

Hearty Welcome to **NAAC - PEER Team**

Department of Electrical and
Electronics Engineering

EEE Team

Miracle Educational Society



**Miracle Educational Society
Group of Institutions**

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



Department Profile

- The Department of EEE was established in the year 2009 with an intake of 60 students, with a clear vision to contribute its bit in the national effort of providing quality Electrical Engineers in the service of mankind
- Starting from the modest beginning the department has grown from strength to strength to become a versatile entity
- This has become possible because of the perseverance, sincerity, and dedication exhibited by our staff and students
- The department has well qualified, experienced teaching faculty and supporting faculty to impart knowledge and skills In the department there are 12 teaching staffs and 1 supporting staff
- The Department has been playing a pioneering role in producing world-class Technocrats The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate





Department **Vision** and **Mission**

Vision

- To nurture young and fresh minds into disciplined and globally competent Technocrats with ethical values to excel in the arena of Electrical and Electronics Engineering leading to the sustainable development of society

Mission

- To produce qualified engineers with Technical knowledge and innovative skills to cater to the dynamic requirements in the field of Electrical and Electronics Engineering
- To provide state-of-the-art resources that contribute to achieving excellence in teaching-learning, research, and development activities
- To produce graduates with leadership and Entrepreneurship qualities
- To maximize industry exposure to the students through short-term training in power plants as well as field visits, hands-on exposure to the industry
- Ensure that our students are well trained in interpersonal skills, teamwork, professional ethics, environmental awareness and participate in professional society activities



Strengths of the Department

- The Department of EEE has well qualified and dedicated faculty
- All the laboratories are as per the curriculum and are established on par with state-of-the-art Technology
- Excellent central library including separate department library and computing, Internet facilities are available
- Mechanism is available for direct mentoring of students by faculty, interacting with students, and directing them to upgrade their skills
- The department is enriched with well qualified & experienced faculty from both Industries and Academia
- The Department has a good placement and academic record
- The Department organizes Soft Skills and Technical Skill development programs for students in coordination with T&P Cell
- Department organizes GATE classes
- The Department provides collaborative interaction of students with Industry Experts
- The department arranges expert lecture by the eminent personalities
- Teaching and learning process is strengthened with regular feedback, both oral and written, from students
- Besides periodical tests, well-designed assignments, regular tutorial and remedial classes are arranged, whenever it is required



Department Annual Plan | AY 2019-20 | SEM

S.No	Event	Date and Month
1	Commencement of class work - II, III & IV years	10/6/2019
2	I unit of instructions- II, III & IV years	10-06-2019 to 03-08-2019
3	Guest lectures	I week of august
4	I mid examinations - II, III & IV years	05-08-2019 to 10-08-2019
5	II unit of instructions II, III & IV years	12-08-2019 to 05-10-2019
6	Industrial visit	IV week of August
7	Seminar and workshop	II week of September
8	II mid examinations - II, III & IV years	07-10-2019 to 12-10-2019
9	Preparation and practical's-II, III & IV years	14-10-2019 to 19-10-2019
10	End examinations II, III & IV years	21-10-2019 to 02-11-2019



Department Annual Plan | AY 2019-20 II SEM

S.No	Event	Date and month
1	Commencement of class work - II, III & IV years	18-11-2019
2	I Unit of instructions- II, III & IV years	18-11-2019 to 11-01-2019
3	Parent meeting	I Week of December
4	Guest lectures	Last week of December
5	I Mid examinations - II, III & IV years	13-01-2020 to 23-01-2020
6	II Unit of instructions II, III & IV years	24-01-2020 to 21-03-2020
7	Seminar	First week of February
8	Guest lectures	Third week of February
9	Seminar	First week of March
10	Workshop	Last week of March
11	II Mid examinations - II, III & IV years	23-03-2020 to 28-03-2020
12	Preparation and practical's-ii, III & IV years	30-03-2020 to 04-04-2020
13	End examinations II, III & IV years	06-04-2020 to 18-04-2020



Faculty





Faculty Details

S.No	Name of the Faculty	Designation	Qualification
1	Dr	Professor	PhD
2	Dr. BVV Ramana Guptaji	Associate Professor	MTech, (PhD)
3	Mrs. K Praveena	Associate Professor	MTech, (PhD)
4	Mr. B Muralidhar	Associate Professor	MTech, (PhD)
5	Mr. G Amrnadh	Associate Professor	MTech, (PhD)
6	Mr. R Srinivasa Rao	Assistant Professor	MTech
7	Mrs. R Bhavani	Assistant Professor	MTech
8	Mrs. D Sudhamsha	Assistant Professor	MTech
9	Mr. V L S S Phani Reddy	Assistant Professor	MTech
10		Assistant Professor	MTech
11		Assistant Professor	MTech
12	Mr. Chakradhar	Assistant Professor	BTech
13	Mr. P Chinna	Lab Technician	ITI, Diploma



Staff Details

S.No	Designation	No. of Faculties
1	Professors	1
2	Associate Professors	4
3	Assistant Professors	6
4	Lecturer	1
5	Lab Technicians	1



