

**GAYATRI COLLEGE OF SCIENCE & MANAGEMENT(PG)**  
(Affiliated to Dr. B. R. Ambedkar University)  
Accredited by NAAC & ISO  
Under the Management of Gurajada Educational Society  
Munasabpetta, Srikakulam-532401

**Report of Certificate / Add on Course**  
**2019 – 2020**

|                                         |                                                                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Certificate / Add on Course | Hydro Power Energy Systems                                                                                                         |
| Name of Resource Person                 | Sri. Ch. Satyanarayana<br>Lecturer<br>Department of Physics<br>Gayatri College of Science & Management<br>Munasabpetta, Srikakulam |
| Duration of Activity                    | 24/07/2019 To 07/08/2019                                                                                                           |
| Class                                   | II M.Sc. (Physics)                                                                                                                 |
| Contact Hours/Schedule                  | 20 Hrs.                                                                                                                            |

**Aim/Objective:**

- Introduction of Hydro Power Energy
- Working Process
- Hydro Power Plants in India
- Elements of Hydro Electric Power Plant
- Classification
- Types of Turbines

**Learning Outcomes:**

|              |     |                                                                                                                                                                                                                                                                  |
|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lower Order  | 30% | <ul style="list-style-type: none"> <li>• Understand the basics of Hydro Power Energy.</li> <li>• Understand the importance Hydro Power Energy.</li> </ul>                                                                                                        |
| Higher Order | 70% | <ul style="list-style-type: none"> <li>• Understand the different Elements of Hydro Power Energy Systems and Technologies, Types of Turbines.</li> <li>• Understand and study characteristics and cost of basic models of Hydro Power Energy Systems.</li> </ul> |

**Course Content/Curriculum**

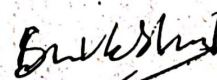
- Introduction of Hydro Power Energy
- Working Process
- Hydro Power Plants in India
- Elements of Hydro Electric Power Plant
- Classification
- Types of Turbines
- Advantages and Disadvantages

**Assessment Procedure**

- MCQ Base Examination: 75%
- Viva Voice: 25%

  
H.O.D.

Department of Physics

  
PRINCIPAL

Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532401



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Munasabpeta, SRIKAKULAM - 532 401

EVENT : CERTIFICATE COURSE

DATE: 24-7-2019

TIME: 3.00 TO 4.00 PM

## ATTENDANCE SHEET

| S.No | NAME OF THE STUDENT  | SECTION      | SIGNATURE OF THE STUDENT |
|------|----------------------|--------------|--------------------------|
| 1    | Gunupuru Mahesh      | II Msc(phy)  | G. Mahesh                |
| 2    | Kshatri Balasree     | II Msc(phy)  | K. Balasree              |
| 3    | Donnada Anusha       | II M-sc(phy) | P. Anusha                |
| 4    | Simma Ramya          | II M-sc(phy) | Ramya                    |
| 5    | Tandra Neelima       | II M-sc(phy) | Neelima                  |
| 6    | Tangi Sravanth       | II M-sc(phy) | T. Sravanth              |
| 7    | Tulagapu Saideekshit | II M-sc(phy) | T. Saideekshit           |
| 8    | Vidyasagar Vurajana  | II M-sc(phy) | V. Vurajana              |
| 9    |                      |              |                          |
| 10   |                      |              |                          |
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**II M.Sc (Physics) Student Attendance for Certificate Course in Hydro Power Energy Systems**

**Academic Year 2019-2020**

| Sl.No. | H.T.NO.    | Name of the Student | 24/7 | 25/7 | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 | 01/8 | 02/8 | 03/8 | 04/8 | 05/8 | 06/8 | 07/8 |  |
|--------|------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 1      | 1854503001 | GUNUPURU MAHESH     | X    | X    | X    | A    | X    | X    | A    | X    | X    | X    | A    | X    | X    | X    | X    |  |
| 2      | 1854503002 | KSHATRI BALASREE    | X    | X    | A    | X    | A    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    |  |
| 3      | 1854503003 | PONNADA ANUSHA      | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    |  |
| 4      | 1854503004 | SIMMA RAMYA         | X    | A    | X    | X    | X    | A    | X    | X    | X    | X    | A    | A    | X    | A    | X    |  |
| 5      | 1854503005 | TANDRA NEELIMA      | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    |  |
| 6      | 1854503006 | TANGI SRAVANTHI     | X    | A    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | A    |  |
| 7      | 1854503007 | TULAGAPU SAIDEESHIT | X    | X    | X    | X    | A    | X    | X    | X    | A    | X    | A    | X    | X    | X    | X    |  |
| 8      | 1854503008 | VIDYASAGAR VURAJANA | X    | A    | X    | X    | X    | X    | X    | X    | A    | X    | X    | A    | X    | X    | X    |  |

  
Lecturer Incharge







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This is to certify that Mr/Miss Simma Ranya  
II M.Sc (Physics) has successfully Completed online certificate course in  
**HYDRO POWER ENERGY SYSTEMS** conducted by Department of Physics  
for 15 days (24.07.2019 to 07.08.2019).



Department of Physics

IQAC  
Coordinator

PRINCIPAL

Gayatri College of Science & Management  
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Date: 10-07-2019

**PROGRAM REPORT**

**Name of the Program:** Certificate course on Vector Spaces

**Date:** 10-07-2019

**Name of the Resource Person:** Smt B. Aruna

**Phone Number :** 9160762085

**Email ID:** amabatiaruna26@gmail.com

**Program Objectives:**

1. Able to identify whether a class of objects is a vector spaces or not.
2. Able to derive the properties of vectors in vector space.
3. Find the Basis and Dimension of a Finite Dimensional Vector spaces.
4. Able to verify the vectors set is whether linearly independent or dependent.

**Topics Covered:**

1. Definition of Vector spaces and its Properties.
2. Vector addition and Scalar Multiplications.
3. Linear Independence and Linear Dependence of vectors.
4. Finite Dimensional Vector spaces.
5. Basis and Dimension of Vector spaces.

**Outcomes:**

1. Understand vector spaces both algebraically and graphically.
2. Understand Bases, Linear Independence and Linear span.
3. Enable to connect the ideas of basis and solution to system of equations.
4. Enable to connect ideas about row and column spaces of a matrix with bases.

**Number of participants:** 60

**Name of the Co-ordinator:** Smt P. Revathi





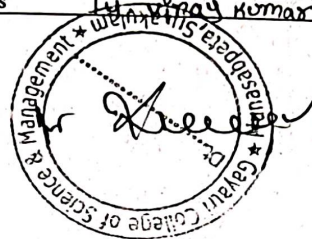
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DATE: 25-07-2019

**CERTIFICATE COURSE ON VECTOR SPACES (2019-2020)**

| S.NO. | NAME OF THE STUDENT                 | GROUP   | SIGNATURE                  |
|-------|-------------------------------------|---------|----------------------------|
| 1.    | ADIVARAPU SAI LOKESH                | II MECs | A. Sai Lokesh              |
| 2.    | AMPOLU SRI VIDHYA                   | II MECs | A. Sri Vidhya              |
| 3.    | ANDHAVARAPU NAGALAKSHMI             | II MECs | A. Nagalakshmi             |
| 4.    | ANNPU SRINIVAS                      | II MECs | A. Srinivas                |
| 5.    | ARAVILLI LAKSHMI SYAMALA            | II MECs | A. Lakshmi Syamala         |
| 6.    | BALAGA DILEEP KUMAR                 | II MECs | B. Dileep Kumar            |
| 7.    | BALLEDA AMISHA                      | II MECs | B. Amisha                  |
| 8.    | BALLEDA SRAVANI                     | II MECs | B. Sravani                 |
| 9.    | BAMMIDI KAVYA                       | II MECs | B. Kavya                   |
| 10.   | BANGARU PREM SAI                    | II MECs | B. Prem Sai                |
| 11.   | BANKUPALLI PRATHYUSHA               | II MECs | B. Prathyusha              |
| 12.   | BENNADA RAJESH                      | II MECs | B. Rajesh                  |
| 13.   | BUDUMURU DEEPAK                     | II MECs | B. Deepak                  |
| 14.   | BUKKAPATNAM LAKSHMI JABILI          | II MECs | B. Lakshmi Jabili          |
| 15.   | CHALLA JAGADHEESH                   | II MECs | C. Jagadheesh              |
| 16.   | CHEEPURU BALA BHASKARA RAO          | II MECs | C. Bala Bhaskara Rao       |
| 17.   | DABBIRU MOUNIKA                     | II MECs | D. Mounika                 |
| 18.   | DAMARASINGU DIVAKAR                 | II MECs | D. Divakar                 |
| 19.   | DATTA THREVIKRAM                    | II MECs | D. Threvikram              |
| 20.   | DUNNA SIREESHA                      | II MECs | D. Sireesha                |
| 21.   | GAYA INDRANI                        | II MECs | G. Indrani                 |
| 22.   | GONTI KALYANI                       | II MECs | G. Kalyani                 |
| 23.   | GOPINAMBALA SATYA VENKATA VAISHNAVI | II MECs | G. Satya Venkata Vaishnavi |
| 25.   | GUNDA VISESWARA RAO                 | II MECs | G. Visweswara Rao          |
| 26.   | GURUGUBELLI AVINASH                 | II MECs | G. Avinash                 |
| 27.   | JAMI SAI KIRAN                      | II MECs | J. Sai Kiran               |
| 28.   | JEGURUPATI SUDHARSHAN               | II MECs | J. Sudharshan              |
| 29.   | KASPA MADHURI                       | II MECs | K. Madhuri                 |
| 30.   | KORADA PRASANTH KUMAR               | II MECs | K. Prasanth Kumar          |
| 31.   | KOTTAPALLI SIREESHA                 | II MECs | K. Sireesha                |
| 32.   | MADDI SAI TEJA                      | II MECs | M. Sai Teja                |
| 33.   | MAJJI LALITHA REDDY                 | II MECs | M. Lalitha Reddy           |
| 34.   | MUDDADA SURESH                      | II MECs | M. Suresh                  |
| 35.   | NADIPILLI SAI CHANDRA               | II MECs | N. Sai Chandra             |
| 36.   | NAKKA MADHURI                       | II MECs | N. Madhuri                 |
| 37.   | NAKKA RAM KIRAN                     | II MECs | N. Ram Kiran               |
| 38.   | PAKALA VIJAYA BHASKAR               | II MECs | P. Vijaya Bhaskar          |
| 39.   | PANDA PRIYANKA                      | II MECs | P. Priyanka                |
| 40.   | PANDA RAMPRASAD                     | II MECs | P. Ramprasad               |
| 41.   | PIRIYA RAMU                         | II MECs | P. Ramu                    |
| 42.   | POTNURU DURGA PRASAD                | II MECs | P. Durga Prasad            |
| 43.   | RAJAMAHANATHI SAI SOWMYA            | II MECs | R. Sai Sowmya              |
| 44.   | RANDI POORNIMA                      | II MECs | R. Poornima                |
| 45.   | RAVADA PRIYANKA                     | II MECs | R. Priyanka                |
| 46.   | ROUTHU DEVI                         | II MECs | R. Devi                    |
| 47.   | SALINTI JHANSI                      | II MECs | S. Jhansi                  |
| 48.   | SANAPALA BHAVANI PRASAD             | II MECs | S. Bhavani Prasad          |
| 49.   | SAPPATI VINEETH RAO                 | II MECs | S. Vineeth Rao             |
| 50.   | SARVASETTI KAVYA SRI                | II MECs | S. Kavya Sri               |
| 51.   | SASANPURI SAI SRUJAN                | II MECs | S. Sai Srujan              |

|     |                           |         |                    |
|-----|---------------------------|---------|--------------------|
| 52. | SILLA GUNAVARDHAN         | II MECs | S. Gunavardhan     |
| 53. | SILLA SIVA SAI PRASAD     | II MECs | S. Siva Sai Prasad |
| 54. | SRISAILAM SRAVANI         | II MECs | S. Siva Sai Prasad |
| 55. | VOONNA JHANSI             | II MECs | V. Jhansi          |
| 56. | VYSYARAJU ANUSHA          | II MECs | V. Jhansi          |
| 57. | YALLA VAMSI               | II MECs | Y. Vamsi           |
| 58. | YATIRAJULA CAHNDRA SEKHAR | II MECs | Y. Chandra         |
| 59. | YEENI SAIKRISHNA          | II MECs | Y. Sai Krishna     |
| 60. | YENNI VINAY KUMAR         | II MECs | Y. Vinay Kumar     |







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## **STUDENT ATTENDANCE FOR CERTIFICATE PROGRAM ON VECTOR SPACES**

Academic Year : 2019-2020

| S. No. | Reg. No.   | Name of the Student        | 25/7 | 26/7 | 27/7 | 29/7 | 30/7 | 31/7 | 1/8 | 2/8 | 3/8 | 4/8 | 5/8 | 6/8 | 7/8 | 8/8 | 9/8 | Total |
|--------|------------|----------------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 01     | 1801040001 | ADIVARAPU SAI LOKESH       | P    | P    | P    | P    | P    | A    | P   | P   | P   | P   | A   | P   | P   | A   | P   | 12    |
| 02     | 1801040002 | AMPOLU SRI VIDHYA          | P    | P    | A    | P    | P    | P    | A   | P   | P   | A   | P   | P   | A   | P   | P   | 11    |
| 03     | 1801040003 | ANDHAVARAPU NAGALAKSHMI    | P    | P    | P    | P    | A    | P    | P   | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 04     | 1801040005 | ANNEPU SRINIVAS            | P    | P    | P    | P    | P    | A    | P   | A   | P   | A   | P   | P   | P   | P   | P   | 13    |
| 05     | 1801040006 | ARAVILLI LAKSHMI SYAMALA   | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | P   | 15    |
| 06     | 1801040007 | BALAGA DILEEP KUMAR        | P    | P    | P    | P    | A    | P    | P   | P   | P   | P   | A   | P   | P   | P   | P   | 13    |
| 07     | 1801040008 | BALLEDA AMISHA             | P    | P    | A    | P    | P    | P    | A   | P   | P   | P   | P   | A   | P   | P   | A   | 11    |
| 08     | 1801040009 | BALLEDA SRAVANI            | P    | P    | P    | P    | A    | P    | P   | P   | A   | P   | P   | P   | P   | P   | P   | 13    |
| 09     | 1801040010 | BAMMIDI KAVYA              | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | P   | 15    |
| 10     | 1801040011 | BANGARU PREM SAI           | P    | A    | P    | A    | A    | P    | P   | P   | A   | P   | P   | P   | P   | P   | P   | 11    |
| 11     | 1801040012 | BANKUPALLI PRATHYUSHA      | P    | P    | P    | P    | P    | P    | A   | P   | P   | P   | A   | A   | A   | P   | P   | 13    |
| 12     | 1801040014 | BENNADA RAJESH             | P    | P    | P    | A    | P    | P    | P   | P   | P   | P   | A   | P   | P   | P   | A   | 14    |
| 13     | 1801040015 | BUDUMURU DEEPAK            | P    | P    | A    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | P   | 13    |
| 14     | 1801040016 | BUKKAPATNAM LAKSHMI JABILI | P    | P    | P    | A    | P    | P    | A   | P   | P   | P   | P   | P   | P   | P   | P   | 12    |
| 15     | 1801040017 | CHALLA JAGADHEESH          | P    | A    | P    | P    | P    | P    | P   | P   | P   | A   | P   | P   | P   | A   | P   | 13    |
| 16     | 1801040018 | CHEEPURU BALA BHASKARA RAO | P    | P    | P    | P    | P    | P    | A   | A   | P   | P   | P   | P   | P   | P   | P   | 15    |
| 17     | 1801040019 | DABBIRU MOUNIKA            | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | P   | 12    |
| 18     | 1801040020 | DAMARASINGU DIVAKAR        | P    | P    | P    | P    | A    | P    | P   | P   | P   | P   | A   | P   | P   | P   | A   | 12    |

