

Publication Details Journals/Conference/Book/Book chapters /patents etc

| Publication Details | | | | | | | | | | |
|---------------------|----------|------------|-------|------------------|---------------|--------------------|---------|--------------|---------------|--|
| Year | Journals | Conference | Books | Invited lectures | FDP organized | Projects submitted | Patents | Patent Grant | Book Chapters | Seminars/workshops /guest lectures organized |
| 2018-19 | 2 | - | - | 1 | 1 | | - | | | 5 |
| 2019-20 | 6 | - | - | | 1 | | - | | | 5 |
| 2020-21 | 09 | 19 | - | | 1 | | 2 | | 3 | 5 |
| 2021-22 | 03 | | | 2 | 1 | 01 | 3 | 1 | | 1 |
| 2022-23 | 06 | | 3 | | 2 | | | | | 2 |

Academic Year 2021-2022 Conferences, Seminars, and Workshops – Organized

| S. No. | Type of Event | Title of Event | Name of the Coordinator | Resource Person Details | Date/s of the event | No. of Participants |
|--------|---------------|---|---|---|---------------------|---------------------|
| 1 | Seminar | Seminar on Industrial automation with VFD | Mr.K.Ravi kumar Asst professor EEE,ACET | K Sivarama Reddy Assistant Manager Schneider Electric India Ltd (L&T) | 10-07-2022 | 25 |

Academic Year 2020-2021 Conferences, Seminars, and Workshops – Organized

| S. No. | Type of Event | Title of Event | Name of the Coordinator | Resource Person Details | Date/s of the event | No. of Participants |
|--------|---------------|--|-------------------------|---|---|---------------------|
| 1 | Seminar | Session on Prototype validation –converting prototype into Startup | Abhisekh Anand | Dr.B.Rajani, Associate Professor, EEE, ACET | 15 th july 2021 | 113 |
| 2 | Webinar | Prototype design and development | Dr. B. Rajani | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering | 7 th -8 th December | 75 |

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|---|----------|---|------------------------|---|----------------------------|----|
| | | | | and Technology,Chittoor | 2020 | |
| 3 | Seminar | Latest Technology in Wind power | Dr. B. Rajani | Dr.P.Hema chandu, HOD EEE SITE, Tadepalligudam | 05 th june-2020 | 25 |
| 4 | Seminar | Emerging Opportunities In EV | Mr.RajeshMurari | Dr.E.Aswani, Professor, EEE SITE, Tadepalligudam | 17-08-2020 | 30 |
| 5 | Seminar | Dynamic Wireless charging System for EV | Mr. Rajesh Murari | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology, Chittoor | 5/10/2020 | 30 |
| 6 | Seminar | Recent Trends in Solar power | Dr. K. R. K. V. Prasad | S. V. Mahesh Babu, DEE, 220KV substation, Renigunta,Chittoor | 16-02-2021 | 30 |
| 7 | workshop | Engineering Exploration Project | Dr.B.Rajani | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology,Chittoor | 13-11-2020 to | 30 |

Academic Year 2019-20 Conferences, Seminars, and Workshops – Organized

| S. No. | Type of Event | Title of Event | Name of the Coordinator | Resource Person Details | Date/s of the event | No. of Participants |
|--------|---------------|---|-------------------------|---|--------------------------------|---------------------|
| 1 | Seminar | Substation & power grid | Dr.B.Rajani | S.V.Mahesh Babu, DEE 220KV Substation, Renigunta, Chittoor | 25 th Sept. 2019 | 82 |
| 2 | Seminar | Optimized Controller Gains using Optimization Algorithm for Grid-Tied Solar Power Generation with Improved Dynamics and Power Quality | Dr.K.R.K.V.Prasad | Dr.P.Hema Chandu, HOD EEE SITE, Tadepalligudam | 05 th July 2019 | 40 |

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|---|----------|---|-------------------|--|---|----|
| 3 | Seminar | Hybrid Motorcycle | Dr.B.Rajani | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology, Chittoor | 19-09-2019 | 30 |
| 4 | Seminar | MOODLE- Learning Management System | Dr.K.R.K.V.Prasad | Dr.P.Hema Chandu, HOD EEE SITE, Tadepalligudam | 5 th &6 th sep2019 | 35 |
| 5 | Seminar | Tools for Scientific Communication and Effective Teaching | Dr.B.Rajani | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology, Chittoor | 05 th feb2020 | 40 |
| 6 | workshop | Solar powered Electric Vehicle Design using MATLAB/Simulink | Dr.B.Rajani | Dr. S. Farook, Associate Professor, EEE, SreeVidyanikethan, Tirupati | 09-03-2020 to | 35 |

