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**Directorate of Academic & Planning**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA-533003, Andhra Pradesh, INDIA**  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/ II B.Tech/2018-19

Date: 24-05-2018

**Dr. Ch. Satyanarayana**  
M.Tech, Ph.D.,  
Director, Academic & Planning

To  
The Principals of All Affiliated Colleges,  
JNTUK, Kakinada

**ACADEMIC CALENDAR**

for  
**B.TECH II YEAR**  
**2017 BATCH**

| <b>B.TECH II YEAR I Semester</b>       |                   |            |              |
|--|-------------------|------------|--------------|
| <b>Description</b>                     | <b>From</b>       | <b>To</b>  | <b>Weeks</b> |
| <b>Commencement of Class Work</b>      | <b>11-06-2018</b> |            |              |
| I Unit of Instructions                 | 11-06-2018        | 04-08-2018 | 8W           |
| I Mid Examinations                     | 06-08-2018        | 11-08-2018 | 1W           |
| II Unit of Instructions                | 13-08-2018        | 06-10-2018 | 8W           |
| II Mid Examinations                    | 08-10-2018        | 13-10-2018 | 1W           |
| Preparation & Practicals               | 15-10-2018        | 20-10-2018 | 1W           |
| End Examinations                       | 22-10-2018        | 03-11-2018 | 2W           |
| <b>Commencement of Class Work</b>      | <b>19-11-2018</b> |            |              |
| <b>B.TECH II YEAR II Semester</b>      |                   |            |              |
| I Unit of Instructions                 | 19-11-2018        | 12-01-2019 | 8W           |
| I Mid Examinations                     | 17-01-2019        | 23-01-2019 | 1W           |
| II Unit of Instructions                | 24-01-2019        | 23-03-2019 | 8W           |
| II Mid Examinations                    | 25-03-2019        | 30-03-2019 | 1W           |
| Preparation & Practicals               | 01-04-2019        | 06-04-2019 | 1W           |
| End Examinations                       | 08-04-2019        | 20-04-2019 | 2W           |
| <b>Commence of III Year Class Work</b> | <b>10-06-2019</b> |            |              |

  
Director Academic and Planning

Copy to the Secretary to the Hon'ble Vice Chancellor  
Copy to the Rector  
Copy to the Registrar  
Copy to the Director of Evaluation  
Copy to the Controller of Examination





# Gayatri Vidya Parishad College of Engineering for Women

Madhurawada, Visakhapatnam

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

Department of Electronics & Communication Engineering

## Calendar of Academic Activities - Carried Out

II B.Tech. II Semester (2018-2019)

Date: 13-05-2019

| Month  | Working Days |     |     |     |     |     |     | Total Working Days | Activities   |
|--|--------------|-----|-----|-----|-----|-----|-----|--------------------|--|
|  | Sun          | Mon | Tue | Wed | Thu | Fri | Sat |                    |  |
| NOV  |              |     |     |     | 1   | 2   | 3   | 0                  | 19-11-2018 Commencement of classes   |
|  | 4            | 5   | 6   | 7   | 8   | 9   | 10  | 0                  | 21-11-2018 Eid Miladun Nabi  |
|  | 11           | 12  | 13  | 14  | 15  | 16  | 17  | 0                  | 26-11-2018 Class Committee Meeting - 1   |
|  | 18           | 19  | 20  | 21  | 22  | 23  | 24  | 5                  |  |
|  | 25           | 26  | 27  | 28  | 29  | 30  |     | 5                  |  |
| DEC  |              |     |     |     |     |     | 1   | 1                  | 08-12-2018 Second Saturday   |
|  | 2            | 3   | 4   | 5   | 6   | 7   | 8   | 5                  | 17-12-2018 Holiday due to Pethay Thufan  |
|  | 9            | 10  | 11  | 12  | 13  | 14  | 15  | 6                  | 18-12-2018 Exhibition on "Life & works of Sri Srinivasa Ramanujan" on the eve of his 132 annual birthday celebration   |
|  | 16           | 17  | 18  | 19  | 20  | 21  | 22  | 5                  |  |
|  | 23           | 24  | 25  | 26  | 27  | 28  | 29  | 5                  | 25-12-2018 Christmas   |
|  | 30           | 31  |     |     |     |     |     | 1                  | 28-12-2018 Student Technical Power Point Presentations on behalf of ECLAT & IETE   |
| JAN  |              |     | 1   | 2   | 3   | 4   | 5   | 5                  | 11-01-2019 Rangoli Competition   |
|  | 6            | 7   | 8   | 9   | 10  | 11  | 12  | 5                  | 12-01-2019 to 17-01-2019 Pongal Vacation   |
|  | 13           | 14  | 15  | 16  | 17  | 18  | 19  | 2                  | 26-01-2019 Republic Day  |
|  | 20           | 21  | 22  | 23  | 24  | 25  | 26  | 5                  | 31-01-2019 to 11-01-2019 MID - I Examination   |
|  | 27           | 28  | 29  | 30  | 31  |     |     | 4                  |  |
| FEB  |              |     |     |     |     | 1   | 2   | 1                  | 01-02-2019 Holiday due to bandh  |
|  | 3            | 4   | 5   | 6   | 7   | 8   | 9   | 5                  | 09-02-2019 Second Saturday   |
|  | 10           | 11  | 12  | 13  | 14  | 15  | 16  | 6                  | 15-02-2019 Class Committee Meeting - 2   |
|  | 17           | 18  | 19  | 20  | 21  | 22  | 23  | 6                  | 28-02-2019 Guest Lecture by Prof. Varadarajulu, Senior Professor, GVPCE(A) on "Role of science, Eng., & Technology for the service of society" & Poster presentation on the eve of National Science day. |
|  | 24           | 25  | 26  | 27  | 28  |     |     | 4                  |  |
| MAR  |              |     |     |     |     | 1   | 2   | 2                  | 04-03-2019 Maha Shivaratri   |
|  | 3            | 4   | 5   | 6   | 7   | 8   | 9   | 4                  | 07-03-2019 Guest Lecture by Dr. K. Chandra Bhushana Rao H. O.D ECE, JNTUKUCEV on "Electro Magnetic Waves & Transmission Lines"   |
|  | 10           | 11  | 12  | 13  | 14  | 15  | 16  | 6                  |  |
|  | 17           | 18  | 19  | 20  | 21  | 22  | 23  | 6                  |  |
|  | 24           | 25  | 26  | 27  | 28  | 29  | 30  | 6                  | 09-03-2019 Second Saturday   |
|  | 31           |     |     |     |     |     |     |                    | 18-03-2019 Students Hardware Expo on behalf of ECLAT & IETE  |
| APR  |              | 1   | 2   | 3   | 4   | 5   | 6   | 0                  | 19-03-2019 Class Committee Meeting - 3   |
|  | 7            | 8   | 9   | 10  | 11  | 12  | 13  | 0                  | 25-03-2019 to 30-03-2019 MID - II Examination  |
|  | 14           | 15  | 16  | 17  | 18  | 19  | 20  | 0                  | 01-04-2019 & 04-04-2019 JNTUK Lab External Exam  |
|  | 21           | 22  | 23  | 24  | 25  | 26  | 27  | 0                  | 05-04-2019 Babu Jag Jiven Ram Jayanthi   |
|  | 28           | 29  | 30  |     |     |     |     | 0                  | 06-04-2019 Ugadhi  |
|  |              |     |     |     |     |     |     |                    | 11-04-2019 Election voting day   |
| MAY  |              |     |     | 1   | 2   | 3   | 4   | 0                  | 13-04-2019 Second Saturday   |
|  | 5            | 6   | 7   | 8   | 9   | 10  | 11  | 0                  | 16-04-2019 to 13-05-2019 JNTUK External Exams  |
|  | 12           | 13  | 14  | 15  | 16  | 17  | 18  | 0                  | 19-04-2019 Good Friday   |
|  | 19           | 20  | 21  | 22  | 23  | 24  | 25  | 0                  | 16-04-2019 to 13-05-2019 JNTUK External Exams  |
|  | 26           | 27  | 28  | 29  | 30  | 31  |     | 0                  | 11-05-2019 Second Saturday   |
|  |              |     |     |     |     |     |     |                    |  |
| Total Working Days including JNTUK Internal Examinations |              |     |     |     |     |     |     | 100 Days           |  |

Commencement of classwork  
 JNTUK MID-I Exams  
 JNTUK MID-II Exams  
 JNTUK Lab External Exam  
 JNTUK External Exams

Preparation Holidays  
 Holidays  
 Special Events  
 Guest Lectures  
 Meetings







# Gayatri Vidya Parishad College of Engineering for Women

Madhurawada, Visakhapatnam

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

Department of Electronics & Communication Engineering

## Calendar of Academic Activities - Planning

II B.Tech. II Semester (2018-2019)