|    |            |                                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|------------|----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 19 | 1801040021 | DATTA THREVIKRAM                       | P | P | P | P | A | P | A | P | P | P | P | P | P | P | A | 12 |
| 20 | 1801040022 | DUNNA SIREESHA                         | P | P | A | P | P | P | P | P | A | P | P | P | P | P | P | 14 |
| 21 | 1801040023 | GAYA INDRANI                           | P | P | P | P | A | P | P | P | A | A | P | P | P | P | P | 12 |
| 22 | 1801040024 | GONTI KALYANI                          | P | P | P | A | P | P | P | A | P | P | P | A | P | P | P | 12 |
| 23 | 1801040025 | GOPINAMBALA SATYA VENKATA<br>VAISHNAVI | P | P | P | P | P | A | P | P | P | A | P | P | P | A | P | 12 |
| 24 | 1801040026 | GUNDA VISESWARA RAO                    | P | A | P | P | A | P | P | A | P | P | P | P | A | P | P | 12 |
| 25 | 1801040027 | GURUGUBELLI AVINASH                    | P | P | P | A | P | P | P | P | A | P | P | P | P | P | P | 12 |
| 26 | 1801040028 | JAMI SAI KIRAN                         | P | P | P | P | P | P | P | P | A | P | P | P | P | P | P | 13 |
| 27 | 1801040029 | JEGURUPATI SUDHARSHAN                  | P | P | P | P | P | A | A | A | P | P | P | P | P | P | P | 14 |
| 28 | 1801040031 | KASPA MADHURI                          | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P | 12 |
| 29 | 1801040032 | KORADA PRASANTH KUMAR                  | P | A | P | P | A | P | P | A | P | P | P | P | A | P | P | 13 |
| 30 | 1801040033 | KOTTAPALLI SIREESHA                    | P | P | P | P | A | P | P | A | P | P | P | P | P | A | P | 11 |
| 31 | 1801040034 | MADDI SAI TEJA                         | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P | 14 |
| 32 | 1801040035 | MAJJI LALITHA REDDY                    | P | P | P | A | P | P | P | A | A | P | P | P | P | A | P | 12 |
| 33 | 1801040036 | MUDDADA SURESH                         | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P | 13 |
| 34 | 1801040037 | NADIPILLI SAI CHANDRA                  | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 35 | 1801040038 | NAKKA MADHURI                          | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P | 15 |
| 36 | 1801040039 | NAKKA RAM KIRAN                        | P | A | P | P | P | P | A | P | P | P | P | P | A | P | P | 12 |
| 37 | 1801040040 | PAKALA VIJAYA BHASKAR                  | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P | 13 |
| 38 | 1801040041 | PANDA PRIYANKA                         | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 39 | 1801040042 | PANDA RAMPRASAD                        | P | P | P | P | P | P | P | P | P | P | P | P | A | P | P | 13 |
| 40 | 1801040043 | PIRIYA RAMU                            | P | P | A | P | P | P | P | A | P | P | P | P | P | A | P | 13 |
| 41 | 1801040044 | POTNURU DURGA PRASAD                   | P | P | P | P | A | P | P | P | A | P | P | P | P | P | P | 13 |
| 42 | 1801040045 | RAJAMAHANATHI SAI SOWMYA               | P | A | P | P | P | A | P | P | P | P | P | P | P | A | P | 12 |
| 43 | 1801040046 | RANDI POORNIMA                         | P | P | P | P | A | P | P | P | A | P | P | P | P | A | P | 13 |
| 44 | 1801040047 | RAVADA PRIYANKA                        | P | P | P | P | P | P | P | P | P | P | P | P | P | A | P | 12 |
| 45 | 1801040048 | ROUTHU DEVI                            | P | P | P | P | P | P | A | A | A | P | P | P | P | P | P | 15 |
|    |            |                                        | P | P | P | P | P | P | A | A | A | P | P | P | P | P | P | 12 |



|    |            |                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|------------|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 46 | 1801040049 | SALINTI JHANSI            | P | P | P | P | P | A | P | A | P | P | P | P | P | P | P | 13 |
| 47 | 1801040050 | SANAPALA BHAVANI PRASAD   | P | P | A | P | P | P | P | P | P | P | P | P | P | A | P | 13 |
| 48 | 1801040051 | SAPPATI VINEETH RAO       | P | P | P | P | P | P | P | P | P | P | P | A | P | P | P | 14 |
| 49 | 1801040052 | SARVASETTI KAVYA SRI      | P | P | P | P | A | P | P | A | P | P | P | A | P | P | P | 12 |
| 50 | 1801040053 | SASANPURI SAI SRUJAN      | A | P | P | P | P | P | P | P | P | P | P | P | P | A | A | 12 |
| 51 | 1801040054 | SILLA GUNAVARDHAN         | P | P | P | P | P | A | P | P | P | P | A | P | A | P | P | 12 |
| 52 | 1801040055 | SILLA SIVA SAI PRASAD     | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 53 | 1801040056 | SRISAILAM SRAVANI         | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | 15 |
| 54 | 1801040057 | VOONNA JHANSI             | P | P | P | P | P | P | A | P | P | P | P | P | P | A | P | 13 |
| 55 | 1801040059 | VYSYARAJU ANUSHA          | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 56 | 1801040060 | YALLA VAMSI               | P | P | P | P | P | P | P | P | P | P | P | P | P | A | P | 14 |
| 57 | 1801040061 | YATIRAJULA CAHNDRA SEKHAR | P | A | P | P | P | P | A | P | P | A | P | P | A | P | A | 15 |
| 58 | 1801040062 | YEENI SAIKRISHNA          | P | P | P | P | P | P | P | P | A | P | P | P | P | P | P | 14 |
| 59 | 1801040063 | YENNI VINAY KUMAR         | P | P | P | P | P | P | A | P | A | A | A | P | P | P | P | 11 |





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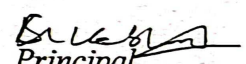
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Munsabpeta, SRIKAKULAM – 532401

### Certificate

This is to certify that Mr / Miss  
.....ADIVARAPU...SAL LAKESH..... II B.Sc., (MECs) has successfully  
completed certificate course in **VECTOR SPACES** conducted by  
**Department of Mathematics** for Fifteen Days (25-07-2019 to 09-07-2019)

  
Co-Coordinator

  
HoD  
Department of Mathematics  


  
Principal  
PRINCIPAL  
Gayatri College of Science & Management  
Munsabpeta-Srikakulam-532 401





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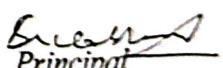
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Munsabpeta, SRIKAKULAM – 532401

### Certificate

This is to certify that Mr / Miss  
.....BALLEDA..AMISHA..... II B.Sc., (MECs) has successfully  
completed certificate course in VECTOR SPACES conducted by  
*Department of Mathematics* for Fifteen Days (25-07-2019 to 09-07-2019)

  
Co-Coordinator

  
HOD  
*Department of Mathematics*

  
Principal  
PRINCIPAL  
Gayatri College of Science & Management  
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Munsabpeta, SRIKAKULAM – 532401

### Certificate

This is to certify that Mr / Miss  
.....JAMIL...SAIKIRAN..... II B.Sc., (MECs) has successfully  
completed certificate course in **VECTOR SPACES** conducted by  
**Department of Mathematics** for Fifteen Days (25-07-2019 to 09-07-2019)

  
Co-Coordinator

  
HoD  
Department of Mathematics  


  
Principal  
PRINCIPAL  
Gayatri College of Science & Management  
Munsabpeta-Srikakulam-532 401



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Report of Certificate / Add on Course  
2019 - 2020

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of the Certificate / Add on Course</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | ENERGY STORAGE DEVICES                                                                                                                                                                                                   |
| <b>Name of Resource Person</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | Sri.P.V. RAMANA MURTY -<br>Lecturer,<br>Department of Physics<br>Gayatri College of Science & Management<br>Munasabpetta, Srikakulam.                                                                                    |
| <b>Duration of Activity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | 25/07/2019 To 08/08/2019                                                                                                                                                                                                 |
| <b>Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | III B.Sc (MPC & MPCs)                                                                                                                                                                                                    |
| <b>Contact Hours/Schedule</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     | 20 Hours                                                                                                                                                                                                                 |
| <b>Aim/Objective:</b> The aims of the course were to introduce Energy Storage Devices as solution to stabilize the uncertainty of Renewable energy systems. To discuss different types of energy storage devices and match them to storage types.                                                                                                                                                                                                                                                                                                             |     |                                                                                                                                                                                                                          |
| <b>Learning Outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |                                                                                                                                                                                                                          |
| <b>Lower Order</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30% | <ul style="list-style-type: none"> <li>Understand the role of Energy Storage Devices</li> <li>Understand the function and types of Energy Storage Devices</li> </ul>                                                     |
| <b>Higher Order</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70% | <ul style="list-style-type: none"> <li>Understand the different types of Storage Systems and match them to Storage devices</li> <li>To Study the characteristics of different types of energy storage devices</li> </ul> |
| <b>Course Content/Curriculum</b> <ul style="list-style-type: none"> <li>Introduction to Energy Storage Devices.</li> <li>Energy Storage Devices as secondary storage for Renewable energy system</li> <li>Role of Energy Storage Devices in achieving uninterrupted power supply</li> <li>Types of Energy Storage Devices</li> <li>Principle, working of different types of energy storage devices</li> <li>Technology mapping of energy storage devices and energy systems.</li> <li>Characteristics of different types of energy storage devices</li> </ul> |     |                                                                                                                                                                                                                          |
| <b>Assessment Procedure</b> <ul style="list-style-type: none"> <li>MCQ Base Examination : 75%</li> <li>Viva Voice: 25%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                                                                                                                                                                                          |
| <br>H.O.D.<br>Department of Physics                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | <br>PRINCIPAL<br>PRINCIPAL<br>Gayatri College of Science & Management<br>Munasabpetta-Srikakulam-532 401                            |



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Munasabpeta, SRIKAKULAM - 532 401

EVENT : CERTIFICATE COURSE

DATE: 25/07/2019

TIME: 10:00 AM to 11:00 AM

## ATTENDANCE SHEET

| S.No | NAME OF THE STUDENT      | SECTION | SIGNATURE OF THE STUDENT |
|------|--------------------------|---------|--------------------------|
| 1    | Adasada Dileep Kumar     | MPC     | A. dileepkumar           |
| 2    | Ganena Vani              | MPC     | G. Vani                  |
| 3    | Gaya Chakravarthy        | MPC     | G. Chakravarthy          |
| 4    | Gopinambala Haripriya    | MPC     | G. Haripriya             |
| 5    | Kalla Rohit Kumar        | MPC     | K. ROHIT KUMAR           |
| 6    | Kavate Kiran             | MPC     | K. Kiran                 |
| 7    | Kinjorapu Adinarayana    | MPC     | K. Adinarayana           |
| 8    | Nabli Naveen             | MPC     | Naveen                   |
| 9    | Paidi NagaBhusana Rao    | MPC     | P. N. Rao                |
| 10   | Pydi Joginaidu           | MPC     | P. J. Naidu              |
| 11   | Puppa Manika             | MPC     | P. Manika                |
| 12   | Sarapu Bhavani           | MPC     | Bhavani                  |
| 13   | Sarathi Sumanth          | MPC     | Sumanth                  |
| 14   | Simma Ganapathi          | MPC     | S. Ganapathi             |
| 15   | Surapu Chandrasekhar Rao | MPC     | Sekhar Rao               |
| 16   | Talada Sai               | MPC     | T. Sai                   |
| 17   | Talavajjala Pndraja      | MPC     | Pndraja                  |
| 18   | Tandiyala Kusuma         | MPC     | Kusuma                   |
| 19   | Tolapudi Manasa          | MPC     | Manasa                   |
| 20   | Yenni Manohar Prasad     | MPC     | Prasad                   |
| 21   | Addanki Dharani          | MPCs    | A. Dharani               |
| 22   | Challa pooja Sri         | MPCs    | Ch. Pooja Sri            |
| 23   | Gonduri Sushma           | MPCs    | G. Sushma                |
| 24   | Kalavala Geaneswara Rao  | MPCs    | K. Geaneswara Rao        |
| 25   | Simma Santosh Kumar      | MPCs    | Santosh Kumar            |
| 26   | Tangudu Divya            | MPCs    | T. Santosh Kumar         |
| 27   | Teki chandra Sekhar      | MPCs    | T. Divya                 |
| 28   | Togarapu Teja            | MPCs    | T. Teja                  |
| 29   | Vysyranaju Dhilhiraju    | MPCs    | V. V. Dhilhiraju         |
| 30   | Yendamudi Sowmya         | MPCs    | Y. Sowmya                |
| 31   |                          |         |                          |
| 32   |                          |         |                          |
| 33   |                          |         |                          |
| 34   |                          |         |                          |
| 35   |                          |         |                          |

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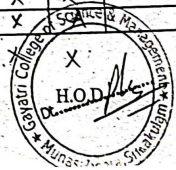
Munasabpetta, SRIKAKULAM - 532 401