Academic Year 2018-19 Conferences, Seminars, and Workshops – Organized

| S. No. | Type of Event | Title of Event | Name of the Coordinator | Resource Person Details | Date/s of the event | No. of Participants |
|--------|---------------|--|-------------------------|--|---------------------|---------------------|
| 1 | Seminar | Electrical Fires & Preventive Measures | Mr.RajeshMurari | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology, Chittoor | 15-06-2018 | 30 |
| 2 | Seminar | Applied Research in Electric Vehicle Technologies | Dr.K.R.K.V.Prasad | Dr. P. Hema Chandu, HOD EEE SITE, Tadepalligudam | 23-07-2018 | 50 |
| 3 | Seminar | Machine Learning & it's Applications in Electrical Engineering | Mr.RajeshMurari | Dr. S. Farook, Associate Professor, EEE, SreeVidyanikethan Engineering College, Tirupati | 11/9/2018 | 45 |
| 4 | Seminar | Multilevel Inverters and Modulation Techniques | Dr.K.R.K.V.Prasad | Dr. P. Hema Chandu, HOD EEE SITE, Tadepalligudam | 20-12-2018 | 25 |

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|---|----------|--|---------------|--|----------------------------|----|
| 5 | Workshop | Power Electronic Converters Simulation Using MATLAB/Simulink | K Varalakshmi | Dr D. Chandra Sekhar, HOD EEE VEMU Institute of Engineering and Technology, Chittoor | 04-2-2019 to 09-02-2019 | 45 |
|---|----------|--|---------------|--|----------------------------|----|

Faculty Development Programme (FDP) - Organized

| S.No. | Name of the FDP | Name of the Faculty Coordinator | Dates/Duration | Resource Person Details | No. of Participants |
|-------|--|---------------------------------|--------------------------|---|---------------------|
| 1. | FDP on Recent advancements and Research Opportunities in Energy Sector | Mr. V.RamaKrishna | 29-11-2021 to 3-12-2021 | Dr.Sri Niwas Singh, Professor, Dept Of EEE IIT KANPUR Dr.Amitava Datta, Proffesor, Dept Of Power Engineering ,Jadvapur University, Kolkata Dr.D.M.Vinod Kumar, Dept OF EEE ,Proffesor, NIT Warangal | 25 |
| 2 | Power Electronics and Power Systems using PSIM & CYME | Dr.K.R.K.V.Prasad | 7-05-2018 to 11-05-2018 | Dr.K.R.Vadivelu, Professor, Ramachandra College of Engineering, Vatluru, Eluru, AP | 45 |
| 3 | Power Electronic Converters for Electrical vehicle and Renewable Energy Applications | Mr.RajeshMurari | 12-11-2018 to 17-11-2018 | Dr. S. Farook, Associate Professor, EEE, SreeVidyanikethan Engineering College, Tirupati | 50 |
| 4 | Advances in Computational techniques for Electrical Systems | K. Varalakshmi | 24-6-2019 to 28-6-2019 | Dr. N. M. G. Kumar, Professor EEE, SreeVidyanikethan, Engineering College, Tirupati | 45 |
| 5 | RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING | R.Srinivas | 20-07-2020 to 24-07-2020 | S.V.Mahesh Babu, DEE 220KV Substation, Renigunta, Chittoor | 45 |

Academic Year 2021-22 Faculty Awards

| S. No. | Name of the Faculty | Name of the Fellowship | Date of Award | Awarded by | International/National/ State/ University Level |
|--------|---------------------|------------------------|---------------|------------|---|
|--------|---------------------|------------------------|---------------|------------|---|

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|---|------------|--|------------|-------|----------|
| 1 | R.Srinivas | NPTEL as “Active SPOC based on Performance & Participation of Candidates | April 2022 | NPTEL | National |
|---|------------|--|------------|-------|----------|

Academic Year 2018-19 Faculty Awards

| S. No. | Name of the Faculty | Name of the Fellowship | Date of Award | Awarded by | International/National/ State/ University Level |
|--------|---------------------|--|---------------|------------|---|
| 1 | R.Srinivas | NPTEL as “Active SPOC based on Performance & Participation of Candidates | April 2019 | NPTEL | National |

Academic Year 2021-22

Member of External Bodies/Agencies

(Like member in ED (Journals) / BoS / GB/ EC of Prof. Society etc.)

| Sl. No. | Name of the Faculty | Name of the external body/ Agency | Position | Duration / Tenure |
|---------|---------------------|---|------------------|---|
| 1 | Dr.B.Rajani | IJERT journal | Reviewer | 2021 |
| 2 | Dr.B.Rajani | ASIANCON | Session chair | 28 th -29 th Aug 2021 |
| 3 | Dr.B.Rajani | SMART GENCON | Reviewer | 29 th -30 th October |
| 4 | Dr.B.Rajani | (TEMSMET) 2021 IEEE Conference Number: #5351 | Reviewer | Dec 1st – 3rd |
| 5 | Dr.B.Rajani | IFERP MEMBERSHIP | LIFE TIME MEMBER | 28-07-2021 to 31-12-2021 |
| 6 | Dr.B.Rajani | Panel of Expert for conducting of Asst.professor Ratification | Expert | 07.03.2022 |