Date: 16-11-2018

| Month  | Working Days |     |     |     |     |     |     | Total Working Days | Activities  |
|--|--------------|-----|-----|-----|-----|-----|-----|--------------------|---|
|  | Sun          | Mon | Tue | Wed | Thu | Fri | Sat |                    |   |
| NOV  |              |     |     |     | 1   | 2   | 3   | 0                  | 19-11-2018 Commencement of classes                |
|  | 4            | 5   | 6   | 7   | 8   | 9   | 10  | 0                  | 21-11-2018 Eid Miladun Nabi                       |
|  | 11           | 12  | 13  | 14  | 15  | 16  | 17  | 0                  | 26-11-2018 Class Committee Meeting - 1            |
|  | 18           |     | 20  | 21  | 22  | 23  | 24  | 5                  |   |
|  | 25           | 26  | 27  | 28  | 29  | 30  |     | 5                  |   |
| DEC  |              |     |     |     |     |     | 1   | 1                  | 08-12-2018 Second Saturday                        |
|  | 2            | 3   | 4   | 5   | 6   | 7   | 8   | 5                  | 22-12-2018 Guest Lecture by Industrial Expert     |
|  | 9            | 10  | 11  | 12  | 13  | 14  | 15  | 6                  | 25-12-2018 Christmas                              |
|  | 16           | 17  | 18  | 19  | 20  | 21  | 22  | 6                  | 29-12-2018 Workshop on Advanced Technologies      |
|  | 23           | 24  | 25  | 26  | 27  | 28  | 29  | 5                  |   |
|  | 30           | 31  |     |     |     |     |     | 1                  |   |
| JAN  |              |     | 1   | 2   | 3   | 4   | 5   | 5                  | 11-01-2019 Rangoli Competition                    |
|  | 6            | 7   | 8   | 9   | 10  | 11  | 12  | 5                  | 12-01-2019 to 15-01-2019 Pongal Vacation          |
|  | 13           | 14  | 15  | 16  | 17  | 18  | 19  | 4                  | 17-01-2019 to 23-01-2019 MID - I Examination      |
|  | 20           | 21  | 22  | 23  | 24  | 25  | 26  | 5                  | 26-01-2019 Republic Day                           |
|  | 27           | 28  | 29  | 30  | 31  |     |     | 4                  |   |
| FEB  |              |     |     |     |     | 1   | 2   | 2                  | 02-02-2019 Class Committee Meeting - 2            |
|  | 3            | 4   | 5   | 6   | 7   | 8   | 9   | 5                  | 09-02-2019 Second Saturday                        |
|  | 10           | 11  | 12  | 13  | 14  | 15  | 16  | 6                  | 16-02-2019 Guest Lecture by Industrial Expert     |
|  | 17           | 18  | 19  | 20  | 21  | 22  | 23  | 6                  | 23-02-2019 Workshop on Advanced Technologies      |
|  | 24           | 25  | 26  | 27  | 28  |     |     | 4                  |   |
| MAR  |              |     |     |     |     | 1   | 2   | 2                  | 04-03-2019 Maha Shivaratri                        |
|  | 3            | 4   | 5   | 6   | 7   | 8   | 9   | 4                  | 09-03-2019 Second Saturday                        |
|  | 10           | 11  | 12  | 13  | 14  | 15  | 16  | 6                  | 16-03-2019 College Annual Day                     |
|  | 17           | 18  | 19  | 20  | 21  | 22  | 23  | 5                  | 18-03-2019 Class Committee Meeting - 3            |
|  | 24           | 25  | 26  | 27  | 28  | 29  | 30  | 6                  | 21-03-2019 - Holli                                |
| APR  |              |     |     |     |     |     |     |                    | 25-03-2019 to 30-03-2019 MID - II Examination     |
|  |              | 1   | 2   | 3   | 4   | 5   | 6   | 0                  | 01-04-2019 to 05-04-2019 JNTUK Lab External Exams |
|  | 7            | 8   | 9   | 10  | 11  | 12  | 13  | 0                  | 06-04-2019 Ugadhi                                 |
|  | 14           | 15  | 16  | 17  | 18  | 19  | 20  | 0                  | 08-04-2019 to 20-04-2019 JNTUK External Exams     |
|  | 21           | 22  | 23  | 24  | 25  | 26  | 27  | 0                  | 13-04-2019 Sri Ramanavami                         |
|  | 28           | 29  | 30  |     |     |     |     | 0                  | 19-04-2019 Good Friday                            |
| Total Working Days including JNTUK Internal Examinations |              |     |     |     |     |     |     | 103 Days           |   |

Commencement of classwork  
JNTUK MID-I Exams  
JNTUK MID-II Exams  
JNTUK Lab External Exam  
JNTUK External Exams

Preparation Holidays  
Holidays  
Special Events  
Guest Lectures  
Meetings





Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam – 530 048

(Affiliated to JNTUK, Approved by AICTE, New Delhi, accredited by NBA)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**MINUTES OF THE MEETING OF THE DEPARTMENT ADVISORY COMMITTEE**

**HELD ON 24<sup>th</sup> February 2021 IN THE HOD'S CHAMBER**

Members present:

1. Dr. K. Srinivasa Rao, HoD, ECE ... In the chair
2. Dr. P.M.K. Prasad, Associate Professor, ECE
3. Dr. L. Ganesh, Associate Professor, ECE
4. Dr. B. Vijya Lakshmi, Associate Professor, ECE
5. Dr. D.A.V.N Ravi Kumar, Associate Professor, ECE
6. Ms. B.V.S. Renuka, Assistant Professor, ECE
7. Ms. Ch. Sirisha, Assistant Professor, ECE

Agenda:

1. Ensuing subjects and Electives of II, III, IV B. Tech, Semester-II, AY: 2020-21
2. Preparation of Course Outcomes, CO-PO Mapping, and justification for the even semester subjects of R19 regulations.
3. Procurement of Laboratory equipment.
4. Planning of Academic and Co-Circular activities.
5. Any other issues with the permission of chair.

The members discussed and resolved the following:

1. At the outset the Chairman welcomed all present and briefed the forum about compulsory, professional elective, open elective subjects and labs pertaining to II (R-19), III (R-16), IV (R-16), Semester -II, AY:2020-2021. It was decided to conduct the class work through Online mode due to lock down in view of Covid-19.
2. As JNTU-K has introduced the R-19 regulation, the DAC members provided feedback on the contents of new curriculum and its transactions. HoD then requested the DAC members to submit the detailed feedback report on R-19 regulations.
3. Then the discussions were held regarding selection of the subjects for Open Elective, Elective- III and decided to select the following two subjects for III for IV ECE



semester II to enhance the knowledge in the area of Artificial Neural Networks, VLSI & sensor networks. It was also decided to take options from the students to choose one subject in each category.

### III Year

Open Elective: Subject 1 – Bio – Medical Engineering

Subject 2 – Artificial Neural Networks

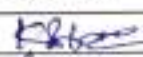
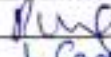
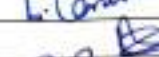
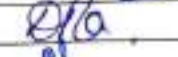


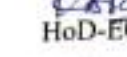
### IV Year

Elective – III: Subject 1 –Digital IC Design

Subject 2 – Wireless sensor networks

4. DAC members then requested the course-coordinators to coordinate with subjects handling faculty in preparation of the COs, CO-PO/PSO mapping and its justification for the subjects of R-19 regulations.
5. After this HoD briefed about the requirement of new equipment and consumables for the labs.
6. Further concerned labs in charges were requested to get the quotations from suppliers and process further for purchase of equipment.
7. DAC members discussed about the academic and co-circular activities carried out and it was decided to conduct FDP in the area of Signal Processing, VLSI, IOT, Machine Learning and activities to be carried out by professional bodies such as IETE, IEEE and student body ECLAT-A through online mode.
8. HoD requested DAC members to verify course files and lab files of the previous semester as part of Academic audit.
9. There being no further points, meeting was concluded.

Members Present:

| S.No. | Name   | Signature   |
|-------|--|---|
| 1     | Dr. K. Srinivasa Rao, HoD, ECE                   |  |
| 2     | Dr. P.M.K. Prasad, Associate Professor, ECE      |  |
| 2     | Dr. L. Ganesh, Associate Professor, ECE          |  |
| 4     | Dr. B.Vijya Lakshmi, Associate Professor, ECE    |  |
| 5     | Dr. D.A.V.N Ravi Kumar, Associate Professor, ECE |  |
| 6     | Ms. B.V.S. Renuka, Assistant Professor, ECE      |  |
| 7     | Ms. Ch. Sirisha, Assistant Professor, ECE        |  |

Date: 26-02-2021



  
HoD-ECE





Gayatri Vidya Parishad College of Engineering for Women

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**MINUTES OF THE MEETING OF THE DEPARTMENT ADVISORY COMMITTEE**

**HELD ON 7<sup>th</sup> September 2020 IN THE HOD'S CHAMBER**

Members present:

1. Dr. K. Srinivasa Rao, HoD, ECE ... In the chair
2. Dr. P.M.K. Prasad, Associate Professor, ECE
3. Dr. L. Ganesh, Associate Professor, ECE
4. Dr. B. Vijya Lakshmi, Associate Professor, ECE
5. Dr. D.A.V.N Ravi Kumar, Associate Professor, ECE
6. Ms. B.V.S. Renuka, Assistant Professor, ECE
7. Ms. Ch. Sirisha, Assistant Professor, ECE

Agenda:

1. Ensuing subjects and Electives of II, III, IV B. Tech, Semester-I, AY: 2020-21
2. Preparation of Course Outcomes, CO-PO Mapping, and justification for the even semester subjects of R20 regulations.
3. Procurement of Laboratory equipment.
4. Planning of Academic and Co-Circular activities.
5. Any other issues with the permission of chair.