## **III B.Sc (MPC& MPCs) Student Attendance for Certificate Course in Energy Storage Devices** **Academic Year 2019-2020**

| Sl.No | H.T.NO.    | Name of the Student       | 25/7 | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 | 01/8 | 02/8 | 03/8 | 04/8 | 05/8 | 06/8 | 07/8 | 08/8 |
|-------|------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1     | 1701041001 | ADASADA DILEEP KUMAR      | X    | X    | X    | A    | A    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    |
| 2     | 1701041062 | GANENA VANI               | X    | X    | A    | X    | X    | X    | X    | X    | A    | A    | X    | X    | X    | X    | X    |
| 3     | 1701041064 | GAYA CHAKRAVARTHY         | X    | A    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    |
| 4     | 1701041078 | GOPINAMBALA HARIPRIYA     | X    | X    | A    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    |
| 5     | 1701041091 | KALLA ROHIT KUMAR         | X    | X    | X    | X    | X    | X    | A    | A    | X    | X    | X    | X    | X    | X    | X    |
| 6     | 1701041098 | KAVATI KIRAN              | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | X    |
| 7     | 1701041100 | KINJARAPU ADINARAYANA     | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | X    |
| 8     | 1701041159 | NAVIRI NAVEEN             | A    | X    | X    | X    | X    | X    | X    | X    | X    | X    | A    | A    | X    | A    | X    |
| 9     | 1701041165 | PAIDI NAGABHUSANA RAO     | X    | A    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | A    | X    | X    |
| 10    | 1701041192 | PYDI JOGINAIDU            | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    |
| 11    | 1701041204 | RUPPA MOUNIKA             | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
| 12    | 1701041212 | SARAPU BHAVANI            | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
| 13    | 1701041214 | SARATHI SUMANTH           | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
| 14    | 1701041219 | SIMMA GANAPATHI           | A    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | A    | X    | A    |
| 15    | 1701041224 | SURAPU CHANDRA SEKHAR RAO | X    | X    | X    | X    | X    | A    | X    | X    | A    | X    | X    | X    | X    | X    | A    |
| 16    | 1701041230 | TALADA SAI                | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | A    | X    |
| 17    | 1701041231 | TALAVALASA INDRAJA        | X    | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    |
| 18    | 1701041234 | TANDYALA KUSUMA           | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    |
| 19    | 1701041242 | TOLAPI MANASA             | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | A    | X    | X    |
| 20    | 1701041266 | YENNI MANOHAR PRASAD      | A    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    |
| 21    | 1701042001 | ADDANKI DHARANI           | A    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | A    | X    | X    | X    |
| 22    | 1701042022 | CHALLA POOJASRI           | X    | X    | A    | X    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    | X    |
| 23    | 1701042042 | GONDU SUSHMA              | X    | A    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | A    | X    |
| 24    | 1701042054 | KALAVALA GANESWARA RAO    | X    | A    | X    | X    | A    | X    | X    | A    | X    | X    | X    | X    | X    | X    | X    |
| 25    | 1701042111 | SIMMA SANTOSH KUMAR       | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | A    | A    | X    | X    |
| 26    | 1701042118 | TANGUDU DIVYA             | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
| 27    | 1701042120 | TEKI CHANDRA SEKHAR       | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    |
| 28    | 1701042121 | TOGARAPU TEJA             | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    | X    |
| 29    | 1701042128 | VYSYARAJU DHILHIRAJU      | X    | X    | A    | X    | X    | X    | X    | X    | X    | A    | X    | X    | X    | X    | X    |
| 30    | 1701042133 | YENDAMUDI SOWMYA          | X    | A    | X    | X    | X    | X    | X    | X    | A    | A    | X    | X    | X    | X    | X    |

Lecturer Incharge

*[Signature]*





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This is to certify that Mr/Miss Piydi Jyoti Kaidu

III B.Sc (MPCs) has successfully Completed online certificate course in  
ENERGY STORAGE DEVICES conducted by Department of Physics  
for 15 days (25.07.2019 to 08.08.2019).



Department of Physics

IQAC

Coordinator

PRINCIPAL

Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532 401





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This is to certify that Mr/Miss Tolaji Manasa  
III B.Sc (MPC) has successfully Completed online certificate course in  
ENERGY STORAGE DEVICES conducted by Department of Physics  
for 15 days (25.07.2019 to 08.08.2019).

  
HOD  
Department of Physics

  
IQAC  
Coordinator

  
PRINCIPAL  
Gayatri College of Science & Management  
Munasabpeta-Srikakulam-532 401



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Munsabpeta, Srikakulam-532401

Munasabpeta,

Date: 09-08-2019

## PROGRAM REPORT

Name of the event: A two week certificate course program on 'Tally'.

Dates: 25-07-2019 to 08-08-2019

Resource persons: Sri. N. Madhu

Lecturer in Department of Commerce and Management Studies,  
Gayatri College of science and management, Munusabpeta.

Email id: mdh.nadiminti@gmail.com

Contact number: 9989105234

Name of the coordinator: Sri. S. Jagadeesh,

Lecturer in Department of Commerce and Management Studies,  
Gayatri College of Science and Management, Munusabpeta.

Number students attended:

Venue: Computer lab

Objectives of the program:

- To impart knowledge regarding concepts of Financial Accounting.
- This course helps students to work with well-known accounting software i.e. Tally ERP.9.
- Create the knowledge about the Tally and its importance.
- To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement, do accrual adjustments, and also print financial statements, etc. in Tally.

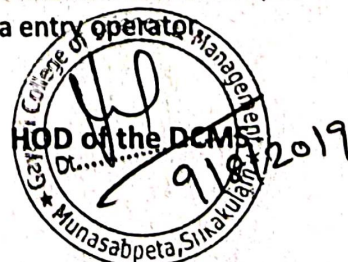
Topics covered:

- Introduction of the Tally and Tally screen.
- Creation of the company.
- Account masters.
- Creation/alteration of multiple ledgers.
- Creation of account vouchers.
- Creation of inventory masters.
- Purchase & sales procedures.
- Account reports.

Outcomes of the program:

- Student by their own can create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, etc.
- Students will possess required skill and can also be employed as Tally data entry operator.

*S. Jagadeesh*  
Program coordinator:







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Munsabpeta, Srikakulam

Academic year-2019-20

| S. No | REG. NO    | NAME OF THE STUDENT            | COURSE | SIGNATURE        |
|-------|------------|--------------------------------|--------|------------------|
| 1     | 1701071001 | ADIDELA EPHRAIM                | BBA    | A. EPHRAIM       |
| 2     | 1701071002 | ANDHAVARAM RUSHYANTH           | II     | A. Rushyanth     |
| 3     | 1701071003 | ANDHAVARAPU GURUNADH           | II     | A. Gurunadh      |
| 4     | 1701071004 | AVVA SWATHI                    | II     | Swathi           |
| 5     | 1701071005 | BADANA KAVYA                   | II     | B. Kavya         |
| 6     | 1701071006 | BADIGINTI SAI TEJA             | II     | B. Sai Teja      |
| 7     | 1701071007 | BANDARI SANTHU                 | II     | Santhu           |
| 8     | 1701071008 | BARATAM AKHILESH               | II     | Akhilesh         |
| 9     | 1701071009 | BARATAM SUPRIYA                | II     | B. Supriya       |
| 10    | 1701071010 | BEHARA DURGA PRASAD            | II     | B. Durgaprasad   |
| 11    | 1701071011 | BENDI YASWANTH SRI SAI SASTHRY | II     | B. YSSasthry     |
| 12    | 1701071012 | BHAGYA SWARNA DEEKSHA KILLARI  | II     | B. Deeksha       |
| 13    | 1701071013 | BORIGI PRATYUSHA               | II     | B. Prathyusha    |
| 14    | 1701071014 | BOYINA KRISHNA SOWMYA          | II     | B. K. Sowmya     |
| 15    | 1701071015 | CHALLA PAVANI                  | II     | Pavani           |
| 16    | 1701071016 | CHINDIRI TEJESWARA RAO         | II     | C. Tejaswara Rao |
| 17    | 1701071017 | CHINNARI ROHITH                | II     | C. Rohith        |
| 18    | 1701071018 | CHINTALA CHIRANJEEVI           | II     | C. Chiranjeevi   |
| 19    | 1701071019 | DHARMANA DEEPIKANAIIDU         | II     | D. Deepikanaidu  |
| 20    | 1701071020 | DUBA BHASKARARAO               | II     | D. Bhaskar Rao   |
| 21    | 1701071021 | DUMPA VENKATA MANI             | II     | D. V. Mani       |
| 22    | 1701071022 | DUWARI JEEVAMANI               | II     | D. Jeevamani     |
| 23    | 1701071023 | EEGALA JASWANTH                | II     | E. Jaswathi      |
| 24    | 1701071024 | G HARITA                       | II     | G. HARITA        |
| 25    | 1701071025 | G UMAVATHI                     | II     | G. Uma Vathi     |
| 26    | 1701071026 | GUDLA SAIRAM                   | II     | G. Sairam        |
| 27    | 1701071027 | GUDLA SAMAIKYA                 | II     | G. Samaiya       |
| 28    | 1701071028 | GUJJALA MOUNIKA                | II     | G. Mounika       |
| 29    | 1701071029 | IK BHARGAVI                    | II     | I. Bhargavi      |
| 30    | 1701071030 | IPPILI SUSHMASRI               | II     | I. Sushmasri     |
| 31    | 1701071031 | JAMI DAMODHAR RAO              | II     | J. Damodhar Rao  |
| 32    | 1701071032 | JAMI HARISH                    | II     | J. HARISH        |
| 33    | 1701071033 | JAMI SAI TEJA                  | II     | J. Sai Teja      |
| 34    | 1701071034 | JUTTU PADMA                    | II     | J. Padma         |



|    |            |                                 |     |                  |
|----|------------|---------------------------------|-----|------------------|
| 35 | 1701071035 | KOLLI MAHESHWAR RAO             | BBA | K. Nagesh Prasad |
| 36 | 1701071037 | KOVVURU SAI SRIYA               | 11  | K. Sai Sriya     |
| 37 | 1701071038 | KUPPILI SAISIRISHA              | 11  | K. Sai Sirisha   |
| 38 | 1701071039 | KUSUMANCHI VAMSI                | 11  | K. Vamsi         |
| 39 | 1701071040 | M DHANLAXMI                     | 11  | M. Dhanalakshmi  |
| 40 | 1701071043 | MITTANA ABHILASH REDDY          | 11  | M. Abhilash      |
| 41 | 1701071044 | MODALAVALASA VIJAYASRI          | 11  | M. Trivani       |
| 42 | 1701071045 | MUNGI TRIVENI                   | 11  | M. Triveni       |
| 43 | 1701071046 | NAKKA SYAM KUMAR                | 11  | N. Syam Kumar    |
| 44 | 1701071047 | NEELAGIRI MEGHAMALA             | 11  | P. Chandini      |
| 45 | 1701071049 | PENTA CHANDINI                  | 11  | P. Chandini      |
| 46 | 1701071050 | PINNINTI GOWTHAM KUMAR          | 11  | P. Gowtham       |
| 47 | 1701071051 | POLUMURU JYOTSNA                | 11  | P. Jyotsna       |
| 48 | 1701071052 | POTNURU RUTHVIK                 | 11  | P. Ruthvik       |
| 49 | 1701071053 | PULI PRASAD                     | 11  | P. Prasad        |
| 50 | 1701071054 | RATNALA SANJANA                 | 11  | R. Sanjaya       |
| 51 | 1701071055 | SAKALABHAKTULA PAVITRA          | 11  | S. Pavitra       |
| 52 | 1701071056 | SANTOSH KUMAR PANDA             | 11  | S. Kumar         |
| 53 | 1701071057 | SATYANNARAYANA NAIDU TAMMINAINA | 11  | S. N. T.         |
| 54 | 1701071059 | SEERAPU UMA                     | 11  | S. Uma           |
| 55 | 1701071060 | SILLA TARAKA RAMARAO            | 11  | Tare Kumar       |
| 56 | 1701071061 | SIMHADRI MURALI KRISHNA         | 11  | S. M. Krishna    |
| 57 | 1701071062 | SUNKANA SAI GEETHIKA            | 11  | S. Sai Geethika  |
| 58 | 1701071063 | T BHAVANA                       | 11  | T. Bhavana       |
| 59 | 1701071064 | TAMADA RAHUL                    | 11  | T. Rahul         |
| 60 | 1701071065 | TUMULA GANESH                   | 11  | T. Ganesh        |
| 61 | 1701071066 | VADDI PAVAN KUMAR               | 11  | V. Pavan         |
| 62 | 1701071068 | VIYYAPU PRAVALLIKA              | 11  | V. Pravallika    |
| 63 | 1701071069 | VYSYARAJU ABHILASH              | 11  | V. Abhilash      |

S. Jagadeesh  
Program coordinator







## GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

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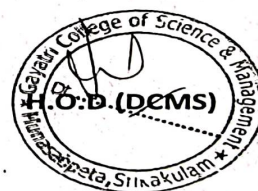
Under the Management of Gurajada Educational Society

Munsabpeta, Srikakulam

Academic year: 2019-20

| S. NO | H.T. NO    | NAME OF THE STUDENT                      | COURSE | SIGNATURE         |
|-------|------------|------------------------------------------|--------|-------------------|
| 1     | 1701061001 | BARATAM KRISHNA VAMSI                    | Bcom   | B. Krishna Vamsi  |
| 2     | 1701061002 | BARATAM SAKETH                           | II     | B. Saketh         |
| 3     | 1701061003 | CHELLURI EESWAR SANTHOSH                 | II     | C. Santosh        |
| 4     | 1701061005 | DESSILLA YAMINI                          | II     | D. Yamini         |
| 5     | 1701061006 | DONKADA NEHA                             | II     | D. NEHA           |
| 6     | 1701061007 | G HIMAJA                                 | II     | G. Himaja         |
| 7     | 1701061008 | K VENKATA NARASIMHARAMAKRISHNA CHAITANYA | II     | K.V.N. Chaitanya  |
| 8     | 1701061009 | KANAPALA SURENDRA KUMAR                  | II     | K. Surendra Kumar |
| 9     | 1701061010 | KANCHU SRAVANTHI                         | II     | K. Sravanthi      |
| 10    | 1701061011 | L VINITA                                 | II     | L. Vinita         |
| 11    | 1701061013 | MARRI RAJU                               | II     | M. Raju           |
| 12    | 1701061014 | P SHIVANI                                | II     | P. SHIVANI        |
| 13    | 1701061015 | PATINA HEMALATHA                         | II     | P. Hemalatha      |
| 14    | 1701061016 | SIMHADRI SHANMUKHA RAO                   | II     | S. Shanmukha Rao  |
| 15    | 1701061017 | TAMMINA LOKESH                           | II     | T. Lokesh         |
| 16    | 1701061018 | TANDASA HARIKA                           | II     | T. Harika         |
| 17    | 1701061019 | THADELA JAYARAM                          | II     | T. Jayaram        |

S. Tagadina  
Program coordinator





# **GAYATRI COLLEGE OF SCIENCE & MANAGEMENT**

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Under the Management of Gurajada Educational Society