Academic Year 2019-20

Member of External Bodies/Agencies

(Like member in ED (Journals) / BoS / GB/ EC of Prof. Society etc.)

| Sl. No. | Name of the Faculty | Name of the external body/ Agency | Position | Duration / Tenure |
|---------|---------------------|-----------------------------------|---|---|
| 1 | Dr. B. Rajani | Committee Member in ICEATE-2020 | Rewarding as technical committee member | 22 nd 23 rd May2020 |
| 5 | Mr. R. Srinivas | Governing body member | Member | For AY 2019-20 |

Book s Published-3

1.Dr.Boddepalli Rajani, Professor ,Department of electrical and Electronics Engineering ,Aditya college of Engineering and Technology has published a Book with Title “Advanced computer Architecture”in the year 2023.with ISBN :978-81-962669-0-5

2. Dr.Boddepalli Rajani, Professor ,Department of electrical and Electronics Engineering ,Aditya college of Engineering and Technology has published a Book with Title “Electromagnetic Fields-Theory and Practices ”in the year 2023.with ISBN :978-81-962669-94-3

3. Dr.Boddepalli Rajani, Professor ,Department of electrical and Electronics Engineering ,Aditya college of Engineering and Technology has published a Book with Title “ Switchgear and Protection - Basics ”in the year 2023.Isbn number 978-81-96303-37-2.

Academic Year 2021-22

INVITED LECTURES

| S No. | Name of the faculty | Name of the event | Name of the topic addressed/ delivered | Date | Invited Organization/ institute |
|-------|---------------------|-------------------|--|--------------------------|---|
| 1. | Dr. K R K V Prasad | Guest Lecture on | Design of Electrical and electronics circuits using matlab Applications” | 8 th Nov 2021 | BABA Institute of Technology and science |
| 2 | Mrs.K.Vara Lakshmi | Guest Lecture On | Applications of PowerElectronics | July6 th 2021 | Andhra Loyola College (Autonomous) Vijayawada |

Academic Year 2018-19

INVITED LECTURES

(Our faculty invited to other institutions for guest lecture/seminar/workshop/conference/etc as resource person)

| S No. | Name of the faculty | Name of the event | Name of the topic addressed/ delivered | Date | Invited Organization/ institute |
|-------|---------------------|-------------------|--|-----------------------------|---------------------------------|
| 1 | K R K V Prasad | Guest Lecture On | Fundamentals of electrical machines | August 4 th 2018 | KIET College of Engineering |

Ph.D. awarded during the assessment period while working in the institute

| S. No. | Name of the Faculty | Title of the Ph.D. topic | Name of the University | Name of the Guide | Date of Enrollment | Date of award |
|--------|-----------------------|---|------------------------|-------------------|--------------------|---------------|
| 1 | Dr.K. R. K. V. Prasad | Multi-Objective approach for optimal placement of Distributed Generators allocation in distribution network | JNTUK Kakinada | Dr.K.Ravindra | 13/11/2013 | 26/08/2021 |

Faculty Pursuing PhD

| S. No. | Name of the Faculty | Title of the Ph. D topic | Name of the University | Name of the Guide | Date of Enrollment | Date of Award |
|--------|---------------------|--|------------------------|----------------------|--------------------|---------------|
| 1 | Mrs. K. Varalakshmi | Multi-level converters | JNTUK | Dr. G.TulasiRam Das | Oct-12 | Pursing |
| 2 | Mr. Rajesh Murari | Optimal allocation of DG and CPD in Distribution Network | JNTUK | Dr. R. Srinivasa Rao | Oct-12 | Pursing |

2021-22

| Sl. No. | Name of the Faculty | Title of the Ph.D topic | Name of the University | Name of the Guide | Date of Enrollment | Date of Award |
|---------|---------------------|-------------------------|------------------------|-------------------|--------------------|---------------|
| 1 | V.Rama krishna | Power systems | JNTUK Kakinada | Dr.T.Murali Mohan | 2-02- 2022 | |

2022-23

ADITYA

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi • Permanently Affiliated to JNTUK, Kakinada

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| Sl. No. | Name of the Faculty | Title of the Ph.D topic | Name of the University | Name of the Guide | Date of Enrollment | Date of Award |
|---------|---------------------------|-------------------------|------------------------|---------------------------|--------------------|---------------|
| 1 | R.Srinivas | Electrical Machines | Andhra University | Dr.T.Srinivasa Rao | 27-01- 2023 | |
| 2. | V.U.P. Lavanya | Power Electronics | Andhra University | Dr.Joshua Arubankan | 27-01- 2023 | |
| 3. | K.Venka teswara Rao | Control systems | Andhra University | Dr. Amarendra Reddy | 27-01- 2023 | |


Head of the Department


Principal