The members discussed and resolved the following:

1. At the outset the Chairman welcomed all present and briefed the forum about compulsory, professional elective, open elective subjects and labs pertaining to II (R-20), III (R-19), IV (R-16), Semester -I, AY:2020-2021. It was decided to conduct the class work through Online mode due to lock down in view of Covid-19.
2. As JNTU-K has introduced the R-19 regulation, the DAC members provided feedback on the contents of new curriculum and its transactions. HoD then requested the DAC members to submit the detailed feedback report on R-19 regulations.
3. Then the discussions were held regarding selection of the subjects for Elective 1,2 for IV ECE, Semester I. It was decided to select the following to enhance the knowledge in the advancements in field of Embedded Systems, VLSI, and Telecommunications.



It was also decided to take options from the students to choose one subject in each category.

IV-I ECE: Elective 1: 1. System Design Through Verilog, 2. Electronic Switching Systems

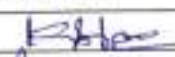






Elective 2: 1. Analog IC Design, 2. Embedded Systems

4. DAC members then requested the course-coordinators to coordinate with subjects handling faculty in preparation of the COs, CO-PO/PSO mapping and its justification for the subjects of R-19.
5. After this HoD briefed about the requirement of new equipment and consumables for the labs of R-19 STLD lab. Based on the discussion, it was decided to procure the following:-

(a) Different of ICs of STLD.

6. Further concerned labs in charges were requested to get the quotations from suppliers and process further for purchase of ICs.
7. DAC members discussed about the academic and co-circular activities carried out and it was decided to conduct FDP in the area of Signal Processing, IOT, and VLSI along with activities carried out by professional bodies such as IETE, IEEE and student body ECLAT-A through online mode.
8. HoD requested DAC members to verify course files and lab files of the previous semester as part of Academic audit.
9. There being no further points, meeting was concluded.

Members Present:

| S.No. | Name   | Signature   |
|-------|--|---|
| 1     | Dr. K. Srinivasa Rao, HoD, ECE                   |  |
| 2     | Dr. P.M.K. Prasad, Associate Professor, ECE      |  |
| 2     | Dr. L. Ganesh, Associate Professor, ECE          |  |
| 4     | Dr. B.Vijya Lakshmi, Associate Professor, ECE    |  |
| 5     | Dr. D.A.V.N Ravi Kumar, Associate Professor, ECE |  |
| 6     | Ms. B.V.S. Renuka, Assistant Professor, ECE      |  |
| 7     | Ms. Ch. Sirisha, Assistant Professor, ECE        |  |

Date: 09-08-2020



  
HoD-ECE



Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam – 530 048

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-10-2019

### Internal Note

19.20 (2 Sem)

**Sub: Subject Options** for I (R-19), II, III and IV Years – II Semester (R-16) for the year 2019-20

In view of II semester for AY: 2019-20, the following are the list of subjects. All faculties are requested to give three options for the theory subjects and two options for the laboratory courses.

  
HOD-ECE

DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
G V P COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM-530 048





Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam - 530 048

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**B Tech. (ECE) II SEMESTER SUBJECTS FOR AY-2019-20**

**ECE - I Year - II Semester (R-19) (Acad. Session starts from 27.01.2020)**

| S.No. | Paper Title                     |
|-------|---------------------------------|
| 1     | Electronic workshop             |
| 2     | Engineering Exploration Project |

**ECE - II Year - II Semester (R-16) (Acad. Session starts from 18.11.2019)**

| S.No. | Paper Title                             |
|-------|---|
| 1     | ECA - Electronic Circuit Analysis       |
| 2     | CS - Control Systems                    |
| 3     | EMWTL - EM Waves and Transmission Lines |
| 4     | AC - Analog Communications              |
| 5     | PDC - Pulse & Digital Circuits          |
| 6     | MS - Management Science                 |
| 7     | ECA - Lab                               |
| 8     | AC - Lab                                |

**ECE - III Year - II Semester (R-16) (Acad. Session starts from 18.11.2019)**

| S.No. | Paper Title                               |
|-------|---|
| 1     | Microprocessors and Microcontrollers      |
| 2     | Digital Signal Processing                 |
| 3     | VLSI Design                               |
| 4     | Microwave Engineering                     |
| 5     | <b>OPEN ELECTIVE</b><br>OOPs through Java |
| 6     | Microprocessors and Microcontrollers Lab  |
| 7     | Digital Communications Lab                |
| 8     | VLSI Lab                                  |
| 9     | IPR & P                                   |



**ECE – IV Year – II Semester (R-16) (Acad. Session starts from 18.11.2019)**

| S.No. | Paper Title                                 |
|-------|---|
| 1     | Cellular and Mobile Communications          |
| 2     | Electronic Measurements and Instrumentation |
| 3     | Satellite Communication                     |
| 4     | <b>Elective III</b><br>Digital IC Design    |

**Electronics Courses in other branches (Second Semester)**

| S. No. | Course | I – II (R19)<br>(Acad. Session starts from<br>27.01.2020) | II – II(R16)<br>(Acad. Session starts from<br>18.11.2019)      | III – II(R16)<br>(Acad. Session starts from<br>18.11.2019)         |
|--------|--------|---|--|--|
| 1.     | EEE    |   | 1. Switching Theory &<br>Logic Design (STLD)<br><br>2. EDC LAB | 1. Microprocessors &<br>Microcontrollers (MPMC)<br><br>2. MPMC LAB |
| 2.     | CSE    | Digital Logic<br>Design (DLD)                             | --   | --   |
| 3.     | IT     | Digital Logic<br>Design (DLD)                             | --   | --   |







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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-10-2019

**Subject Allotment** for I, II, III and IV Years - II Semester for the year 2019 - 20

| S.No | Name of Faculty             | Theory Subjects and Laboratory courses.         |
|------|-----------------------------|---|
| 1.   | Dr. K Srinivasa Rao         | AC (I-II), DSP (III-IV), CMC (II-III), AC Lab   |
| 2.   | Dr. PMK Prasad              | CMC (4-2), DSP (3-2), AC (2-2), DC Lab (3-2)    |
| 3.   | Dr. L Ganesh                | AC, STLD (EEE), DLD (ESE), DLD (IT), MPME (ECE) |
| 4.   | Ms. BVS Renuka Devi         | AC Lab, Electronic Workshop, EDC Lab, MPME Lab  |
| 5.   | Dr. B Vijayalakshmi         | DSP (3-2), STLD, CS, VLSI Lab, MPME Lab         |
| 6.   | Mr. DVAN Ravi Kumar         | AC, EEE-STLD, ENI, AC Lab, ECA Lab              |
| 7.   | Ms. Ch. Sirisha             | Electronic Workshop                             |
| 8.   | Ms. M Mani Kumari           | DSP (III-IV) - Digital Signal Processing        |
| 9.   | Mr. NV Maheswara Rao        | CS (I-II) - Control Systems                     |
| 10.  | Ms. B Lakshmi               | STLD, MPME, MPME Lab, VLSI Lab                  |
| 11.  | Ms. L Sarika                | Digital IC Design, VLSI Lab                     |
| 12.  | Ms. N Roopavathi            | ECA, MWE, Satellite Comm                        |
| 13.  | Mr. P V K Chaitanya         | ECA Lab, EDC Lab, Electronic Workshop           |
| 14.  | Ms. I Lavanya               | VLSI Lab, Digital IC Design, PDC                |
| 15.  | Mr. R Sunil Kumar           | VLSI Lab, EDC Lab                               |
| 16.  | Ms. R. Jalaja               | Satellite Communications, MWE, CMC              |
| 17.  | Mr. S. Ramanjaneya Reddy    | AC, AC Lab, DC Lab, ECA Lab                     |
| 18.  | Ms. GPS Prashanthi          | CMC, Satellite Comm, PDC, EDC Lab, ECA Lab      |
| 19.  | Ms. B. Divya Sathi          | MPME, STLD, DLD, MPME Lab, ECA Lab              |
| 20.  | Mr. KSA Naidu               | PDC, MWE, STLD, ECA Lab, EDC Lab                |
| 21.  | Dr. P. V. Dileep Bhumireddi | EMWT, CMC, AC                                   |
| 22.  | Mr. N. Madhudsudhanan       | AC Lab, DC Lab                                  |

*[Signature]*  
HOD ECE

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING  
G V P COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM-530 048