Munsabpeta, Srikakulam

Student attendance for Certificate program on Tally

Academic year: 2019-20

| S. NO | REG.NO     | Name of the Student            | 25/9 | 26/9 | 27/9 | 28/9 | 29/9 | 30/9 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | TOTAL |
|-------|------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1     | 1701071001 | ADIDELA EPHRAIM                | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 2     | 1701071002 | ANDHAVARAM RUSHYANTH           | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 3     | 1701071003 | ANDHAVARAPU GURUNADH           | P    | P    | P    | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | 14    |
| 4     | 1701071004 | AVVA SWATHI                    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | 15    |
| 5     | 1701071005 | BADANA KAVYA                   | P    | P    | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | A    | 13    |
| 6     | 1701071006 | BADIGINTI SAI TEJA             | P    | P    | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 7     | 1701071007 | BANDARI SANTHU                 | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | A    | 14    |
| 8     | 1701071008 | BARATAM AKHILESH               | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 9     | 1701071009 | BARATAM SUPRIYA                | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 10    | 1701071010 | BEHARA DURGA PRASAD            | P    | P    | P    | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | 14    |
| 11    | 1701071011 | BENDI YASWANTH SRI SAI SASTHRY | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | A    | P    | 14    |
| 12    | 1701071012 | BHAGYA SWARNA DEEKSHA KILLARI  | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 13    | 1701071013 | BORIGI PRATYUSHA               | P    | P    | P    | A    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | 14    |
| 14    | 1701071014 | BOYINA KRISHNA SOWMYA          | P    | P    | P    | A    | P    | P    | P    | P    | P    | A    | P    | P    | P    | P    | 13    |





|    |            |                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----|------------|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 44 | 1701071047 | NEELAGIRI MEGHAMALA     | P | A | P | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 45 | 1701071049 | PENTA CHANDINI          | P | P | P | P | P | A | P | P | P | P | P | P | P | P | 14 |
| 46 | 1701071050 | PINNINTI GOWTHAM KUMAR  | P | P | P | A | P | P | P | P | P | P | P | P | P | P | 14 |
| 47 | 1701071051 | POLUMURU JYOTSNA        | P | P | P | P | P | P | P | A | P | P | P | P | P | P | 14 |
| 48 | 1701071052 | POTNURU RUTHVIK         | P | P | P | P | P | P | P | P | P | P | P | P | P | P | 15 |
| 49 | 1701071053 | PULI PRASAD             | P | P | P | P | P | A | P | P | P | P | P | P | P | P | 14 |
| 50 | 1701071054 | RATNALA SANJANA         | P | P | P | A | P | P | P | P | P | P | P | P | P | P | 14 |
| 51 | 1701071055 | SAKALABHAKTULA PAVITRA  | P | P | P | P | P | P | P | A | P | P | P | P | P | P | 14 |
| 52 | 1701071056 | SANTOSH KUMAR PANDA     | P | A | P | P | P | P | P | P | A | P | P | P | P | P | 13 |
| 53 | 1701071057 | SATYANNARAYANA NAIDU T  | P | P | P | P | P | P | P | P | P | P | P | P | P | P | 15 |
| 54 | 1701071059 | SEERAPU UMA             | P | P | P | A | P | P | P | P | P | P | P | P | P | P | 14 |
| 55 | 1701071060 | SILLA TARAKA RAMARAO    | P | P | P | P | P | P | P | P | A | P | P | P | P | P | 14 |
| 56 | 1701071061 | SIMHADRI MURALI KRISHNA | P | P | P | P | P | P | P | P | P | P | P | P | P | P | 15 |
| 57 | 1701071062 | SUNKANA SAI GEETHIKA    | P | P | P | P | P | P | P | P | P | P | A | P | P | P | 14 |
| 58 | 1701071063 | T BHAVANA               | P | A | P | P | P | P | P | P | P | P | P | P | P | P | 14 |
| 59 | 1701071064 | TAMADA RAHUL            | P | P | P | P | P | P | A | P | P | P | P | P | P | P | 14 |
| 60 | 1701071065 | TUMULA GANESH           | P | P | P | P | P | P | P | P | P | A | P | P | P | P | 14 |
| 61 | 1701071066 | VADDI PAVAN KUMAR       | P | P | P | A | P | P | P | P | P | P | P | P | P | P | 14 |
| 62 | 1701071068 | VIYYAPU PRAVALLIKA      | P | P | P | P | P | P | P | P | A | P | P | P | P | P | 14 |
| 63 | 1701071069 | VYSYARAJU ABHILASH      | P | P | P | A | P | P | P | P | P | P | P | P | P | P | 14 |

S. S. S. S. S.  
Program coordinator







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Under the Management of Gurajada Educational Society

Munsabpeta, Srikakulam

Student attendance for Certificate program on TALLY

Academic year: 2019-20

| S.NO | H.T.NO     | NAME OF THE STUDENT                      | 25/7 | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 | 1/8 | 2/8 | 3/8 | 4/8 | 5/8 | 6/8 | 7/8 | 8/8 | TOTAL |
|------|------------|------------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1    | 1701061001 | BARATAM KRISHNA VAMSI                    | P    | P    | P    | P    | P    | P    | A    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 2    | 1701061002 | BARATAM SAKETH                           | P    | P    | A    | P    | P    | P    | P    | P   | A   | P   | P   | P   | P   | P   | P   | 13    |
| 3    | 1701061003 | CHELLURI EESWAR SANTHOSH                 | P    | P    | P    | P    | A    | P    | P    | P   | P   | P   | P   | P   | A   | P   | P   | 13    |
| 4    | 1701061005 | DESSILLA YAMINI                          | A    | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 5    | 1701061006 | DONKADA NEHA                             | P    | P    | P    | P    | P    | A    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 6    | 1701061007 | G HIMAJA                                 | P    | A    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 7    | 1701061008 | K VENKATA NARASIMHARAMAKRISHNA CHAITANYA | P    | P    | P    | P    | P    | P    | P    | A   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 8    | 1701061009 | KANAPALA SURENDRA KUMAR                  | P    | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 15    |
| 9    | 1701061010 | KANCHU SRAVANTHI                         | P    | P    | P    | P    | P    | P    | A    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 10   | 1701061011 | L VINITA                                 | P    | P    | A    | P    | P    | P    | P    | P   | P   | P   | P   | A   | P   | P   | P   | 13    |
| 11   | 1701061013 | MARRI RAJU                               | P    | A    | P    | P    | P    | A    | P    | P   | P   | P   | P   | P   | P   | P   | A   | 12    |
| 12   | 1701061014 | P SHIVANI                                | P    | P    | P    | P    | P    | P    | P    | P   | A   | P   | P   | P   | P   | P   | P   | 14    |
| 13   | 1701061015 | PATINA HEMALATHA                         | P    | P    | P    | P    | A    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 14   | 1701061016 | SIMHADRI SHANMUKHA RAO                   | P    | P    | P    | P    | P    | P    | A    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 15   | 1701061017 | TAMMINA LOKESH                           | P    | P    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 14    |
| 16   | 1701061018 | TANDASA HARIKA                           | P    | P    | P    | A    | P    | P    | P    | A   | P   | P   | P   | P   | A   | P   | P   | 14    |
| 17   | 1701061019 | THADELA JAYARAM                          | P    | A    | P    | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   | 13    |
|      |            |                                          |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     | 14    |

S. Jagadeesh  
Program coordinator







# **GAYATRI COLLEGE OF SCIENCE & MANAGEMENT**

(Affiliated to Dr. B.R. Ambedkar University)

Accredited by NAAC & ISO

Under the Management of Gurajada Educational Society

Munsabpeta, Srikakulam-532401

**DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES**

## **A TWO WEEK CERTIFICATE PROGRAM ON "TALLY"**

25-07-2019 to 08-08-2019

### **Certificate of Participation**

This is to certify that Mr/Mrs. B. SANTHU

of BBA - II<sup>nd</sup> Year has

participated in the "A two week certificate program on "TALLY" organized by Department of Commerce and Management Studies, Gayatri College of Science and Management, Munsabpeta, Srikakulam.

  
Program coordinator

  
HOD (DCMS)





# **GAYATRI COLLEGE OF SCIENCE & MANAGEMENT**

(Affiliated to Dr. B.R. Ambedkar University)

Accredited by NAAC & ISO

Under the Management of Gurajada Educational Society

Munsabpeta, Srikakulam-532401

**DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES**

**A TWO WEEK CERTIFICATE PROGRAM ON**

**"TALLY"**

25-07-2019 to 08-08-2019

## **Certificate of Participation**

This is to certify that Mr/Mrs. J. PADMA

of BBA - 1<sup>st</sup> Year has

participated in the "A two week certificate program on "TALLY" organized by Department of Commerce and Management Studies, Gayatri College of Science and Management, Munsabpeta, Srikakulam.

*S. Jagadeesh*  
Program coordinator

*[Signature]*  
HOD (DCMS)





# GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

(Affiliated to Dr. B.R. Ambedkar University)

Accredited by NAAC & ISO

Under the Management of Gurajada Educational Society  
Munsabpeta, Srikakulam-532401

DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES

## A TWO WEEK CERTIFICATE PROGRAM ON "TALLY"

25-07-2019 to 08-08-2019

### Certificate of Participation

This is to certify that Mr/Mrs. T. LOKESH

of B. Com - III<sup>rd</sup> year has

participated in the "A two week certificate program on "TALLY" organized by Department of Commerce and Management Studies, Gayatri College of Science and Management, Munsabpeta, Srikakulam.





  
**GAYATRI COLLEGE OF SCIENCE & MANAGEMENT (PG)**  
 Affiliated to Dr.B.R.Ambedkar University)  
 Accredited by NAAC & ISO  
 Under the Management of Gurajada Educational Society  
 Munasabpeta, Srikakulam.

**Report Certificate / Add on Course**  
**2019 - 2020**

|                                                                                                                                                                                                                                                                             |                                                                                                                   |                                                                                                                                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Name of the Certificate / Add on Course</b>                                                                                                                                                                                                                              | Waste Water Management                                                                                            |                                                                                                                                            |  |
| <b>Name of Resource</b>                                                                                                                                                                                                                                                     | Smt., T. Prasanthi<br>Lecturer in Chemistry<br>Gayatri College of Science & Management<br>Munasabpeta, Srikakulam |                                                                                                                                            |  |
| <b>Duration of Activity</b>                                                                                                                                                                                                                                                 | 25.07.2019 To 10.08.2019                                                                                          |                                                                                                                                            |  |
| <b>Class</b>                                                                                                                                                                                                                                                                | II M.Sc., Analytical Chemistry                                                                                    |                                                                                                                                            |  |
| <b>Contact Hours/Schedule</b>                                                                                                                                                                                                                                               | 30 Hours                                                                                                          |                                                                                                                                            |  |
| <b>Aim/Objective:</b> The Objective of this Study is to Control Waste Water Pollution by its its Management and Treatment                                                                                                                                                   |                                                                                                                   |                                                                                                                                            |  |
| <b>Learning Outcomes:</b>                                                                                                                                                                                                                                                   |                                                                                                                   |                                                                                                                                            |  |
| <b>Lower Order</b>                                                                                                                                                                                                                                                          | 60%                                                                                                               | <ul style="list-style-type: none"> <li>• Understand the Role of Water in Human Life</li> <li>• Methods of Waste Water Treatment</li> </ul> |  |
| <b>Higher Order</b>                                                                                                                                                                                                                                                         | 40%                                                                                                               | <ul style="list-style-type: none"> <li>• Biological, Chemical and Physical Methods of Waste Water Treatment</li> </ul>                     |  |
| <b>Course Content/Curriculum</b>                                                                                                                                                                                                                                            |                                                                                                                   |                                                                                                                                            |  |
| <ul style="list-style-type: none"> <li>• Introduction to Waste Water Treatment</li> <li>• History</li> <li>• Importance of Waste Water Treatment</li> <li>• Waste Water Treatment Process, Systems and Technology</li> <li>• Applications</li> <li>• Conclusions</li> </ul> |                                                                                                                   |                                                                                                                                            |  |
| <b>Assessment Procedure</b>                                                                                                                                                                                                                                                 |                                                                                                                   |                                                                                                                                            |  |
| <ul style="list-style-type: none"> <li>▪ MCQ Base Examination: 75%</li> <li>▪ Viva Voice: 25%</li> </ul>                                                                                                                                                                    |                                                                                                                   |                                                                                                                                            |  |

  
**COORDINATOR**

  
**H.O.D. CHEMISTRY**  
 Head of the Department of Chemistry  
 Gayatri College of Science & Management  
 Munasabpeta, Srikakulam



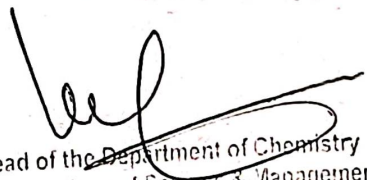
GAYATRI COLLEGE OF SCIENCE & MANAGEMENT  
(Affiliated to Dr.B.R. AMBEDKAR UNIVERSITY)  
Munasabpeta, SRIKAKULAM  
2ND YEAR M.SC (Analytical Chemistry) 2019-2020

| SL.NO | H.T.NO     | NAME OF THE STUDENT        | signature           |
|-------|------------|----------------------------|---------------------|
| 1     | 1852503001 | ALIGI MOHANA RAO           | Aligi Mohana Rao    |
| 2     | 1852503002 | BANKUPALLI VENKATA LAVANYA | B. Venkata Lavanya  |
| 3     | 1852503003 | BOYI SAIRAM                | B. SAIRAM           |
| 4     | 1852503004 | CHAPARA TEJA               | C. Teja             |
| 5     | 1852503006 | CHINTADA CHAITANYA         | CH. Chaitanya       |
| 6     | 1852503007 | DABBIRU SHIREESHA          | D. Shireesha        |
| 7     | 1852503008 | DAMU CHANDRASEKHAR         | D. Chandrasekhar    |
| 8     | 1852503009 | DAMU CHINNAMNAIDU          | D. Chinnamnaidu     |
| 9     | 1852503010 | DUMPALA BHANUCHANDAR       | D. Bhanechandar     |
| 10    | 1852503011 | DUPPALA SIVAPRASAD         | D. Sivaprasad       |
| 11    | 1852503012 | GOSADI AJAYKUMAR           | G. Ajay Kumar       |
| 12    | 1852503013 | GURRALA SAI KUMAR          | G. Sai Kumar        |
| 13    | 1852503014 | JAMI SRAVANTHI             | J. Sravanthi        |
| 14    | 1852503015 | KARNI HEMA                 | K. Hema             |
| 15    | 1852503016 | KINJARAPU CHITTIBABU       | K. Chittibabu       |
| 16    | 1852503017 | KORIKANA VIJAY KUMAR       | K. Vijay Kumar      |
| 17    | 1852503018 | KOYYANA SANTOSH KUMAR      | K. Santosh Kumar    |
| 18    | 1852503019 | LALUPRASAD SENAPATI        | L. Laluprasad       |
| 19    | 1852503020 | MAJJI RAVI TEJA            | M. Ravi Teja        |
| 20    | 1852503021 | MAVUDURU RAMA SURYA NAVEEN | M. Rama Suryanaveen |
| 21    | 1852503022 | MENDA RAMA KRISHNA         | M. Ramakrishna      |
| 22    | 1852503023 | MONDU VASANTHA             | M. Vasantha         |
| 23    | 1852503024 | MUDDA SANDHYARANI          | M. Sandhyarani      |
| 24    | 1852503025 | MVG SRI HARSHA SANTOSH     | M. Harsha           |
| 25    | 1852503026 | NADDI SESHAGIRI            | N. Seshagiri        |
| 26    | 1852503027 | NAKKA RADHA                | N. Radha            |
| 27    | 1852503028 | NANDYATI TIRUPATHI RAO     | N. Tirupathi        |
| 28    | 1852503029 | PANGA ANIL                 | P. Anil             |

