531	DATLA ANITHA	D. Anste.
32	19JG1A0532	DEVAVARAPU SUVARNA MANJARI	D. Swanne
33	19JG1A0533	DUDDU SREELEKHA	D. Svedekha
34	19JG1A0534	DWARAPUDI HARSHITHA	D-Harabitha
35	19JG1A0535	FARHAT RAHMAN	Farhots -
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41	19JG1A0541	GARIMELLA ANANDITA DAKSHAYANI	le Anandita
42	19JG1A0542	GEDDAM SATYA NEHA SRI	6 Satya Nela Sr
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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	
- 1	19JG1A0565	MADDIPUDI ASWITHA	M. Aswitha
2	19JG1A0566	MADINA HAZIYABANU	MHazlyabanu
3	19JG1A0567	MAGADAPALLI VENKATA SWETHA KALA	M. V. Stirille Kala
- 4	19JG1A0568	MAJJI VEDHAVATHI	M. Yedhavatki
- 5	19JG1A0569	MAMIDISETTI DOLA LAKSHMI	M. Dglo lokshmi
- 6	19JG1A0570	MANEPALLI SAI AASRITHA	N. Asseits
7	39JG1A0571	MARGANA NEELIMA	M. Neetima
8	191G1A0572	MEDISETTI PUNEETHA	M. Puneetha
.9	19JG1A0573	MODALAVALASA SUSHMA	M. Sushma
10	19JG1A0574	MOHAMMED JAHRA	MD Ja han
-11	19JG1A0575	MUTCHA VISHNU PRIYA	M. Vishnu Duive
12	19JG1A0576	MUVVALA HARSHITHA	Harshitha
13	19JG1A0577	NANNURI JHANSI LAKSHMI	10.210ng;
14	19JG1A0578	NARAYANAM NAGA SAI HARANI	N. Harand
15	19JG1A0579	NEELAPU SIRISHA	N Swall
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