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY LOAD FOR A.Y.2019 - 2020, II SEMESTER

| NO. | FACULTY               | THEORY  | CLASS            | LABS                | CLASS                | TOTAL LOAD |
|-----|-----------------------|---|------------------|---------------------|----------------------|------------|
| 1   | Prof. K Rajarajeswari | Expert Talks in Analog Communications                 | 2ECE-1&2         |                     |                      |            |
| 2   | Dr. K. Srinivasa Rao  | Analog Communications                                 | 2ECE1            | DC LAB              | 3ECE2-A              | 7          |
| 3   | Dr. PMK Prasad        | Cellular Mobile Communication                         | 4ECE1            | DC LAB              | 3ECE2-B              | 7          |
| 4   | Dr. L. Ganesh         | Analog Communications                                 | 2ECE2            | AC LAB              | 2ECE-2-A&B           | 10         |
| 5   | Ms. BVS Renuka Devi   | Digital Signal Processing                             | 3ECE2            | VLSI LAB            | 3ECE-2-A&B           | 10         |
| 6   | Dr. B Vijayalakshmi   | Electronic Measurements & Instrumentation             | 4ECE2            | AC LAB<br>EDC LAB   | 2ECE-1-A&B<br>2EEE-B | 13         |
| 7   | Dr. DVAN Ravi Kumar   | Pulse & Digital Circuits<br>Digital Signal Processing | 2ECE-2<br>3ECE-1 | ECA LAB             | 2ECE-2-A&B           | 14         |
| 8   | Ms. Ch. Sirisha       | Microprocessors & Microcontrollers                    | 3ECE1            | MPMC LAB            | 3ECE1-A              | 7          |
| 9   | Ms. M Mani Kumari     | Digital IC Design                                     | 4ECE2            | VLSI LAB<br>EDC LAB | 3ECE-2-A&B<br>2EEE-A | 13         |
| 10  | Mr. NVMaheswara Rao   | Microwave Engineering                                 | 3ECE-1&2         | ECA LAB             | 2ECE-1-A&B           | 14         |
| 11  | Ms. B Lakshmi         | VLSI Design   | 3ECE-1&2         | VLSI LAB            | 3ECE-1-A&B           | 14         |

*K. Srinivas*



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY LOAD FOR A.Y.2019 - 2020, II SEMESTER

| NO. | FACULTY                 | THEORY  | CLASS            | LABS                 | CLASS                    | TOTAL LOAD |
|-----|-------------------------|---|------------------|----------------------|--------------------------|------------|
| 12  | Ms. L. Sarika           | Satellite Communication   | 4ECE1            | AC LAB               | 2ECE-1-A<br>2ECE-2-A&B   | 13         |
| 13  | Ms. N Roopavathi        | Pulse & Digital Circuits<br>Satellite Communication                           | 2ECE-1<br>4ECE-2 | DC LAB               | 3ECE-1-A&B               | 14         |
| 14  | Mr. P V K Chaitanya     | Microprocessors & Microcontrollers<br>Digital Logic Design                    | 3ECE2<br>1CSE-2  | MPMC LAB             | 3ECE-2-A&B               | 14         |
| 15  | Mr. R Sunil Kumar       | EM Waves & Transmission Lines   | 2ECE-1&2         | DC LAB               | 3ECE-2-A&B               | 14         |
| 16  | Ms R.Jalaja             | Digital IC Design   | 4ECE1            | VLSI LAB<br>MPMC LAB | 3ECE-1-A&B<br>3EEE-A     | 13         |
| 17  | Mr.S.Ramanjaneya Reddy  | Electronic Circuit Analysis   | 2ECE-1&2         | ECA LAB              | 2ECE-2-A&B               | 14         |
| 18  | Ms. GPS Prashanthi      | Microprocessors & Microcontrollers<br>Digital Logic Design                    | 3EEE<br>1CSE-1   | MPMC LAB             | 3EEE-A&B<br>3ECE-1-B     | 17         |
| 19  | Ms.B.DivyaSathi         | Digital Logic Design  | 1 IT             | AC LAB<br>EDC LAB    | 2ECE-1-B<br>2EEE-A&B     | 13         |
| 20  | Mr. KSA Naidu           |   |                  | ECA LAB<br>MPMC LAB  | 2ECE-1-A&B<br>3ECE-2-A&B | 12         |
| 21  | Dr.P.V.DileepBhumireddi | Switching Theory & Logic Design   | 2EEE             | MPMC LAB             | 3ECE-1-A&B<br>3EEE-B     | 13         |
| 22  | Mr.N.Madhudsudhanan     | Electronic Measurements &<br>Instrumentation<br>Cellular Mobile Communication | 4ECE-1<br>4ECE-2 | DC LAB               | 3ECE-1-A&B               | 14         |

*K. S. Rao*



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**SUBJECT ALLOTMENT**

**Academic Year : 2019 – 2020**

**Year: II – II**

**Regulation: R16**

**Batch : 2018**

**Academic Session Duration : 18-11-2019 to 21-03-2020**

**Mid-1: 20-1-20 to 25-1-20**

**Mid-2: 11-11-20 to 13-11-20**

| Subject/Laboratory              |         | Faculty                                 |                                  |
|---------------------------------|---------|---|----------------------------------|
|                                 |         | ECE – 1                                 | ECE – 2                          |
| Electronic Circuit Analysis     |         | Mr.S.R.Reddy                            | Mr.S.R.Reddy                     |
| Management Science              |         | Dr.K.Visweswara Rao                     | Dr.K.Visweswara Rao              |
| Control Systems                 |         | Mr.Y.Ramu                               | Ms.N.Veekshitha                  |
| Pulse & Digital Circuits        |         | Ms.N.Roopavathi                         | Dr.D.Ravi Kumar                  |
| EM Waves & Transmission Lines   |         | Mr.R.Sunil Kumar                        | Mr.R.Sunil Kumar                 |
| Analog Communications           |         | Dr.K.Srinivasa Rao                      | Dr.L.Ganesh                      |
| Analog Communications Lab       | Batch-A | Dr.B.VijayaLakshmi/<br>Ms.L.Sarika      | Dr.L.Ganesh/<br>Ms.L.Sarika      |
|                                 | Batch-B | Dr.B.VijayaLakshmi/<br>Ms.B.Divya Sathi | Dr.L.Ganesh/<br>Ms.L.Sarika      |
| Electronic Circuit Analysis Lab | Batch-A | Mr.N.V.Maheswara Rao/<br>Mr.K.S.A.Naidu | Mr.S.R.Reddy/<br>Dr.D.Ravi Kumar |
|                                 | Batch-B | Mr.N.V.Maheswara Rao/<br>Mr.K.S.A.Naidu | Mr.S.R.Reddy/<br>Dr.D.Ravi Kumar |

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# SUBJECT ALLOTMENT

Academic Year : 2019 – 2020

Year: III – II

Regulation: R16

Batch : 2017

Academic Session Duration : 18-11-2019 to 21-03-2020

Mid-1: 20-1-20 to 24-1-20

Mid-2: 12-10-20 to 17-10-20

| Subject/Laboratory                     |         | Faculty                                 |   |
|--|---------|---|---|
|  |         | ECE – 1                                 | ECE – 2                                   |
| Microprocessors & Microcontrollers     |         | Ms.Ch.Sirisha                           | Mr.P.V.K.Chaitanya                        |
| Digital Signal Processing              |         | Dr.D.Ravi Kumar                         | Ms.B.V.S.Renuka Devi                      |
| VLSI Design                            |         | Ms.B.Lakshmi                            | Ms.B.Lakshmi                              |
| Microwave Engineering                  |         | Mr.N.V.Maheswara Rao                    | Mr.N.V.Maheswara Rao                      |
| IPR & Patents                          |         | Dr.R.P.Nanda                            | Dr.R.P.Nanda                              |
| Open Elective:<br>OOPS Through JAVA    |         | Mr.G.Tirupati                           | Mr.R.Sateesh Kumar                        |
| Microprocessors & Microcontrollers Lab | Batch-A | Ms.Ch.Sirisha/<br>Dr.B.P.V.Dileep       | Mr.P.V.K.Chaitanya/<br>Mr.K.S.A.Naidu     |
|  | Batch-B | Ms.G.P.S.Prashanthi/<br>Dr.B.P.V.Dileep | Mr.P.V.K.Chaitanya/<br>Mr.K.S.A.Naidu     |
| Digital Communications Lab             | Batch-A | Ms.N.Roopavathi/<br>Mr.N.Madhusudhanan  | Dr.K.Srinivasa Rao/<br>Mr.R.Sunil Kumar   |
|  | Batch-B | Ms.N.Roopavathi/<br>Mr.N.Madhusudhanan  | Dr.P.M.K.Prasad/<br>Mr.R.Sunil Kumar      |
| VLSI Lab                               | Batch-A | Ms.B.Lakshmi/<br>Ms.R.Jalaja            | Ms.M.Mani Kumari/<br>Ms.B.V.S.Renuka Devi |
|  | Batch-B | Ms.B.Lakshmi/<br>Ms.R.Jalaja            | Ms.M.Mani Kumari/<br>Ms.B.V.S.Renuka Devi |

*K. Srinivas*  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**SUBJECT ALLOTMENT**