Head of the Department  
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| H.T.NO     | NAME OF THE STUDENT                        | signature                   |
|------------|--------------------------------------------|-----------------------------|
| 1852503031 | PEDADA BALA KRISHNA                        | P. Balakrishna              |
| 1852503032 | PEDDIREDDY LAKSHMANAVASANTH                | P. Lakshmanavasanth         |
| 1852503033 | PRAGADA SANTOSH KUMAR                      | P. Santosh Kumar            |
| 1852503034 | PUDU DINESH                                | P. Dinesh                   |
| 1852503035 | PULLA VEERA VENKATA SATYANARAYANA SURENDRA | P. Venkatasatya<br>Surendra |
| 1852503036 | PURIJALA KRISHNA CHAITANYA                 | P. Krishna Chaitanya        |
| 1852503038 | SEEPANA VENKATESH                          | S. Venkatesh                |
| 1852503039 | SIVALA JYOTSHNA                            | S. Jyotshna                 |
| 1852503040 | VAKAMULLU VASU                             | V. Vasu                     |
| 1852503041 | YATIRAJULA KRISHNA MOHAN                   | Y. Krishnamohan             |
| 1852503042 | YENDA CHALLAMAMBA                          | Y. Challamamba              |

  
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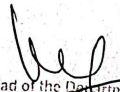
GAYATRI COLLEGE OF SCIENCE & MANAGEMENT  
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Munasabpetta, SRIKAKULAM  
2ND YEAR M.SC (Analytical Chemistry) 2019-2020  
Certificate course attendance

| SL.NO | H.T.NO     | NAME OF THE STUDENT        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1     | 1852503001 | ALIGI MOHANA RAO           | P | P | P | A | P | P | P | P | P | A | P | P | P | P | P |
| 2     | 1852503002 | BANKUPALLI VENKATA LAVANYA | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 3     | 1852503003 | BOYI SAIRAM                | P | P | P | P | A | P | P | P | P | P | A | P | P | P | P |
| 4     | 1852503004 | CHAPARA TEJA               | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 5     | 1852503006 | CHINTADA CHAITANYA         | P | P | P | P | P | P | A | P | P | P | P | A | P | P | P |
| 6     | 1852503007 | DABBIRU SHIREESHA          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 7     | 1852503008 | DAMU CHANDRASEKHAR         | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 8     | 1852503009 | DAMU CHINNAMNAIDU          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 9     | 1852503010 | DUMPALA BHANUCHANDAR       | P | P | P | P | A | P | P | P | P | P | P | P | A | P | P |
| 10    | 1852503011 | DUPPALA SIVAPRASAD         | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 11    | 1852503012 | GOSADI AJAYKUMAR           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 12    | 1852503013 | GURRALA SAI KUMAR          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 13    | 1852503014 | JAMI SRAVANTHI             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 14    | 1852503015 | KARNI HEMA                 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 15    | 1852503016 | KINJARAPU CHITTIBABU       | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 16    | 1852503017 | KORIKANA VIJAY KUMAR       | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 17    | 1852503018 | KOYYANA SANTOSH KUMAR      | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 18    | 1852503019 | LALUPRASAD SENAPATI        | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 19    | 1852503020 | MAJJI RAVI TEJA            | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 20    | 1852503021 | MAVUDURU RAMA SURYA NAVEEN | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

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|    |            |                                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|-----------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 1852503022 | MENDA RAMA KRISHNA                            | P | P | P | P | P | P | P | A | P | P | P | P | A | P | P |
| 22 | 1852503023 | MONDU VASANTHA                                | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 23 | 1852503024 | MUDDA SANDHYARANI                             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 24 | 1852503025 | MVG SRI HARSHA SANTOSH                        | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 25 | 1852503026 | NADDI SESHAGIRI                               | P | P | P | P | P | P | A | P | P | P | P | A | P | P | P |
| 26 | 1852503027 | NAKKA RADHA                                   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 27 | 1852503028 | NANDYATI TIRUPATHI RAO                        | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 28 | 1852503029 | PANGA ANIL                                    | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 29 | 1852503030 | PATINA KUMARA SWAMI                           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 30 | 1852503031 | PEDADA BALA KRISHNA                           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 31 | 1852503032 | PEDDIREDDY LAKSHMANAVASANTH                   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 32 | 1852503033 | PRAGADA SANTOSH KUMAR                         | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 33 | 1852503034 | PUDU DINESH                                   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 34 | 1852503035 | PULLA VEERA VENKATA<br>SATYANARAYANA SURENDRA | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 35 | 1852503036 | PURIJALA KRISHNA CHAITANYA                    | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 36 | 1852503038 | SEEPANA VENKATESH                             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 37 | 1852503039 | SIVALA JYOTSHNA                               | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 38 | 1852503040 | VAKAMULLU VASU                                | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 39 | 1852503041 | YATIRAJULA KRISHNA MOHAN                      | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 40 | 1852503042 | YENDA CHALLAMAMBA                             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

  
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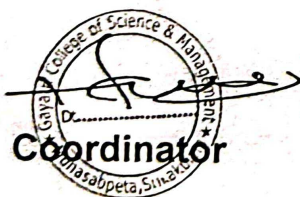
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### **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss KARNI. HEMA, II M.Sc.,  
(Analytical Chemistry) For Successfully Completing Two Weeks Certificate  
Course Conducted by Department Of Chemistry On "Waste Water  
Management", AUGUST 2019.



**H.O.D Chemistry**

Head of the Department of Chemistry  
Gayatri College of Science & Management



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## **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss NAKKA. RADHA, II M.Sc.,  
( Analytical Chemistry) For Successfully Completing Two Weeks Certificate  
Course Conducted by Department Of Chemistry On "Waste Water  
Management", AUGUST 2019.



**H.O.D. Chemistry**  
Head of the Department of Chemistry  
Gayatri College of Science & Management  
Munasabpetta, Srikakulam

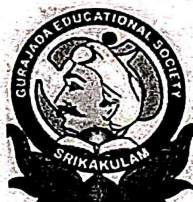


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## **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss SIVALA. JYOSTNA, II M.Sc.,  
( Analytical Chemistry) For Successfully Completing Two Weeks Certificate  
Course Conducted by Department Of Chemistry On "Waste Water  
Management", AUGUST 2019.



**H.O.D Chemistry**  
Head of the Department of Chemistry  
Gayatri College of Science & Management  
Munasabpetta, Srikakulam

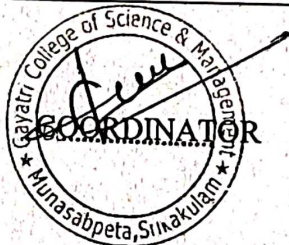




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**Accredited by NAAC & ISO**  
**Under the Management of Gurajada Educational Society**  
**Munasabpeta, Srikakulam.**

**Report Certificate / Add on Course**  
**2019- 2020**

|                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                     |                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of the Certificate / Add on Course</b>                                                                                                                                                                                                                                                                                                                                           | Determination of Extra Elements by Green Approach                                                                   |                                                                                                                                                                                              |
| <b>Name of Resource</b>                                                                                                                                                                                                                                                                                                                                                                  | Sri., K. SreeRamulu<br>Lecturer in Chemistry<br>Gayatri College of Science & Management<br>Munasabpeta, Srikakulam. |                                                                                                                                                                                              |
| <b>Duration of Activity</b>                                                                                                                                                                                                                                                                                                                                                              | 25.07.2019 To 11.08.2019                                                                                            |                                                                                                                                                                                              |
| <b>Class</b>                                                                                                                                                                                                                                                                                                                                                                             | II M.Sc., Organic Chemistry                                                                                         |                                                                                                                                                                                              |
| <b>Contact Hours/Schedule</b>                                                                                                                                                                                                                                                                                                                                                            | 30 Hours                                                                                                            |                                                                                                                                                                                              |
| <b>Aim/Objective:</b> The Objective of this Study were Determine the Extra Elements (N, O, X) in Different Organic Compounds.                                                                                                                                                                                                                                                            |                                                                                                                     |                                                                                                                                                                                              |
| <b>Learning Outcomes:</b>                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |                                                                                                                                                                                              |
| <b>Lower Order</b>                                                                                                                                                                                                                                                                                                                                                                       | 45 %                                                                                                                | <ul style="list-style-type: none"><li>• Knowing about Green Reagents</li><li>• Understand Usage of Green reagent in Organic Compound Analysis</li></ul>                                      |
| <b>Higher Order</b>                                                                                                                                                                                                                                                                                                                                                                      | 55 %                                                                                                                | <ul style="list-style-type: none"><li>• Use of Green reagents instead of Regular Synthetic reagents</li><li>• Understand Differentiation of Green reagents from Synthetic reagents</li></ul> |
| <b>Course Content/Curriculum</b> <ul style="list-style-type: none"><li>• Introduction to Green Chemistry</li><li>• Solvents</li><li>• Reactions of Green reagents</li><li>• Differences between Green reagents and Synthetic reagents</li><li>• Utilizations of Green reagents</li><li>• Procedures to Determination of Extra Elements by Green Approach</li><li>• Conclusions</li></ul> |                                                                                                                     |                                                                                                                                                                                              |
| <b>Assessment Procedure</b> <ul style="list-style-type: none"><li>▪ MCQ Base Examination: 75%</li><li>▪ Viva Voice: 25%</li></ul>                                                                                                                                                                                                                                                        |                                                                                                                     |                                                                                                                                                                                              |



  
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Munasabpetta, SRIKAKULAM  
2ND YEAR M.SC (Organic Chemistry) 2019-2020

| SL.NO | H.T.NO     | NAME OF THE STUDENT            | signature           |
|-------|------------|--------------------------------|---------------------|
| 1     | 1855503001 | AMEERNAIDU KORNI               | Ameer naidu         |
| 2     | 1855503003 | ATTADA MOHANAKRISHNA           | Mohan krishna       |
| 3     | 1855503004 | CHANDAKA MOHANARAO             | Mohan rao           |
| 4     | 1855503005 | CHUKKALA GURUVULU              | Guruvulu            |
| 5     | 1855503006 | DAMU AMMANNAIDU                | Dam Amanna          |
| 6     | 1855503007 | DANDUPATI ASWIN KUMAR          | D. Aswin Kumar      |
| 7     | 1855503008 | DANNANA MOHANARAO              | D. Mohan rao        |
| 8     | 1855503009 | DOKI AKHANDESWARA RAO          | D. Akhandeswara rao |
| 9     | 1855503010 | DUBBA ANURADHA                 | D. Anuradha         |
| 10    | 1855503011 | DULAPALLI JEEVARATNAM          | D. Jeevaratnam      |
| 11    | 1855503012 | GAJARAJ SANTHIPRIYA            | G. Santhipriya      |
| 12    | 1855503013 | GEDELA VANI                    | G. Vani             |
| 13    | 1855503014 | GOTTUMUKKALA SAI KRISHNA VARMA | G. S. K. Varma      |
| 14    | 1855503015 | HANUMANTHU DILEEP KUMAR        | H. Dileep Kumar     |
| 15    | 1855503016 | IJJADA SATYANNARAYANA          | I. Satyanarayana    |
| 16    | 1855503017 | ITRAJULA MADHAVARAO            | I. Madhava Rao      |
| 17    | 1855503018 | JAMI SANTHOSHIKUMARI           | J. Santhosikumar    |
| 18    | 1855503019 | KANCHALA SHYAMALA              | K. Shyamala         |
| 19    | 1855503020 | KASIMKOTA HEMALATHA            | K. Hemalatha        |
| 20    | 1855503021 | KILLI KRISHNA RAO              | K. Krishan Rao      |
| 21    | 1855503022 | KONDALA BABJI                  | K. Babji            |
| 22    | 1855503023 | KOPPALA SURESH                 | K. Suresh           |
| 23    | 1855503024 | KORNU ANANDARAO                | K. Anand Rao        |
| 24    | 1855503025 | KOYYANA RAMBABU                | K. Rambabu          |
| 25    | 1855503026 | KOYYANA SWATHI                 | K. Swathi           |
| 26    | 1855503027 | KURITI SREEKANTH               | K. Sreekanth        |
| 27    | 1855503028 | LINGUBERI RAMAKRISHNA          | L. Ramakrishna      |
| 28    | 1855503029 | PALLA UGANDHER                 | P. Ugandher         |
| 29    | 1855503030 | PANCHIREDDY GUNAVATHI          | P. Gunavathi        |
| 30    | 1855503031 | PONNANA RAMA CHANDRA RAO       | P. Ramachandra Rao  |
| 31    | 1855503032 | POTNURU VENKATESH              | P. Venkatesh        |
| 32    | 1855503033 | REDDI MOHANA RAO               | R. Mohan Rao        |
| 33    | 1855503034 | ROUTHU GOPI                    | R. Gopi             |
| 34    | 1855503035 | SAVIRIGANA HEMANTH KUMAR       | S. Hemant Kumar     |
| 35    | 1855503036 | SEERLA NARAYANA MURTHY         | S. Narayana Murthy  |
| 36    | 1855503037 | SILLA HARI SANKARA GUPTA       | S. Harisankar Gupta |
| 37    | 1855503038 | SIMHADRI PRAVEEN KUMAR         | S. Praveen Kumar    |
| 38    | 1855503039 | VAMARAVALLI MALLESWARA RAO     | V. Malleswara Rao   |
| 39    | 1855503040 | VANAPALLI KIRAN MANI           | V. Kiran Mani       |
| 40    | 1855503041 | VARADA APARNA                  | V. Aparna           |



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2ND YEAR M.SC (Organic Chemistry) 2019-2020  
Certificate course attendance

| SL.NO | H.T.NO     | NAME OF THE STUDENT            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------------|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1     | 1855503001 | AMEERNAIDU KORNI               | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 2     | 1855503003 | ATTADA MOHANAKRISHNA           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 3     | 1855503004 | CHANDAKA MOHANARAO             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 4     | 1855503005 | CHUKKALA GURUVULU              | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 5     | 1855503006 | DAMU AMMANNAIDU                | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 6     | 1855503007 | DANDUPATI ASWIN KUMAR          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 7     | 1855503008 | DANNANA MOHANARAO              | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 8     | 1855503009 | DOKI AKHANDESWARA RAO          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 9     | 1855503010 | DUBBA ANURADHA                 | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 10    | 1855503011 | DULAPALLI JEEVARATNAM          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 11    | 1855503012 | GAJARAJ SANTHIPRIYA            | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 12    | 1855503013 | GEDELA VANI                    | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 13    | 1855503014 | GOTTUMUKKALA SAI KRISHNA VARMA | P | P | P | P | A | P | P | P | P | P | A | P | P | P | P | P |
| 14    | 1855503015 | HANUMANTHU DILEEP KUMAR        | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 15    | 1855503016 | UJADA SATYANNARAYANA           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 16    | 1855503017 | ITRAJULA MADHAVARAO            | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 17    | 1855503018 | JAMI SANTHOSHIKUMARI           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 18    | 1855503019 | KANCHALA SHYAMALA              | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 19    | 1855503020 | KANIKOTA HEMALATHA             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 20    | 1855503021 | KALLI KRISHNA RAO              | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P | P |

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|    |            |                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 1855503022 | KONDALA BABJI              | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 22 | 1855503023 | KOPPALA SURESH             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 23 | 1855503024 | KORNU ANANDARAO            | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 24 | 1855503025 | KOYYANA RAMBABU            | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 25 | 1855503026 | KOYYANA SWATHI             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 26 | 1855503027 | KURITI SREEKANTH           | P | P | P | P | A | P | P | P | P | P | P | A | P | P | P |
| 27 | 1855503028 | LINGUBERI RAMAKRISHNA      | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 28 | 1855503029 | PALLA UGANDHER             | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 29 | 1855503030 | PANCHIREDDY GUNAVATHI      | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 30 | 1855503031 | PONNANA RAMA CHANDRA RAO   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 31 | 1855503032 | POTNURU VENKATESH          | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 32 | 1855503033 | REDDI MOHANA RAO           | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 33 | 1855503034 | ROUTHU GOPI                | P | P | A | P | P | P | P | P | P | P | P | A | P | P | P |
| 34 | 1855503035 | SAVIRIGANA HEMANTH KUMAR   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 35 | 1855503036 | SEERLA NARAYANA MURTHY     | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 36 | 1855503037 | SILLA HARI SANKARA GUPTA   | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 37 | 1855503038 | SIMHADRI PRAVEEN KUMAR     | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 38 | 1855503039 | VAMARAVALLI MALLESWARA RAO | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 39 | 1855503040 | VANAPALLI KIRAN MANI       | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 40 | 1855503041 | VARADA APARNA              | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

  
 Head of the Department of Chemistry  
 Gayatri College of Science & Management  
 Munasabpet, Srikakulam



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Munasabpetta, Srikakulam-532401, A.P



## **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss., DANNANA.MOHAN RAO, II M.Sc.,  
( Organic Chemistry) For Successfully Completing Two Weeks Certificate Course  
Conducted by Department Of Chemistry On "Identification of Extra Elements by  
Green Approach ", August 2019.



**H.O.D Chemistry**  
Head of the Department of Chemistry  
Gayatri College of Science & Management  
Munasabpetta, Srikakulam



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## **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss., ROUTHU.GOPI, II M.Sc.,  
( Organic Chemistry) For Successfully Completing Two Weeks Certificate  
Course Conducted by Department Of Chemistry On "Identification of Extra  
Elements by Green Approach ", August 2019.



**H.O.D Chemistry**  
Head of the Department of Chemistry  
Gayatri College of Science & Management  
Munasabpetta, Srikakulam

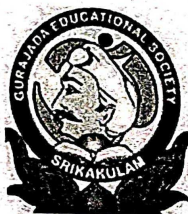


# **GAYATRI COLLEGE OF SCIENCE & MANAGEMENT**

(Affiliated to Dr. B.R. Ambedkar University, Srikakulam)

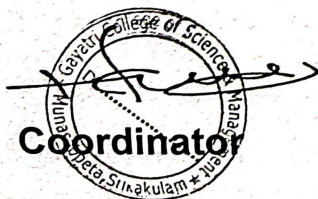
Accredited by NAAC & ISO Certified

Under the Management of GURAJADA EDUCATIONAL SOCIETY  
Munasabpetta, Srikakulam-532401, A.P



## **Certificate Of Completion**

This is Certificate is Awarded to Mr/Miss., KONDALA. BABJI, II M.Sc.,  
( Organic Chemistry) For Successfully Completing Two Weeks Certificate Course  
Conducted by Department Of Chemistry On "Identification of Extra Elements by  
Green Approach" , August 2019.



**Coordinator**

**H O D Chemistry**

Head of the Department of Chemistry  
Gayatri College of Science & Management  
Munasabpetta, Srikakulam

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Under the Management of Gurajada Educational Society  
Munasabpetta, Srikakulam-532401

**Report of Certificate / Add on Course**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------|
| Name of the Certificate / Add on Course                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | Water Analysis         |
| Name of Resource Person                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | Sri A.S.R. DHANVANTHRY |
| Duration of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     | 1 Hour                 |
| Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     | III CBZ                |
| Contact Hours/Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | 14 Hours               |
| Aim/Objective: To assess the existing river quality                                                                                                                                                                                                                                                                                                                                                                                                                      |     |                        |
| Learning Outcomes: Awareness about pure and impure water                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                        |
| Lower Order                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40% |                        |
| Higher Order                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60% |                        |
| <b>Course Content/Curriculum</b><br>* To know the physical chemical and Biological status of water resources<br>* To identify the change in water quality<br>* To formulate WQI for river health monitoring                                                                                                                                                                                                                                                              |     |                        |
| <b>Assessment Procedure</b><br>• Viva Voice: 100%                                                                                                                                                                                                                                                                                                                                                                                                                        |     |                        |
| <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <br/>             H.O.D<br/>             Department of Biochemistry           </div> <div style="text-align: center;"> <br/>             PRINCIPAL           </div> </div> |     |                        |



# GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

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Under the Management of GURAJADA EDUCATIONAL SOCIETY

Munasabpetta, SRIKAKULAM - 532401. (A.P)

STUDENT ATTENDANCE

III CBZ

NAME OF THE PROGRAMME Water analysis

DATE: 26/7/19

| S.No. | NAME OF THE STUDENT | SIGNATURE OF THE STUDENT |
|-------|---------------------|--------------------------|
| 1.    | K. DEEPIKA          | K. Deepika               |
| 2.    | B. Meenakshi        | B. meenakshi             |
| 3.    | S. Aruna Kumar      | S. Aruna                 |
| 4.    | Ch. Nagalakshmi     | Ch. Nagalakshmi          |
| 5.    | B. Mani Ratnam      | B. Mani Ratnam           |
| 6.    | D. Mamatha Priya    | D. Mamatha Priya         |
| 7.    | B. Madhuri          | B. madhuri               |
| 8.    | Y. Sangeetha        | Y. Sangeetha             |
| 9.    | B. Meetha           | B. Meetha                |
| 10.   | Y. Sangeetha        | Y. Sangeetha             |
| 11.   | G. Sangeetha        | G. Sangeetha             |
| 12.   | B. Geetha Lakshmi   | B. Geetha Lakshmi        |
| 13.   | B. Kanya Sai        | B. Kanya Sai             |
| 14.   | M. Suneetha         | M. Suneetha              |
| 15.   | B. Geetha Priya     | B. Geetha Priya          |
| 16.   | MS.G. Premella      | MS.G. Premella           |
| 17.   | B. Kanya Sai        | B. Kanya Sai             |
| 18.   | G. Sangeetha        | G. Sangeetha             |
| 19.   | S. Sangeetha        | S. Sangeetha             |
| 20.   | K. Sravanthi        | K. Sravanthi             |
| 21.   | G. Maheswari        | G. Maheswari             |
| 22.   | K. Sravanthi        | K. Sravanthi             |
| 23.   | D. Mineesha         | D. Mineesha              |
| 24.   | T. Himabindu        | T. Himabindu             |
| 25.   | T. Sathya Lakshmi   | T. Sathya Lakshmi        |
| 26.   | G. Ranya            | G. Ranya                 |
| 27.   | Sumanlatha Padma    | Sumanlatha Padma         |
| 28.   | L. Jyothshna        | L. Jyothshna             |
| 29.   | T. Suneetha         | T. Suneetha              |
|       |                     |                          |
|       |                     |                          |
|       |                     |                          |

*(Signature)*

PRINCIPAL

Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532 401

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Munasabpetta, SRIKAKULAM - 532 401  
**III B.Sc (CBBT) Student Attendance for Certificate Course in**  
**2019 Academic Year 2019-2020**