**Academic Year : 2019 - 2020**

**Year: IV - II**

**Regulation: R16**

**Batch : 2016**

**Academic Session Duration : 18-11-2019 to 21-03-2020**

**Mid-1: 20-1-20 to 24-1-20**

**Mid-2: 21-9-20 to 24-9-20**

| Subject/Laboratory                        | Faculty            |                    |
|---|--------------------|--------------------|
|   | ECE - 1            | ECE - 2            |
| Cellular Mobile Communication             | Dr.P.M.K.Prasad    | Mr.N.Madhusudhanan |
| Electronic Measurements & Instrumentation | Mr.N.Madhusudhanan | Dr.B.VijayaLakshmi |
| Satellite Communication                   | Ms.L.Sarika        | Ms.N.Roopavathi    |
| Elective III:<br>Digital IC Design        | Ms.R.Jalaja        | Ms.M.Mani Kumari   |

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## Gayatri Vidya Parishad College of Engineering for Women

Madhuvaramada, Visakhapatnam  
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Name of the Faculty: Ms. K. Rohini

Subject taught: Statistics with R Programming

Academic Year: 2019-2020

Regulation: R16

Department: CSE-2

Subject Code: R1621051

Date: 10-06-2019

### LECTURE SCHEDULE

| Pre-requisite Course Names: |             |              | Probability and Statistics, Computer Programming, Data Structures |  |   |
|-----------------------------|-------------|--------------|---|--|---|
| S. No.                      | Lecture No. | Date Planned | Topic Name  | Reference Material                           |   |
|                             |             |              |   | Text Book / Reference Book / Online Material | Page No./ Ref. Link   |
| UNIT-I                      |             |              |   |  |   |
| 1                           | 1           | 11/06/2019   | Course objectives, Introduction: R programming overview           | T3   | 1   |
| 2                           | 2           | 12/06/2019   | How to run R  | T3   | 2,3   |
| 3                           | 3           | 13/06/2019   | Basic Math, Variables   | T3   | 9   |
| 4                           | 4           | 13/06/2019   | R Sessions  | T3   | 4   |
| 5                           | 5           | 14/06/2019   | Functions   | T3   | <a href="https://www.datamentor.co/r-programming/functions/">https://www.datamentor.co/r-programming/functions/</a> |
| 6                           | 6           | 18/06/2019   | Data Types  | T3   | 10,14   |

LECTURE SCHEDULE

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## Gayatri Vidya Parishad College of Engineering for Women

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|               |     |                          |   |    |  |
|---------------|-----|--------------------------|---|----|--|
| 7             | 7,8 | 19/06/2019<br>20/06/2019 | Vectors   | T3 | 25-36  |
| 8             | 9   | 20/06/2019               | Lists-creation  | T3 | 35-60  |
| 9             | 10  | 21/06/2019               | Lists-Operations                                      | T3 | 91-99  |
| 10            | 11  | 25/06/2019               | Matrices creation                                     | T3 | 59-62  |
| 11            | 12  | 26/06/2019               | Matrices operations, Arrays                           | T3 | 63-70  |
| 12            | 13  | 27/06/2019               | Arrays operations                                     | T3 | 71-82  |
| 13            | 14  | 27/06/2019               | Factors   | T3 | 122-137  |
| 14            | 15  | 28/06/2019               | Data Frames   | T3 | 101-115  |
| 15            | 16  | 02/07/2019               | Classes and its types                                 | T3 | 15, 201-226<br><a href="https://www.datacamp.com/blog/first-programming-object-class-introduction/">https://www.datacamp.com/blog/first-programming-object-class-introduction/</a> |
| 16            | 17  | 03/07/2019               | Classes and its types- Execution, examples + Tutorial | T3 | 201-226  |
| <b>UNIT-2</b> |     |                          |   |    |  |
| 17            | 18  | 04/07/2019               | R Programming Structures, Control Statements          | T3 | 139  |
| 18            | 19  | 04/07/2019               | Loops, - Looping Over Nonvector Sets                  | T3 | 140-142  |
| 19            | 20  | 05/07/2019               | If-Else, Arithmetic and Boolean Operators and values  | T3 | 145  |
| 20            | 21  | 09/07/2019               | Default Values for Argument, Return Values            | T3 | 146  |

LECTURE SCHEDULE

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|               |       |                          |   |    |         |
|---------------|-------|--------------------------|---|----|---------|
| 21            | 22    | 10/07/2019               | Deciding Whether to explicitly call return                | T3 | 148     |
| 22            | 23    | 11/07/2019               | Returning Complex Objects                                 | T3 | 148     |
| 23            | 24    | 11/07/2019               | Functions are Objective, No Pointers in R                 | T3 | 149,159 |
| 24            | 25    | 12/07/2019               | Recursion   | T3 | 176     |
| 25            | 26    | 16/07/2019               | A Quick sort Implementation                               | T3 | 176     |
| 26            | 27    | 17/07/2019               | A Binary Search Tree- operations explanation              | T3 | 177     |
| 27            | 28,29 | 18/07/2019<br>18/07/2019 | Example: A Binary Search Tree- operations in R = Tutorial | T3 | 178     |
| <b>UNIT-3</b> |       |                          |   |    |         |
| 28            | 30    | 19/07/2019               | Doing Math and Simulation in R, Math Function,            | T3 | 189     |
| 29            | 31    | 23/07/2019               | Extended Example Calculating Probability                  | T3 | 190     |
| 30            | 32    | 24/07/2019               | Cumulative Sums and Products-Minima and Maxima- Calculus  | T3 | 191-192 |
| 31            | 33    | 25/07/2019               | Functions Fir Statistical Distribution                    | T3 | 193     |
| 32            | 34    | 25/07/2019               | Sorting, Linear Algebra Operation on Vectors and Matrices | T3 | 194-197 |
| 33            | 35    | 26/07/2019               | Extended Example: Vector cross Product,                   | T3 | 198     |



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|               |       |                          |  |    |   |
|---------------|-------|--------------------------|--|----|---|
| 34            | 36    | 30/07/2019               | Extended Example: Finding Stationary Distribution of Markov Chains | T3 | 199   |
| 35            | 37    | 31/07/2019               | Set Operation, Input /output, Accessing the Keyboard and Monitor,  | T3 | 202   |
| 36            | 38    | 01/08/2019               | Reading and writer Files + Tutorial                                | T3 | 231-245   |
| <b>UNIT-4</b> |       |                          |  |    |   |
| 37            | 39    | 01/08/2019               | Graphics, Creating Graphs  | T3 | 261   |
| 38            | 40,41 | 02/08/2019<br>13/08/2019 | The Workhorse of R Base Graphics, the plot() Function              | T3 | 262-272   |
| 39            | 42,43 | 14/08/2019<br>16/08/2019 | Customizing Graphs   | T3 | 272-279   |
| 40            | 44    | 20/08/2019               | Saving Graphs to Files + Tutorial                                  | T3 | 280-281   |
| <b>UNIT-5</b> |       |                          |  |    |   |
| 41            | 45    | 21/08/2019               | Probability Distributions  | T2 | 171   |
| 42            | 46    | 22/08/2019               | Normal Distribution  | T2 | 171-175   |
| 43            | 47    | 22/08/2019               | Problems on ND   | T2 | <a href="https://www.r-bloggers.com/normal-distribution-functions/">https://www.r-bloggers.com/normal-distribution-functions/</a>   |
| 44            | 48    | 27/08/2019               | Binomial Distribution  | T2 | 176-181   |
| 45            | 49    | 28/08/2019               | Problems on BD   | T2 | <a href="https://www.r-tutor.com/elementary-statistics/probability-distributions/binomial-distribution">https://www.r-tutor.com/elementary-statistics/probability-distributions/binomial-distribution</a> |
| 46            | 50    | 29/08/2019               | Poisson Distributions  | T2 | 182-184   |