| Sl.No. | H.T.NO. | Name of the Student | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 | 1/8 | 2/8 | 3/8 | 4/8 | 5/8 | 6/8 | 7/8 | 8/8 | 9/8 | 10/8 | 11/8 | 12/8 | 13/8 | 14/8 | 15/8 | 16/8 | 17/8 | 18/8 | 19/8 | 20/8 | 21/8 | 22/8 | 23/8 | 24/8 | 25/8 | 26/8 | 27/8 | 28/8 | 29/8 | 30/8 | 31/8 | 1/9 | 2/9 | 3/9 | 4/9 | 5/9 | 6/9 | 7/9 | 8/9 | 9/9 | 10/9 | 11/9 | 12/9 | 13/9 | 14/9 | 15/9 | 16/9 | 17/9 | 18/9 | 19/9 | 20/9 | 21/9 | 22/9 | 23/9 | 24/9 | 25/9 | 26/9 | 27/9 | 28/9 | 29/9 | 30/9 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 13/10 | 14/10 | 15/10 | 16/10 | 17/10 | 18/10 | 19/10 | 20/10 | 21/10 | 22/10 | 23/10 | 24/10 | 25/10 | 26/10 | 27/10 | 28/10 | 29/10 | 30/10 | 31/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 13/11 | 14/11 | 15/11 | 16/11 | 17/11 | 18/11 | 19/11 | 20/11 | 21/11 | 22/11 | 23/11 | 24/11 | 25/11 | 26/11 | 27/11 | 28/11 | 29/11 | 30/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 13/12 | 14/12 | 15/12 | 16/12 | 17/12 | 18/12 | 19/12 | 20/12 | 21/12 | 22/12 | 23/12 | 24/12 | 25/12 | 26/12 | 27/12 | 28/12 | 29/12 | 30/12 | 31/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 13/13 | 14/13 | 15/13 | 16/13 | 17/13 | 18/13 | 19/13 | 20/13 | 21/13 | 22/13 | 23/13 | 24/13 | 25/13 | 26/13 | 27/13 | 28/13 | 29/13 | 30/13 | 31/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 13/14 | 14/14 | 15/14 | 16/14 | 17/14 | 18/14 | 19/14 | 20/14 | 21/14 | 22/14 | 23/14 | 24/14 | 25/14 | 26/14 | 27/14 | 28/14 | 29/14 | 30/14 | 31/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 13/15 | 14/15 | 15/15 | 16/15 | 17/15 | 18/15 | 19/15 | 20/15 | 21/15 | 22/15 | 23/15 | 24/15 | 25/15 | 26/15 | 27/15 | 28/15 | 29/15 | 30/15 | 31/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 | 13/16 | 14/16 | 15/16 | 16/16 | 17/16 | 18/16 | 19/16 | 20/16 | 21/16 | 22/16 | 23/16 | 24/16 | 25/16 | 26/16 | 27/16 | 28/16 | 29/16 | 30/16 | 31/16 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 | 7/17 | 8/17 | 9/17 | 10/17 | 11/17 | 12/17 | 13/17 | 14/17 | 15/17 | 16/17 | 17/17 | 18/17 | 19/17 | 20/17 | 21/17 | 22/17 | 23/17 | 24/17 | 25/17 | 26/17 | 27/17 | 28/17 | 29/17 | 30/17 | 31/17 | 1/18 | 2/18 | 3/18 | 4/18 | 5/18 | 6/18 | 7/18 | 8/18 | 9/18 | 10/18 | 11/18 | 12/18 | 13/18 | 14/18 | 15/18 | 16/18 | 17/18 | 18/18 | 19/18 | 20/18 | 21/18 | 22/18 | 23/18 | 24/18 | 25/18 | 26/18 | 27/18 | 28/18 | 29/18 | 30/18 | 31/18 | 1/19 | 2/19 | 3/19 | 4/19 | 5/19 | 6/19 | 7/19 | 8/19 | 9/19 | 10/19 | 11/19 | 12/19 | 13/19 | 14/19 | 15/19 | 16/19 | 17/19 | 18/19 | 19/19 | 20/19 | 21/19 | 22/19 | 23/19 | 24/19 | 25/19 | 26/19 | 27/19 | 28/19 | 29/19 | 30/19 | 31/19 | 1/20 | 2/20 | 3/20 | 4/20 | 5/20 | 6/20 | 7/20 | 8/20 | 9/20 | 10/20 | 11/20 | 12/20 | 13/20 | 14/20 | 15/20 | 16/20 | 17/20 | 18/20 | 19/20 | 20/20 | 21/20 | 22/20 | 23/20 | 24/20 | 25/20 | 26/20 | 27/20 | 28/20 | 29/20 | 30/20 | 31/20 | 1/21 | 2/21 | 3/21 | 4/21 | 5/21 | 6/21 | 7/21 | 8/21 | 9/21 | 10/21 | 11/21 | 12/21 | 13/21 | 14/21 | 15/21 | 16/21 | 17/21 | 18/21 | 19/21 | 20/21 | 21/21 | 22/21 | 23/21 | 24/21 | 25/21 | 26/21 | 27/21 | 28/21 | 29/21 | 30/21 | 31/21 | 1/22 | 2/22 | 3/22 | 4/22 | 5/22 | 6/22 | 7/22 | 8/22 | 9/22 | 10/22 | 11/22 | 12/22 | 13/22 | 14/22 | 15/22 | 16/22 | 17/22 | 18/22 | 19/22 | 20/22 | 21/22 | 22/22 | 23/22 | 24/22 | 25/22 | 26/22 | 27/22 | 28/22 | 29/22 | 30/22 | 31/22 | 1/23 | 2/23 | 3/23 | 4/23 | 5/23 | 6/23 | 7/23 | 8/23 | 9/23 | 10/23 | 11/23 | 12/23 | 13/23 | 14/23 | 15/23 | 16/23 | 17/23 | 18/23 | 19/23 | 20/23 | 21/23 | 22/23 | 23/23 | 24/23 | 25/23 | 26/23 | 27/23 | 28/23 | 29/23 | 30/23 | 31/23 | 1/24 | 2/24 | 3/24 | 4/24 | 5/24 | 6/24 | 7/24 | 8/24 | 9/24 | 10/24 | 11/24 | 12/24 | 13/24 | 14/24 | 15/24 | 16/24 | 17/24 | 18/24 | 19/24 | 20/24 | 21/24 | 22/24 | 23/24 | 24/24 | 25/24 | 26/24 | 27/24 | 28/24 | 29/24 | 30/24 | 31/24 | 1/25 | 2/25 | 3/25 | 4/25 | 5/25 | 6/25 | 7/25 | 8/25 | 9/25 | 10/25 | 11/25 | 12/25 | 13/25 | 14/25 | 15/25 | 16/25 | 17/25 | 18/25 | 19/25 | 20/25 | 21/25 | 22/25 | 23/25 | 24/25 | 25/25 | 26/25 | 27/25 | 28/25 | 29/25 | 30/25 | 31/25 | 1/26 | 2/26 | 3/26 | 4/26 | 5/26 | 6/26 | 7/26 | 8/26 | 9/26 | 10/26 | 11/26 | 12/26 | 13/26 | 14/26 | 15/26 | 16/26 | 17/26 | 18/26 | 19/26 | 20/26 | 21/26 | 22/26 | 23/26 | 24/26 | 25/26 | 26/26 | 27/26 | 28/26 | 29/26 | 30/26 | 31/26 | 1/27 | 2/27 | 3/27 | 4/27 | 5/27 | 6/27 | 7/27 | 8/27 | 9/27 | 10/27 | 11/27 | 12/27 | 13/27 | 14/27 | 15/27 | 16/27 | 17/27 | 18/27 | 19/27 | 20/27 | 21/27 | 22/27 | 23/27 | 24/27 | 25/27 | 26/27 | 27/27 | 28/27 | 29/27 | 30/27 | 31/27 | 1/28 | 2/28 | 3/28 | 4/28 | 5/28 | 6/28 | 7/28 | 8/28 | 9/28 | 10/28 | 11/28 | 12/28 | 13/28 | 14/28 | 15/28 | 16/28 | 17/28 | 18/28 | 19/28 | 20/28 | 21/28 | 22/28 | 23/28 | 24/28 | 25/28 | 26/28 | 27/28 | 28/28 | 29/28 | 30/28 | 31/28 | 1/29 | 2/29 | 3/29 | 4/29 | 5/29 | 6/29 | 7/29 | 8/29 | 9/29 | 10/29 | 11/29 | 12/29 | 13/29 | 14/29 | 15/29 | 16/29 | 17/29 | 18/29 | 19/29 | 20/29 | 21/29 | 22/29 | 23/29 | 24/29 | 25/29 | 26/29 | 27/29 | 28/29 | 29/29 | 30/29 | 31/29 | 1/30 | 2/30 | 3/30 | 4/30 | 5/30 | 6/30 | 7/30 | 8/30 | 9/30 | 10/30 | 11/30 | 12/30 | 13/30 | 14/30 | 15/30 | 16/30 | 17/30 | 18/30 | 19/30 | 20/30 | 21/30 | 22/30 | 23/30 | 24/30 | 25/30 | 26/30 | 27/30 | 28/30 | 29/30 | 30/30 | 31/30 | 1/31 | 2/31 | 3/31 | 4/31 | 5/31 | 6/31 | 7/31 | 8/31 | 9/31 | 10/31 | 11/31 | 12/31 | 13/31 | 14/31 | 15/31 | 16/31 | 17/31 | 18/31 | 19/31 | 20/31 | 21/31 | 22/31 | 23/31 | 24/31 | 25/31 | 26/31 | 27/31 | 28/31 | 29/31 | 30/31 | 31/31 | 1/32 | 2/32 | 3/32 | 4/32 | 5/32 | 6/32 | 7/32 | 8/32 | 9/32 | 10/32 | 11/32 | 12/32 | 13/32 | 14/32 | 15/32 | 16/32 | 17/32 | 18/32 | 19/32 | 20/32 | 21/32 | 22/32 | 23/32 | 24/32 | 25/32 | 26/32 | 27/32 | 28/32 | 29/32 | 30/32 | 31/32 | 1/33 | 2/33 | 3/33 | 4/33 | 5/33 | 6/33 | 7/33 | 8/33 | 9/33 | 10/33 | 11/33 | 12/33 | 13/33 | 14/33 | 15/33 | 16/33 | 17/33 | 18/33 | 19/33 | 20/33 | 21/33 | 22/33 | 23/33 | 24/33 | 25/33 | 26/33 | 27/33 | 28/33 | 29/33 | 30/33 | 31/33 | 1/34 | 2/34 | 3/34 | 4/34 | 5/34 | 6/34 | 7/34 | 8/34 | 9/34 | 10/34 | 11/34 | 12/34 | 13/34 | 14/34 | 15/34 | 16/34 | 17/34 | 18/34 | 19/34 | 20/34 | 21/34 | 22/34 | 23/34 | 24/34 | 25/34 | 26/34 | 27/34 | 28/34 | 29/34 | 30/34 | 31/34 | 1/35 | 2/35 | 3/35 | 4/35 | 5/35 | 6/35 | 7/35 | 8/35 | 9/35 | 10/35 | 11/35 | 12/35 | 13/35 | 14/35 | 15/35 | 16/35 | 17/35 | 18/35 | 19/35 | 20/35 | 21/35 | 22/35 | 23/35 | 24/35 | 25/35 | 26/35 | 27/35 | 28/35 | 29/35 | 30/35 | 31/35 | 1/36 | 2/36 | 3/36 | 4/36 | 5/36 | 6/36 | 7/36 | 8/36 | 9/36 | 10/36 | 11/36 | 12/36 | 13/36 | 14/36 | 15/36 | 16/36 | 17/36 | 18/36 | 19/36 | 20/36 | 21/36 | 22/36 | 23/36 | 24/36 | 25/36 | 26/36 | 27/36 | 28/36 | 29/36 | 30/36 | 31/36 | 1/37 | 2/37 | 3/37 | 4/37 | 5/37 | 6/37 | 7/37 | 8/37 | 9/37 | 10/37 | 11/37 | 12/37 | 13/37 | 14/37 | 15/37 | 16/37 | 17/37 | 18/37 | 19/37 | 20/37 | 21/37 | 22/37 | 23/37 | 24/37 | 25/37 | 26/37 | 27/37 | 28/37 | 29/37 | 30/37 | 31/37 | 1/38 | 2/38 | 3/38 | 4/38 | 5/38 | 6/38 | 7/38 | 8/38 | 9/38 | 10/38 | 11/38 | 12/38 | 13/38 | 14/38 | 15/38 | 16/38 | 17/38 | 18/38 | 19/38 | 20/38 | 21/38 | 22/38 | 23/38 | 24/38 | 25/38 | 26/38 | 27/38 | 28/38 | 29/38 | 30/38 | 31/38 | 1/39 | 2/39 | 3/39 | 4/39 | 5/39 | 6/39 | 7/39 | 8/39 | 9/39 | 10/39 | 11/39 | 12/39 | 13/39 | 14/39 | 15/39 | 16/39 | 17/39 | 18/39 | 19/39 | 20/39 | 21/39 | 22/39 | 23/39 | 24/39 | 25/39 | 26/39 | 27/39 | 28/39 | 29/39 | 30/39 | 31/39 | 1/40 | 2/40 | 3/40 | 4/40 | 5/40 | 6/40 | 7/40 | 8/40 | 9/40 | 10/40 | 11/40 | 12/40 | 13/40 | 14/40 | 15/40 | 16/40 | 17/40 | 18/40 | 19/40 | 20/40 | 21/40 | 22/40 | 23/40 | 24/40 | 25/40 | 26/40 | 27/40 | 28/40 | 29/40 | 30/40 | 31/40 | 1/41 | 2/41 | 3/41 | 4/41 | 5/41 | 6/41 | 7/41 | 8/41 | 9/41 | 10/41 | 11/41 | 12/41 | 13/41 | 14/41 | 15/41 | 16/41 | 17/41 | 18/41 | 19/41 | 20/41 | 21/41 | 22/41 | 23/41 | 24/41 | 25/41 | 26/41 | 27/41 | 28/41 | 29/41 | 30/41 | 31/41 | 1/42 | 2/42 | 3/42 | 4/42 | 5/42 | 6/42 | 7/42 | 8/42 | 9/42 | 10/42 | 11/42 | 12/42 | 13/42 | 14/42 | 15/42 | 16/42 | 17/42 | 18/42 | 19/42 | 20/42 | 21/42 | 22/42 | 23/42 | 24/42 | 25/42 | 26/42 | 27/42 | 28/42 | 29/42 | 30/42 | 31/42 | 1/43 | 2/43 | 3/43 | 4/43 | 5/43 | 6/43 | 7/43 | 8/43 | 9/43 | 10/43 | 11/43 | 12/43 | 13/43 | 14/43 | 15/43 | 16/43 | 17/43 | 18/43 | 19/43 | 20/43 | 21/43 | 22/43 | 23/43 | 24/43 | 25/43 | 26/43 | 27/43 | 28/43 | 29/43 | 30/43 | 31/43 | 1/44 | 2/44 | 3/44 | 4/44 | 5/44 | 6/44 | 7/44 | 8/44 | 9/44 | 10/44 | 11/44 | 12/44 | 13/44 | 14/44 | 15/44 | 16/44 | 17/44 | 18/44 | 19/44 | 20/44 | 21/44 | 22/44 | 23/44 | 24/44 | 25/44 | 26/44 | 27/44 | 28/44 | 29/44 | 30/44 | 31/44 | 1/45 | 2/45 | 3/45 | 4/45 | 5/45 | 6/45 | 7/45 | 8/45 | 9/45 | 10/45 | 11/45 | 12/45 | 13/45 | 14/45 | 15/45 | 16/45 | 17/45 | 18/45 | 19/45 | 20/45 | 21/45 | 22/45 | 23/45 | 24/45 | 25/45 | 26/45 | 27/45 | 28/45 | 29/45 | 30/45 | 31/45 | 1/46 | 2/46 | 3/46 | 4/46 | 5/46 | 6/46 | 7/46 | 8/46 | 9/46 | 10/46 | 11/46 | 12/46 | 13/46 | 14/46 | 15/46 | 16/46 | 17/46 | 18/46 | 19/46 | 20/46 | 21/46 | 22/46 | 23/46 | 24/46 | 25/46 | 26/46 | 27/46 | 28/46 | 29/46 | 30/46 | 31/46 | 1/47 | 2/47 | 3/47 | 4/47 | 5/47 | 6/47 | 7/47 | 8/47 | 9/47 | 10/47 | 11/47 | 12/47 | 13/47 | 14/47 | 15/47 | 16/47 | 17/47 | 18/47 | 19/47 | 20/47 | 21/47 | 22/47 | 23/47 | 24/47 | 25/47 | 26/47 | 27/47 | 28/47 | 29/47 | 30/47 | 31/47 | 1/48 | 2/48 | 3/48 | 4/48 | 5/48 | 6/48 | 7/48 | 8/48 | 9/48 | 10/48 | 11/48 | 12/48 | 13/48 | 14/48 | 15/48 | 16 |
|--------|---------|---------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------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# Certificate

This is to certify that Mr/Miss...ALLU.....  
.....ROSHINI (CBZ)..has successfully completed  
Certificate Course in...WATER ANALYSIS.....  
Conducted by Department of Botany from...26-07-2019.....  
to...14-08-2019.....



*[Signature]*  
Principal



GAYATRI COLLEGE OF SCIENCE & MANAGEMENT (PG)  
(Affiliated to Dr. B. R. Ambedkar University)  
Accredited by NAAC & ISO  
Under the Management of Gurajada Educational Society  
Munasabpetta, Srikakulam-532401

Report of Certificate / Add on Course

|                                                                                                                                                   |     |                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------|--|
| Name of the Certificate / Add on Course                                                                                                           |     | Fermentation process                                                                                            |  |
| Name of Resource Person                                                                                                                           |     | Sri. V. Vijay Saradhi                                                                                           |  |
| Duration of Activity                                                                                                                              |     | 1 hour                                                                                                          |  |
| Class                                                                                                                                             |     | III CBBT                                                                                                        |  |
| Contact Hours/Schedule                                                                                                                            |     | 14 hrs.                                                                                                         |  |
| Aim/Objective:<br>To Aware students about fermentation and importance                                                                             |     |                                                                                                                 |  |
| Learning Outcomes: Fermentation, types, uses in society                                                                                           |     |                                                                                                                 |  |
| Lower Order                                                                                                                                       | 30% |                                                                                                                 |  |
| Higher Order                                                                                                                                      | 70% |                                                                                                                 |  |
| Course Content/Curriculum<br>Introduction<br>Broth media preparation<br>Enzymatic oxidation of leaf constituents<br>Uses of fermentation products |     |                                                                                                                 |  |
| Assessment Procedure<br>• Viva Voice: 100%                                                                                                        |     |                                                                                                                 |  |
| <br>H.O.D.<br>Department of Biotechnology                      |     | <br>PRINCIPAL<br>PRINCIPAL |  |

| .  | H.T.NO.    | Name of the Student     |
|----|------------|-------------------------|
| 1  | 1701035001 | ADAPA NEELOTHPALA       |
| 2  | 1701035003 | ALLU ROSHINI            |
| 3  | 1701035004 | AMUJURU BALA SANTOSHI   |
| 4  | 1701035005 | ARAVALA VANAJAKSHI      |
| 5  | 1701035007 | AVALA DIVYA             |
| 6  | 1701035008 | B. HARSHITHA            |
| 7  | 1701035009 | BAIRI SANDHYA           |
| 8  | 1701035010 | BALAGA DIVYA            |
| 9  | 1701035012 | BIDDIKA THANUJA         |
| 10 | 1701035013 | BODDA CHANDRAMOULI      |
| 11 | 1701035014 | BOLLA ROJA              |
| 12 | 1701035015 | BOLLA YAMUNA            |
| 13 | 1701035016 | BORA RAJENDRA           |
| 14 | 1701035017 | BORA TRIVENI            |
| 15 | 1701035018 | CHALLA SWATHI           |
| 16 | 1701035019 | CHARUSMITA PANDA        |
| 17 | 1701035020 | CHERUKURU JYOTHI RATNAM |
| 18 | 1701035021 | CHINTALA PADMA          |
| 19 | 1701035022 | CHUKKA JYOTSNA          |
| 20 | 1701035023 | DEERGASI RAMANA         |
| 21 | 1701035025 | DUPPALA ROHINI          |
| 22 | 1701035026 | ESAKOTI USHA RANI       |
| 23 | 1701035027 | GEDDA BHARATHI          |
| 24 | 1701035028 | GEDELA GAYATRI          |
| 25 | 1701035029 | GOLIVI SRAVANI          |
|    | 1701035030 | GOLLANGI KAVITHA        |