LECTURE SCHEDULE

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|               |    |            |  |    |   |
|---------------|----|------------|--|----|---|
| 47            | 51 | 29/08/2019 | Problems on PD                         | T2 | <a href="http://www.r-tutor.com/elementary-statistics/probability-distributions/poisson-distribution">http://www.r-tutor.com/elementary-statistics/probability-distributions/poisson-distribution</a>                                       |
| 48            | 52 | 30/08/2019 | Other Distribution                     | T2 | 183-186   |
| 49            | 53 | 01/09/2019 | Continuous Uniform Distribution        | T2 | <a href="http://www.r-tutor.com/elementary-statistics/probability-distributions/continuous-uniform-distribution">http://www.r-tutor.com/elementary-statistics/probability-distributions/continuous-uniform-distribution</a>                 |
| 50            | 54 | 04/09/2019 | Problems on other distributions        | T2 | <a href="http://www.r-tutor.com/elementary-statistics/probability-distributions/exponential-distribution">http://www.r-tutor.com/elementary-statistics/probability-distributions/exponential-distribution</a>                               |
| 51            | 55 | 05/09/2019 | Basic Statistics                       | T2 | 187-190   |
| 52            | 56 | 05/09/2019 | Correlation and Covariance             | T2 | 191-199, <a href="http://sci.columbia.edu/ci/preshta_test/e0331/s2s7_5.html">http://sci.columbia.edu/ci/preshta_test/e0331/s2s7_5.html</a>  |
| 53            | 57 | 06/09/2019 | Problems on Correlation and Covariance | T2 | <a href="https://www.differencebetween.com/difference-between-covariance-and-correlation.html#ixzz4NtVPe59">https://www.differencebetween.com/difference-between-covariance-and-correlation.html#ixzz4NtVPe59</a>                           |
| 54            | 58 | 11/09/2019 | T-Tests                                | T2 | 208-206   |
| 55            | 59 | 12/09/2019 | Hypothesis Testing                     | T2 | <a href="http://sphweb.bumc.bu.edu/cph/MPH-Modules/BS/BS724_HypothesisTesting-ANOVA/BS704_HypothesisTesting-Anova4.html">http://sphweb.bumc.bu.edu/cph/MPH-Modules/BS/BS724_HypothesisTesting-ANOVA/BS704_HypothesisTesting-Anova4.html</a> |
| 56            | 60 | 12/09/2019 | T-Test types ,execution in R           | T2 | <a href="http://www.sthda.com/english/wiki/unpaired-two-sample-t-test-in-r">http://www.sthda.com/english/wiki/unpaired-two-sample-t-test-in-r</a>   |
| 57            | 61 | 13/09/2019 | ANOVA                                  | T2 | 207-210   |
| 58            | 62 | 17/09/2019 | ANOVA types + Tutorial                 | T2 | <a href="http://sphweb.bumc.bu.edu/cph/MPH-Modules/BS/BS704_HypothesisTesting-ANOVA/BS704_HypothesisTesting-Anova2.html">http://sphweb.bumc.bu.edu/cph/MPH-Modules/BS/BS704_HypothesisTesting-ANOVA/BS704_HypothesisTesting-Anova2.html</a> |
| <b>UNIT-6</b> |    |            |  |    |   |
| 59            | 63 | 18/09/2019 | Linear Models                          | T2 | 211-215   |
| 60            | 64 | 19/09/2019 | Simple Linear Regression               | T2 | <a href="https://www.edvancer.in/step-step-guide-to-execute-linear-regression-r/">https://www.edvancer.in/step-step-guide-to-execute-linear-regression-r/</a>   |



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|    |    |            |                                    |    |   |
|----|----|------------|------------------------------------|----|---|
| 61 | 65 | 19/09/2019 | Multiple Regression                | T2 | 216-233   |
| 62 | 66 | 20/09/2019 | Problems on multiple Regression    | T2 | <a href="http://www.sthda.com/english/articles/40-regression-analysis/168-multiple-linear-regression-in-r/">http://www.sthda.com/english/articles/40-regression-analysis/168-multiple-linear-regression-in-r/</a>   |
| 63 | 67 | 24/09/2019 | Generalized Linear Models          | T2 | <a href="http://www.sthda.com/english/articles/40-regression-analysis/162-nonlinear-regression-essentials-in-r-polynomial-and-ordinal-regression-models">http://www.sthda.com/english/articles/40-regression-analysis/162-nonlinear-regression-essentials-in-r-polynomial-and-ordinal-regression-models</a> |
| 64 | 68 | 25/09/2019 | Logistic Regression,               | T2 | 235-236   |
| 65 | 69 | 26/09/2019 | Poisson Regression                 | T2 | 237-239   |
| 66 | 70 | 26/09/2019 | Problems on Regression             | T2 | <a href="https://econ.statmethods.net/notes/regression.html">https://econ.statmethods.net/notes/regression.html</a>   |
| 67 | 71 | 27/09/2019 | Other Generalized Linear Models-   | T2 | 240   |
| 68 | 72 | 01/10/2019 | Survival Analysis                  | T2 | 241-245   |
| 69 | 73 | 03/10/2019 | Nonlinear Models                   | T2 | 297-299   |
| 70 | 74 | 03/10/2019 | Splines- Types                     | T2 | 300-303   |
| 71 | 75 | 04/10/2019 | Decision Random Forests + Tutorial | T2 | 310-312   |

**Text Books:**

- T3: The Art of R Programming, Norman Matloff, No Starch Press.  
 T2: R for Everyone, Jared P. Lander, Pearson

**Reference Books:**

- R Cookbook, Paul Teener, O'Reilly.
- R in Action, Rob Kabacoff, Manning







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

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 19.03.2019

**INTERNAL NOTE**

It is to bring to the notice of all ECE Department faculty that at least two internal exams are to be conducted in each laboratory subject i.e., internal exam -1 is to be conducted before mid exam-1 and internal exam-2 is to be conducted before mid exam-2 according to JNTUK regulations.

The faculty handling the subjects and the laboratory courses are here by requested to submit the details of status of syllabus coverage, status of conducting lab internal exam-2 and number of experiments conducted to class teachers as per the given pro forma.

To

The faculty handling subjects and Laboratory subjects.

HOD-ECE.

HEAD  
DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
G.V.P. COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM (AP)



Gayatri Vidya Parishad College of Engineering for Women  
Madhurawada, Visakhapatnam  
(Affiliated to JNTUK, Approved by AICTE, New Delhi)  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

From:

Date: 21.03.2019

Head Of Department,

Department of E.C.E,

G.V.P.College of Engineering for Women,  
Visakhapatnam.

To

The Academic Committee,

G.V.P.College of Engineering for Women,  
Visakhapatnam.

Sub: Status of syllabus coverage and laboratory experiments-reg.,

Respected Sir,

I am here with submitting the status of syllabus coverage, laboratory experiments and lab internal exam-2 for the II Semester, 2018 – 2019.

Thanking you sir,

Yours faithfully,

HOD-ECE

HEAD  
DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
G.V.P. COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM-530 015



Gayatri Vidya Parishad College of Engineering for Women  
Madhurawada :: Visakhapatnam - 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 23.03.2019

THEORY SYLLABUS COVERAGE up to 23-03-19

II Year II Semester

18-19

ECE - 1

| S.No | Subject                         | Name of the Staff Member | No. of Units Covered | Signature |
|------|---------------------------------|--------------------------|----------------------|-----------|
| 1    | Electronic Circuit Analysis     | S. Ramanjanaya Reddy     | 5 1/2                | H         |
| 2    | Control Systems                 | I. RAMU                  | 6                    | De        |
| 3    | EM Waves and Transmission Lines | R. Senu Kumar            | 5 1/2                | R. Senu   |
| 4    | Analog Communications           | B. Vijayalakshmi         | 6                    | De        |
| 5    | Pulse & Digital Circuits        | D. A. N. Ravi Kumar      | 5 3/4                | De        |
| 6    | Management Science              | K. Valli'sri             | 6                    | Ki        |

ECE - 2

| S.No | Subject                         | Name of the Staff Member | No. of Units Covered | Signature |
|------|---------------------------------|--------------------------|----------------------|-----------|
| 1    | Electronic Circuit Analysis     | DIVYA SATHI B            | 5 1/2                | De        |
| 2    | Control Systems                 | De                       | 5 1/2                | De        |
| 3    | EM Waves and Transmission Lines | R. Senu Kumar            | 5 1/2                | R. Senu   |
| 4    | Analog Communications           | Dr. H. G. G. G.          | 5 1/2                | De        |
| 5    | Pulse & Digital Circuits        | D. A. N. Ravi Kumar      | 5 3/4                | De        |
| 6    | Management Science              | K. Valli'sri             | 6                    | Ki        |

K. S. S.

DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
G V P COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM - 530 048





Gayatri Vidya Parishad College of Engineering for Women  
Madhurawada :: Visakhapatnam - 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

II Year B.Tech II Semester (Theory) SYLLABUS COVERAGE as on 11-01-19

Date: 11-01-19

18-19

ECE - 1

| S.No | Subject                                      | Name of the Staff Member | No. of Units Covered            | Signature   |
|------|--|--------------------------|---------------------------------|-------------|
| 1    | Electronic Circuit Analysis                  | S. Hanumanth Reddy       | 3                               | P-f         |
| 2    | Control Systems                              | Y. RAMU                  | 2.5                             | [Signature] |
| 3    | Electromagnetic Waves and Transmission Lines | R. Sunil Kumar           | 2 1/2                           | R. Sunil    |
| 4    | Analog Communications                        | B. Vijayalakshmi         | 3rd unit (last 10% not covered) | [Signature] |
| 5    | Pulse and Digital Circuits                   | D. V. A. N. Ravi Kumar   | 2 1/2                           | D. Ravi     |
| 6    | Management Science                           | K. Vallisri              | 2 1/2                           | [Signature] |

ECE - 2

| S.No | Subject                                      | Name of the Staff Member | No. of Units Covered | Signature      |
|------|--|--------------------------|----------------------|----------------|
| 1    | Electronic Circuit Analysis                  | Divya Lakshmi B          | 2 1/2                | [Signature]    |
| 2    | Control Systems                              | [Signature]              | 2.75                 | G. [Signature] |
| 3    | Electromagnetic Waves and Transmission Lines | R. Sunil Kumar           | 2 1/2                | R. Sunil       |
| 4    | Analog Communications                        | Dr. K. Hanu              | 2 1/2                | [Signature]    |
| 5    | Pulse and Digital Circuits                   | D. V. A. N. Ravi Kumar   | 2 1/2                | D. Ravi        |
| 6    | Management Science                           | K. Vallisri              | 2 1/2                | [Signature]    |

[Signature]

HEAD  
DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING  
G. V. P. COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA, VISAKHAPATNAM-530 048

minutes of the first class committee meeting for  
B.E. 1-sem (I-I) ECE-11 section  
12/3/2021

The first class committee meeting for  
1-sem (I-1) Electrical & Electronic Engineering  
Section ECE-2 was held on 12/3/2021  
in Language Lab (R-no 120) Hall at 3.30pm  
with the following faculties and students as  
members.

Enclosed Signature copy attached here.

The following points were discussed in the  
meeting.

- ① Students were instructed to be punctual  
for their classes and to maintain the  
proper dress code.
- ② Students were instructed to be attentive  
in the classroom and laboratory classes.
- ③ Students were advised to maintain  
good internal marks in mid-term exams.
- ④ Students were advised to make  
best use of library to sharpen their  
skills.

P. P. [Signature]  
12/3/21  
class teacher



Proforma

**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN**  
 Madhurawada :: Visakhapatnam - 530 048

**MINUTES OF THE CLASS COMMITTEE MEETING FOR B.TECH PROGRAMME:**

Department of BSEH

Academic Year : 2021-22

Meeting No.: 01/02/03

Place of Meeting : English Lab  
(A220)

Date: 12/3/21

Members present: A-120 (10)

| S.No. | Name                   | Position in Class Committee | Signature              |
|-------|------------------------|-----------------------------|------------------------|
| 1.    |                        | Chairman/Chairperson        |                        |
| 2.    |                        | Class Teacher               | <u>Sw</u>              |
| 3.    |                        | Faculty Member              |                        |
| 4.    | <u>P. Hemalatha</u>    | Faculty Member              | <u>Hue</u>             |
| 5.    | <u>Dr. N. Sharmila</u> | Faculty Member              | <u>SP</u>              |
| 6.    | <u>Dr. T. Poornima</u> | Faculty Member              |                        |
| 7.    |                        | Faculty Member              |                        |
| 8.    |                        | Class Representative 1      | <u>S. Praveena</u>     |
| 9.    |                        | Class Representative 2      | <u>P. Shyamala</u>     |
| 10.   |                        | Class Representative 3      | <u>N. Sneethi</u>      |
| 11.   |                        | Student Member              | <u>M. V. K. Rammai</u> |
| 12.   |                        | Student Member              | <u>P. Sneha</u>        |
| 13.   |                        | Convener                    |                        |





## GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE New Delhi, Affiliated to JNTU Kakinada)  
(Accredited by National Board of Accreditation (NBA) for B.Tech CSE, EEE & IT - Valid from 2019-20 to 2021-22)  
Kommadi, Madhurawada, Visakhapatnam - 530 048  
Phone: 91-091-2739144 / 2719124 / 2719125 / 2719127 Email: gvpcew@gmail.com, info@gvpcew.ac.in  
Examnet counselling code: GVPW

For effective content delivery and to enhance the student learning process Gayatri Vidya Prasihad College of Engineering for Women teachers use **ICT enabled tools** are used.



Figure: Television screens in classrooms



Figure: ICT Enabled classrooms





Figure: NPTEL Certificate of Appreciation





Gayatri Vidya Parishad College of Engineering for Women  
Madhurawada :: Visakhapatnam - 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 09.01.2021

Updation Status of Learning Management System

Please fill the following details.

| NAME OF THE FACULTY    | Subject handled   | Soft Copy Of Lecture notes | Assignment-1 | Quiz     | sign     |
|------------------------|-------------------|----------------------------|--------------|----------|----------|
| Dr. K.Srinivasa Rao    | III ECE-1 (DC)    | Unit I, II, III uploaded   | uploaded     | uploaded | KSR      |
| Dr. PMK Prasad         | IV ECE-1 (DIP)    | uploaded 1, 2, 3 units     | uploaded     | uploaded | PMK      |
| Dr. L Ganesh           | III ECE-2 (DC)    | uploaded 1, 2, 3 units     | uploaded     | uploaded | L.Ganesh |
| Mrs. B V S Renuka Devi | IV ECE-2 (DIP)    | uploaded 1, 2, 3 units     | uploaded     | uploaded | BVS      |
| Dr. B Vijayalakshmi    | IV EEE (INST)     | uploaded 1, 2, 3 units     | uploaded     | uploaded | BV       |
| Mr. D.V.A.N Ravi Kumar | II ECE-1&2(RVSP)  | uploaded 1, 2, 3 units     | uploaded     | uploaded | D.V.A.N  |
|                        | IV EEE (LICA)     | uploaded 1, 2, 3 units     | uploaded     |          |          |
| Mrs. Ch.Sirisha        | IV ECE-1&2 (ES)   | uploaded 1, 2, 3           | uploaded     | uploaded | Ch       |
| Ms. M Mani Kumari      | IV ECE-1&2 (SDV)  | uploaded 1, 2, 3 units     | uploaded     | uploaded | Ms       |
| Mr.N.V.Maheswara Rao   | III ECE-1&2(AWP)  | uploaded 1, 2, 3 units     | uploaded     | uploaded | NVR      |
| Mrs. B.Lakshmi         | III ECE-1&2(DICA) | uploaded 1, 2 & 3 units    | uploaded     | uploaded | B.L      |
| Mrs. L.Sarika          | IV ECE-1&2 (RS)   | uploaded 1, 2 & 3 units    | uploaded     | uploaded | L.S      |







Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam - 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

|                             |                   |   |          |                       |     |
|-----------------------------|-------------------|---|----------|-----------------------|-----|
| Mr.R.Sunil Kumar            | II ECE-1&2 (EDC)  | Lecture notes<br>1,2,3 units<br>uploaded    | uploaded | uploaded              | RF  |
| Mr.P.V.K.Chaitanya          | III ECE-1&2(LICA) | uploaded                                    | uploaded | uploaded              | Car |
| Ramanjaneya R<br>Sanivarapu | II ECE-1&2(SS)    | Lecture notes<br>1,2,3<br>units<br>uploaded | uploaded | 2 quizzes<br>uploaded | RF  |
| Mrs. N.Roopavathi           | IV ECE-1&2 (OC)   | Lecture notes<br>1,2,3 units<br>uploaded    | uploaded | uploaded              |     |
| Mrs.G.P.S.Prasanthi         | II ECE-1&2 (STLD) | 1,2,3 lecture<br>notes<br>uploaded          | uploaded | uploaded              |     |
| Mrs. B.Divya Sathi          | III EEE (PDC)     | uploaded                                    | uploaded | uploaded              | RF  |
| Mr.P.V.Dileep<br>Bhumireddi | II EEE (BED)      | Lecture notes<br>1,2,3 uploaded             | uploaded | uploaded              | RF  |
|                             | III EEE (SS)      | Lecture notes<br>1,2,3 uploaded             | uploaded | uploaded              |     |



  
HOD-ECE



Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam – 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 20.02.2021

Status of Learning Management System Updation

Please fill the following details.

| NAME OF THE FACULTY    | Subject handled    | Soft Copy Of Lecture notes | Assignment-2 | Quiz     | sign     |
|------------------------|--------------------|----------------------------|--------------|----------|----------|
| Dr. K.Srinivasa Rao    | III ECE -1 (DC)    | Unit-4,5,6 uploaded        | uploaded     | uploaded | KSR      |
| Dr. PMK Prasad         | IV ECE -1 (DIP)    | Yes                        | uploaded     | uploaded | PMK      |
| Dr. L Ganesh           | III ECE -2 (DC)    | YES                        | Yes          | YES      | L.Ganesh |
| Mrs. B V S Renuka Devi | IV ECE -2 (DIP)    | 4,5,6 units uploaded       | uploaded     | uploaded | B.S.     |
| Dr. B Vijayalakshmi    | IV EEE (INST)      | 4,5,6 units uploaded       | uploaded     | uploaded | B.V.     |
| Mr. D.V.A.N Ravi Kumar | II ECE-1&2 (RVSP)  | 4,5 units uploaded         | uploaded     | uploaded | D.V.     |
|                        | IV EEE (LICA)      | 4,5,6 units uploaded       | uploaded     | uploaded |          |
| Mrs. Ch.Sirisha        | IV ECE -1&2 (ES)   | 4,5,6 units uploaded       | uploaded     | uploaded | Ch.S.    |
| Ms. M Mani Kumari      | IV ECE -1&2 (SDV)  | 4,5,6 units uploaded       | uploaded     | uploaded | M.M.     |
| Mr.N.V.Maheswara Rao   | III ECE 1&2 (AWP)  | 4,5,6 units uploaded       | uploaded     | uploaded | N.V.     |
| Mrs. B.Lakshmi         | III ECE 1&2 (DICA) | 4,5,6 units uploaded       | uploaded     | yes      | B.L.     |
| Mrs. L.Sarika          | IV ECE -1&2 (RS)   | 4,5,6 units uploaded       | uploaded     | yes      | L.S.     |