|    | H.T.NO.    | Name of the Student          |
|----|------------|------------------------------|
| 27 | 1701035031 | GUJURU VENKATA PRAVALLIKA    |
| 28 | 1701035032 | GURUGU DHANALAXMI            |
| 29 | 1701035033 | GURUVALLI PRAMEELA           |
| 30 | 1701035034 | GURUVU ROSHINI               |
| 31 | 1701035035 | JANNADA TEJESWARI            |
| 32 | 1701035036 | KALIYA ANITHA                |
| 33 | 1701035037 | KANCHARI SAI CHAITANYA LAXMI |
| 34 | 1701035038 | KANDAPU SUSHMITHA            |
| 35 | 1701035039 | KANDYANA SOWJANYA            |
| 36 | 1701035040 | KONETI SOWJANYA              |
| 37 | 1701035041 | KORNU SHARMILA               |
| 38 | 1701035042 | KUNCHALA RAMANA              |
| 39 | 1701035043 | KUNUKU SWETHA                |
| 40 | 1701035044 | LINGAM ALEKHYA               |
| 41 | 1701035045 | LOPINTI SRAVANI              |
| 42 | 1701035046 | LUKALAPU GOWTHAM KUMAR       |
| 43 | 1701035048 | MAVUDURI SAI SRUTHI          |
| 44 | 1701035049 | MAVUDURU SRI KAVYA LAXMI     |
| 45 | 1701035050 | MENDA PADMA                  |
| 46 | 1701035051 | MERUGU GIRI                  |
| 47 | 1701035052 | MORLIPETA JAYASRI            |
| 48 | 1701035053 | NAKKA TRIVENI                |
| 49 | 1701035054 | NETHETI KANTHISRI            |
| 50 | 1701035055 | PAIDI POOJITHA               |
| 51 | 1701035056 | PALASETTI BHUVANESWARI       |
| 52 | 1701035058 | POLLA HARIKA                 |
| 53 | 1701035059 | PUJARI KAVITHA               |
| 54 | 1701035060 | RAGHUMANADALA AKANKSHA       |
| 55 | 1701035061 | RALLAPATI BABY RANI          |
| 56 | 1701035062 | REDDI SAI SATYA KEERTHI      |
| 57 | 1701035063 | RONANKI ROJA RANI            |
|    | 1701035064 | SADAGANA HARIKA              |

|    | H.T.NO.    | Name of the Student   |
|----|------------|-----------------------|
| 59 | 1701035065 | SAMPATHI RAO JYOTHSNA |
| 60 | 1701035066 | SANAPALA LAKSHMI      |
| 61 | 1701035067 | SHEIK MADHINA SAHEB   |
| 62 | 1701035069 | SRAVANI PEDADA        |
| 63 | 1701035070 | SRAVANTHI LABARA      |
| 64 | 1701035071 | SURAPATHI MANISHA     |
| 65 | 1701035072 | THOTA JOSHNA          |
| 66 | 1701035073 | UNGATI TEJESWARI      |
| 67 | 1701035074 | V. SUMA SRI           |
| 68 | 1701035075 | VANA SANDHYA          |
| 69 | 1701035076 | VELAMALA GOWTHAMI     |
| 70 | 1701035078 | VOONA PRASANTHI       |
| 71 | 1701035079 | YALLA NAVYA           |
| 72 | 1701035080 | YENDU SRAVANI         |
| 73 | 1701835073 | BODDEPALLI ANEELA     |



**GAYATRI COLLEGE OF SCIENCE & MANAGEMENT**  
(Affiliated to Dr. B R AMBEDKAR UNIVERSITY)

Accredited with by NAAC & ISO

Under the Management of GURAJADA EDUCATIONAL SOCIETY

Munasabpetta, SRIKAKULAM – 532 401

**III B.Sc (CBZ) Student Attendance for Certificate Course in**

**2019 Academic Year 2019-2020**

|    | H.T.NO.    | Name of the Student     | 26/7 | 27/7 | 28/7 | 29/7 | 30/7 | 31/7 | 1/8 | 2/8 | 3/8 | 4/8 | 5/8 | 6/8 | 7/8 | 8/8 | 9/8 | 10/8 | 11/8 | 12/8 | 13/8 | 14/8 |  |  |
|----|------------|-------------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|--|--|
| 1  | 1701035001 | ADAPA NEELOTHPALA       | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 2  | 1701035003 | ALLU ROSHINI            | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 3  | 1701035004 | AMUJURU BALA SANTOSHI   | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | a    | /    |      |      |  |  |
| 4  | 1701035005 | ARAVALA VANAJAKSHI      | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 5  | 1701035007 | AVALA DIVYA             | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 6  | 1701035008 | B. HARSHITHA            | /    | /    | /    | /    | /    | /    | /   | a   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 7  | 1701035009 | BAIRI SANDHYA           | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 8  | 1701035010 | BALAGA DIVYA            | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 9  | 1701035012 | BIDDIKA THANUJA         | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 10 | 1701035013 | BODDA CHANDRAMOULI      | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 11 | 1701035014 | BOLLA ROJA              | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 12 | 1701035015 | BOLLA YAMUNA            | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | a   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 13 | 1701035016 | BORA RAJENDRA           | /    | /    | /    | a    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 14 | 1701035017 | BORA TRIVENI            | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 15 | 1701035018 | CHALLA SWATHI           | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 16 | 1701035019 | CHARUSMITA PANDA        | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 17 | 1701035020 | CHERUKURU JYOTHI RATNAM | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | a   | /    | /    | /    | /    | /    |  |  |
| 18 | 1701035021 | CHINTALA PADMA          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 9  | 1701035022 | CHUKKA JYOTSNA          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 0  | 1701035023 | DEERGASI RAMANA         | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 1  | 1701035025 | DUPPALA ROHINI          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 2  | 1701035026 | ESAKOTI USHA RANI       | /    | a    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 3  | 1701035027 | GEDDA BHARATHI          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 4  | 1701035028 | GEDELA GAYATRI          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
| 25 | 1701035029 | GOLIVI SRAVANI          | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | /    | /    |  |  |
|    | 1701035030 | GOLLANGI KAVITHA        | /    | /    | /    | /    | /    | /    | /   | /   | /   | /   | /   | /   | /   | /   | /   | /    | /    | /    | a    |      |  |  |

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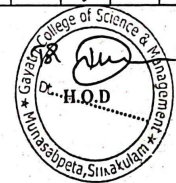


|    | H.T.NO.    | Name of the Student   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 1701035065 | SAMPATHI RAO JYOTHSNA | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 60 | 1701035066 | SANAPALA LAKSHMI      | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 61 | 1701035067 | SHEIK MADHINA SAHEB   | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 62 | 1701035069 | SRAVANI PEDADA        | / | a | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 63 | 1701035070 | SRAVANTHI LABARA      | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 64 | 1701035071 | SURAPATHI MANISHA     | / | / | / | / | / | / | / | / | a | / | / | / | / | / | / | / |
| 65 | 1701035072 | THOTA JOSHNA          | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 66 | 1701035073 | UNGATI TEJESWARI      | / | / | / | / | / | / | a | / | / | / | / | / | / | / | / | / |
| 67 | 1701035074 | V. SUMA SRI           | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 68 | 1701035075 | VANA SANDHYA          | / | / | / | / | / | / | / | / | / | a | / | / | / | / | / | / |
| 69 | 1701035076 | VELAMALA GOWTHAMI     | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 70 | 1701035078 | VOONA PRASANTHI       | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 71 | 1701035079 | YALLA NAVYA           | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 72 | 1701035080 | YENDU SRAVANI         | / | a | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| 73 | 1701835073 | BODDEPALLI ANEELA     | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |

*M. S. Jayaraman*  
Lecturer Incharge

*B. S. S. S.*

PRINCIPAL  
Gayatri College of Science & Management  
Monasampeta-Srikakulam-532 401









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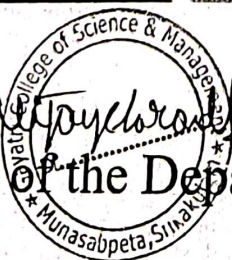
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Munasabpetta, Srikakulam-532401

# Certificate

This is to certify that Mr/Miss.....INTI.....  
.....KEERTHI (CBBT)...has successfully completed  
Certificate Course in....FERMENTATION...PROCESS...  
Conducted by Department of Biotechnology  
from.26-07-2019.to.....14-08-2019

V. V. Jayachandran  
Head of the Department



S. Subashini  
Principal

PRINCIPAL  
Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532401



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Munasabpetta, SRIKAKULAM - 532 401

Certificate Course Students List

Course : Basic Electronics

| Sl.No | H.T.No.    | Name of the Candidate                | Signature          |
|-------|------------|--------------------------------------|--------------------|
| 1     | 1901040001 | ALAJANGI TARAKESWARA RAO             | Tarakeswarar.      |
| 2     | 1901040002 | ARAVELLI PRADEEP                     | A. Pradeep         |
| 3     | 1901040003 | ARUGULA PRENA                        | Prena.             |
| 4     | 1901040004 | BANNA LEELARANI                      | Leelarani          |
| 5     | 1901040005 | BASWA AKASH                          | Akash              |
| 6     | 1901040006 | BHASMANGAM LAKSHMI RAJESWARI         | Lakshmi Rajeswari  |
| 7     | 1901040007 | BUTADA LYDIA SUSAN                   | Susan.             |
| 8     | 1901040008 | CHINTHA SOWMYA BHUVANESWARI          | Sowmya Bhuvanawari |
| 9     | 1901040009 | DEVARAKONDA PUSHPALATHA              | Pushpalatha        |
| 10    | 1901040010 | GANALA JYOTHIRMANI                   | Jyothirmani        |
| 11    | 1901040011 | GANGARAPU SUMA                       | Suma               |
| 12    | 1901040012 | GANIREDDI DILEEP                     | Dileep             |
| 13    | 1901040013 | GUJJALA SRAVANI                      | Sravani            |
| 14    | 1901040014 | GUNNA VINAYKUMAR                     | Vinay Kumar        |
| 15    | 1901040015 | GURUGUBELLI SIVA SAI                 | Siva Sai           |
| 16    | 1901040016 | JADHAV ANIKETH                       | Aniket             |
| 17    | 1901040017 | JALLU SAI VENKATA TEJA               | Sai Venkata Teja   |
| 18    | 1901040018 | JAMI SWAPNA                          | Swapna             |
| 19    | 1901040019 | JAMI VAMSI KRISHNA                   | Vamsi Krishnare    |
| 20    | 1901040020 | JAYASHRI VATTIKULLA                  | Jayashri           |
| 21    | 1901040021 | KALIVARAPU DHARANI                   | Dharani            |
| 22    | 1901040022 | KAVITI SAIKUMAR                      | Sai Kumar          |
| 23    | 1901040023 | KINJARAPU DURGA PRASAD               | Durga Prasad       |
| 24    | 1901040024 | KINTHALI YASWANTH KUMAR              | Yaswanth Kumar     |
| 25    | 1901040025 | KOLA CHAITANYA                       | Chaitanya          |
| 26    | 1901040026 | KOMMANA LIKHITHA                     | Likhitha           |
| 27    | 1901040027 | KUPPILI LALITHA                      | Lalitha            |
| 28    | 1901040028 | LIKHITHA BAGGU                       | Likhitha Baggu     |
| 29    | 1901040029 | MAHAPATRO ANJALI                     | Anjali             |
| 30    | 1901040030 | MANIPATRUNI DEVIKA                   | M. Devika.         |
| 31    | 1901040031 | MANTHAPUDI SUSHMA                    | M. Sushma          |
| 32    | 1901040032 | MARPU RAKESH                         | Rakesh             |
| 33    | 1901040033 | MAVUDURU KAMESWARA SAI KATHYAINI     | Sai Kathyaini      |
| 34    | 1901040034 | MENDA PRAVEEN                        | Praveen            |
| 35    | 1901040035 | METTA NIKHIL KUMAR                   | Nikhil             |
| 36    | 1901040036 | MUDDADA AVINASH                      | Avinash            |
| 37    | 1901040037 | MUDDADA SHIVA SAI                    | Shiva Sai          |
| 38    | 1901040038 | MUNAGAVALASA DATTA SAI MANI ANAGHESH | S. M. Anaghes      |



| Sl.No | H.T.No.    | Name of the Candidate            | Signature         |
|-------|------------|----------------------------------|-------------------|
| 39    | 1901040039 | MURARI VENKATA SANTOSHI SRAVANI  | S. Pravani        |
| 40    | 1901040040 | N PAVANI                         | N. Pavani         |
| 41    | 1901040041 | PADALALU BHARGAVI                | P. Bhargavi       |
| 42    | 1901040042 | PEDALAPU SAI PRAVEEN             | S. Praveen P      |
| 43    | 1901040043 | PODUGU VENKATA GIREESH KUMAR     | G. Gireesh Kumar  |
| 44    | 1901040044 | POTNURU PARAMESWARARAO           | P. Parameswararao |
| 45    | 1901040045 | RAKOTI VENKATSAI                 | R. Venkata Sai    |
| 46    | 1901040046 | SANA SRUTHI                      | S. Sruthi         |
| 47    | 1901040047 | SANAPALA KEERTHIKA               | S. Keerthika      |
| 48    | 1901040048 | SANAPALA UMA MAHESWARA RAO       | U. Maheswar Rao   |
| 49    | 1901040049 | SARVASETTI SRINIVAS              | S. Srinivas       |
| 50    | 1901040050 | SASUMAHANATHU NAVYASREE          | N. Navyasree      |
| 51    | 1901040051 | SATTARU SHIV SHANKAR RAO         | S. Shankar Rao    |
| 52    | 1901040052 | SRIJA POTNURU                    | S. Srija          |
| 53    | 1901040053 | SURANGI SAIKIRAN                 | S. Saikiran       |
| 54    | 1901040054 | SYLADA MURALIL KRISHNA           | S. Murali Krishna |
| 55    | 1901040055 | TANGUDU YASWANTH                 | T. Yaswanth       |
| 56    | 1901040056 | TATA KAMESWARI ANNAPURNA MEGHANA | K. P. Meghana     |
| 57    | 1901040057 | UPADHYAYULA UMA VAISHNAVI        | U. Vaishnavi      |
| 58    | 1901040058 | URITI SAI DINESH                 | S. Sai Dinesh     |
| 59    | 1901040059 | VASAPALLI YAMINI                 | V. Yamini         |
| 60    | 1901040060 | VEERAMSETTI DEVA KUMAR           | V. Deva           |



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Munashipeta, Srikakulam-532402

## Certificate

This is to certify that Mr/Miss...M. S. S. H. M. A......  
.....I. M. E. 4......has successfully completed  
Certificate Course in....Basic Electronics.....  
Conducted by Department of Electronics from...29/7/2019  
to...19/8/2019



Principal

(Dr. P. R. RAO)

Gayatri College of Science & Management  
Munashipeta, Srikakulam-532402





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## Certificate

This is to certify that Mr/Miss...A: P. R. N. A.....  
.....I. M. E. G.....has successfully completed  
Certificate Course in...Basic Electronics Course.....  
Conducted by Department of Electronics from 29/7/2019  
to 17/8/2019



  
Principal  
(Dr. P. SRINIVAS RAO)  
PRINCIPAL

Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532401





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# Certificate

This is to certify that Mr/Miss..D.: PUSPALATHA  
.....IMEG.....has successfully completed  
Certificate Course in....Basic Electronics.....  
Conducted by Department of Electronics from 29/7/2019  
to...17/8/2019



  
Principal

(Dr. P. SRINIVAS RAO)  
PRINCIPAL

Gayatri College of Science & Management  
Munasabpetta-Srikakulam-532401