Gayatri Vidya Parishad College of Engineering for Women

Madhurawada :: Visakhapatnam - 530 048

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

|                          |                     |                      |                |              |     |
|--------------------------|---------------------|----------------------|----------------|--------------|-----|
| Mr.R.Sunil Kumar         | II ECE 1&2 (EDC)    | 4,5 units uploaded   | uploaded       | uploaded     | Psf |
| Mr.P.V.K.Chaitanya       | III ECE 1&2 (LICA)  | uploaded             | uploaded       | uploaded     | car |
| Ramanjaneya R Sanivarapu | II ECE 1&2 (SS)     | 4,5 units uploaded   | uploaded       | uploaded     | f   |
| Mrs. N.Roopavathi        | IV ECE -1&2 (OC)    | 4,5,6 units uploaded | to be uploaded | doc uploaded | b   |
| Mrs.G.P.S.Prasanthi      | II ECE 1 & 2 (STLD) | 4,5 units uploaded   | to be uploaded | uploaded     | b   |
| Mrs. B.DivyaSathi        | III EEE (PDC)       | 4,5,6 uploaded       | uploaded       | uploaded     | u   |
| Mr.P.V.Dileep Bhumireddi | II EEE (BED)        | 4,5 uploaded         | uploaded       | uploaded     | A   |
|                          | III EEE (SS)        | 4,5,6 uploaded       | uploaded       | uploaded     |     |

Coordinator

HOD-ECE



**QUOTATION ANNUAL MAINTENANCE CONTRACT (A.M.C)**  
**PERIOD : 01-4-2021 to 31-3-2022**

DATE: 16-03-2021

Ref: ESS/ GVPCEW/AMC/ 21-22/01

**THE PRINCIPAL,  
GVP COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA  
VISAKHAPATNAM**

Dear Sir,

Sub: Annual Maintenance for ECE laboratories.

We would like to offer annual maintenance for the academic year 2021-2022 on contract and assuring you of our best service at all times.

We shall provide the following services to keep the equipment in good working condition.

- Minor faults immediately with telephonic support.
- Major faults which require visit to branch within 48 hrs.
- Replacement of defective parts(cost of spare parts should be borne by college).
- In the event of non-availability of the spare parts, equivalent or higher configuration components will be substituted by extra payments

The contract shall be provided at the cost of RS. 6000/- inclusive of repairs. Replacement of spares is excluded in the AMC and the cost of the spares should be borne by college.

- AMC will normally be offered 9:00 am to 5:00pm all week working days
- AMC not liable meet under such as act of God, fire, storm, Earth quakes, fire and lockdowns, industrial disputes, civil commotion Riots, and Lighting etc.
- Payment : As per terms conditions after approval.



For ELECTRONICS SYSTEMS AND SERVICES



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

(Approved by AICTE, New Delhi And Affiliated to J.N.T.U, Kakinada)

MADHURAWADA, VISAKHAPATNAM - 530 048.

Office : 0891 - 2739144, Tele Fax : 0891 - 2526639, e-mail : gvpcew@gmail.com

Date:19-03-2021

To

Electronics Systems & Services

#91012,Deenadayal Puram,

Beside Durga Temple,

Near MudasarlovaPark

Visakhapatnam 530040.

Sir,

**Sub: Annual maintainance for ECE laboratory**

**Ref:ESS/ GVPCEW/AMC/ 21-22/01 dated 16-03-2021**

With reference to your quotation cited above, AMC contract is here by awarded to you for the period of 01-4-2021 to 31-3-2022 at the cost of RS. 6000/- inclusive of repairs. Replacement of spare is excluded in the AMC and the cost of the spares will be borne by college.

**PRINCIPAL**

Principal

G.V.P College of Engineering for Women

Madhurawada

Visakhapatnam-530048

## **TERMS AND CONDITIONS**

- visit the college within 48 hrs after request call
- 100% payment against satisfactory service

**FOR SPARES/REPAIRS AS A PART OF ANNUAL MAINTENANCE CONTRACT (A.M.C)**  
**PERIOD : 01-4-2021- 31-3-2022**

DATE: 11-03-2022

Ref: ESS/ GVPCEW/AMC/ 21-22/01

**THE PRINCIPAL,  
GVP COLLEGE OF ENGINEERING FOR WOMEN  
MADHURAWADA  
VISAKHAPATNAM****LAB EQUIPMENTS**

| S.No                     | Description Of The Item        | Repairs carried out in numbers | Cost of spares   |
|--------------------------|--------------------------------|--------------------------------|------------------|
| 1.                       | Oscilloscope -scientech        | 06                             | 2700             |
| 2.                       | Function Generators –Scientech | 07                             | 3000             |
| 3.                       | Regulated RPS –Scientech       | 04                             | 1700             |
| 4.                       | Data formatting 2157 Trainer   | 01                             | 600              |
| 5.                       | Adapter                        | 02                             | 400              |
| 6.                       | Klystron power supply-Nvis     | 01                             | 800              |
|                          | Total                          |                                | 9200             |
| 7.                       | AMC Charges                    |                                | 6000             |
| <b>TOTAL</b>             |                                |                                | <b>15,200.00</b> |
| <b>GST@18% ON SPARES</b> |                                |                                | <b>1656.00</b>   |
| <b>GST@18% ON AMC</b>    |                                |                                | <b>1080.00</b>   |
| <b>GRAND TOTAL</b>       |                                |                                | <b>17,936.00</b> |

- All the equipment that needed service was carried out



For ELECTRONICS SYSTEMS AND SERVICES





# GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U, Kakinada)

MADHURAWADA, VISAKHAPATNAM - 530 048 A.P INDIA

☎ 0891 - 2739144 📠 0891 - 2525639 📧 gvpcew@gmail.com 🌐 www.gvpcew.ac.in

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



Date: 20/01/2021

To  
Dr. RAVI SARIPALLI  
Director for Innovation & Incubation  
GVP College of Engineering (A)  
VISAKHAPATNAM

Respected Sir

Gayatri Vidya Parishad College of Engineering for Women is conducting an orientation programme for engineering aspirants. The **orientation programme** is aimed at motivating them towards GVP Institutions and Engineering courses of their choice.

We are aware of your vast expertise in motivating young engineering aspirants and students of Andhra Pradesh. We feel it a honour to invite you to deliver two lectures on 20/01/2021 & 21/01/2021 each of two hours (9.30 am – 11.00 am) duration.

We sincerely thank you for your support.

Thanking you

Yours faithfully

PRINCIPAL

PRINCIPAL

G.V.P. College of Engineering for Women  
VISAKHAPATNAM - 48



## GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U, Kakinada)

MADHURAWADA, VISAKHAPATNAM - 530 048 A.P INDIA

☎ 0891 - 2739144 📠 0891 - 2526639 📧 gvpcew@gmail.com 🌐 www.gvpcew.ac.in



Date: 22/01/2021

To  
Dr.G.Sitarama Brahmam  
Sr. Data Scientist  
TCS Hyderabad

Respected Sir

Gayatri Vidya Parishad College of Engineering for Women is conducting an orientation programme for engineering aspirants. The objective of the **orientation programme** is to demystify what is expected of students in engineering level and to provide adequate foundation in the core applied science subjects.

The GVP College of Engineering for Women (Established in 2008) is a self-financed institution equipped with well furnished laboratories, well qualified faculty and infrastructure. The college is recognized by AICTE and is affiliated to Jawaharlal Nehru Technological University Kakinada (JNTU-K). The three departments of CSE, IT and ECE are accredited by NBA from 2019 through 2022. The college has been conducting Industry oriented lectures for the benefit of the faculty and students. The college is run by **Gayatri Vidya Parishad**, a society known for its values in education. The institutions run by the society have a long term relationship with TCS and this relationship has benefitted the students immensely.

Aware of your vast experience in the areas of Artificial Intelligence and Data Science, we feel it an honour to request you to deliver the special lecture on "**Mathematics in Engineering**". The lecture will be on 23/01/2021 of Two hours (9.30 am – 11.30 am) duration. You have been associated with the college since its inception in 2008 and have played a key role in helping us in the conduct of Seminars and Conferences for both students and faculty. We sincerely thank you for your guidance and support and request you to continue to guide us.

Thanking you.

*With regards,*

Yours faithfully

(Dr. K.V.S.RAO)  
Principal

**PRINCIPAL**  
G.V.P. College of Engineering for Women  
VISAKHAPATNAM - 48





## GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U., Kakinada)

MADHURAWADA, VISAKHAPATNAM - 530 048 A.P INDIA

☎ 0891 - 2739144 📠 0891 - 2526639 📧 gvpcew@gmail.com 🌐 www.gvpcew.ac.in



Date: 23/01/2021

To  
Prof. D. VARADA RAJU  
Department of Mechanical Engineering  
GVP College of Engineering (A)  
VISAKHAPATNAM

Respected Sir

Gayatri Vidya Parishad College of Engineering for Women is conducting an orientation programme for engineering aspirants. The **orientation programme** is aimed at motivating them to learn the Role of an engineer in the society, creation of new knowledge base, and utilization of that knowledge to boost the prosperity of human lives, and to solve the various societal issues.

We are aware of your vast expertise in motivating young engineering aspirants and students of Andhra Pradesh. We feel it honour to invite you to deliver lecture on 25/01/2021 of two hours (9.30 am – 11.30 am) duration.

We sincerely thank you for your support.

Thanking you

Yours faithfully

PRINCIPAL

PRINCIPAL

G.V.P. College of Engineering for Women  
VISAKHAPATNAM - A.P.