Long Term Goals

- To establish a state-of-the-art research facilities in the department

- To become a globally recognized center of excellence in fields of Electrical Engineering, Technology, and research

- To establish an Innovation Centre to promote new ideas and create innovative products
- To encourage faculty to take up at least one R & D and consultancy works



Short Term Goals

- Improving overall pass-percentage in academics
- To use modern Techniques in the teaching and learning process

- To encourage the students to take up industry-specific projects
- To modernize all the laboratories

- To establish IAEMP, IE, and ISRD student chapters
- Setting up of Consultancy cell on Renewable Energy
- Inculcating moral values and enhancing innovative skills



Commitment

The Head of the Department encourages Faculty, Staff, and Students to improve the quality of their work at a steady pace in the stipulated direction to achieve both long-range and short-range goals.

NOTE

- “Whenever you want to achieve something, keep your eyes open, concentrate and make sure you know exactly what you want. No one can hit their target with their eyes closed”
- “Reach high, for stars lie hidden in you Dream deep, for every dream precedes the goal”



Decentralisation and Delegation

HOD in consultation with the Faculty forms various committees appoint In-charges for the performance of various specific activities for the overall development of the Department



Transparency

Policy decisions, Development activities, Budget proposals, and Load allotment are made during the meetings conducted with the Faculty

Performance appraisal of Faculty and Staff is shown to them



Attitude and Commitment

It is measured on the following parameters

- Punctuality
- Sticking to the lesson plan
- Effectiveness of teaching
- Conducting laboratory experiments with commitment
- Involvement in administrative works
- Commitment in the additional duties
- Evaluation of papers
- Effort to grow professionally



Physical Resources

- The institution provides 24/7 wi-fi with high speed (60 Mbps)
- Adequate potable drinking water facility is available for students, staff and faculty at all common points
- First aid kits are made available in the laboratories and department
- Fire extinguishers are provided at suspected points
- Intercom and LAN are made available
- Stand alone desktop computers are provided for faculty and department



Retention of the Faculty in the Department

S.No	Name of the Faculty	Designation	Experience
1	Mrs. K Praveena	MTech, (PhD)	11 years
2	Mr. B Muralidhar	MTech, (PhD)	11 years
3	Dr. BVV Ramana Guptaji	MTech, (PhD)	8years
4	Mrs. R Bhavani	MTech	4years
5	Mrs. D Sudhamsha	MTech	2years



Workload

- Out of 48 clock hours a week 22 hours are meant for Teaching/Contact
- The remaining hours are allotted to
 - Administration
 - Research
 - Co-curricular activities



Conferences Attended by Faculty

Conferences/Workshops/Seminars/FDP attended by faculty

S.No	Name of the Faculty	2017-2018	2018-2019	2019-2020
1	Dr. BVV Ramana Guptaji	1	1	2
2	Mrs. K Praveena	4	3	20
3	Mr. B Muralidhar	1	1	15
4	Mr. G Amrnadh	1	2	14
5	Mr. R Srinivasa Rao	1	1	2
6	Mrs. R Bhavani	1	3	15
7	Mrs. D Sudhamsha	1	1	16
8	Mr. V L S S Phani Reddy			12



Performance Appraisal

- Teaching
 - Feedback - 20%
 - Results - 50%
- Administration
 - Principal - 15%
 - Head of the department - 10%
- Faculty publications - 5%

On the above basis best teacher award will be announced



Best Teacher Award

S. No	Name of the Faculty	Year
1	Dr. BVV Ramana Guptaji	2015-2016
2	Mrs. D Sudhamsha	2016-2017
3	Mrs. K Praveena	2017-2018
4	Mrs. R Bhavani	2018-2019



Teaching Methodologies

Chalk and Talk

Guest Lectures

GATE Classes

Seminars

Assignments

Projects

Industrial Visits

NPTEL Videos

MOOCS

CRT

Video Demonstrations



Faculty Academic Activities

Teaching and learning process

- Remedial classes
- ICT based teaching and learning
- Organizing seminars, workshops and skill development programs
- Student feedback system on academic and non-academic reforms

Training and placements

- Training on specialized soft skills & professional skills during vacations for improving employability
- Arranging guest lectures by inviting people from industry for improving placements
- Guest lectures by eminent people from reputed institutes

Personality development

- Social service through NSS
- Organizing social awareness programs (eg. Vaccination for children, blood donation camps etc.)
- Conducting activities concerning spirituality (eg. Yoga, meditation, art of living etc.)



Faculty Academic Activities

Research and Development

- Knowledge sharing through regular seminars on research topics
- Conducting workshops, seminars and guest lectures regularly on thematic areas
- Research paper publications

Industry Institute Interaction

- MOUs with reputed companies to train faculty and students on latest technologies and tools
- Dedicated entrepreneur development cell for motivating the students towards entrepreneurship
- Encouraging students to take internship



Infrastructure Facilities

S.No	Type of Room	Number of Rooms
1	Laboratories	08
2	Classrooms	04
3	Departmental library	1
4	Faculty Cabins	08
5	HOD Room	1

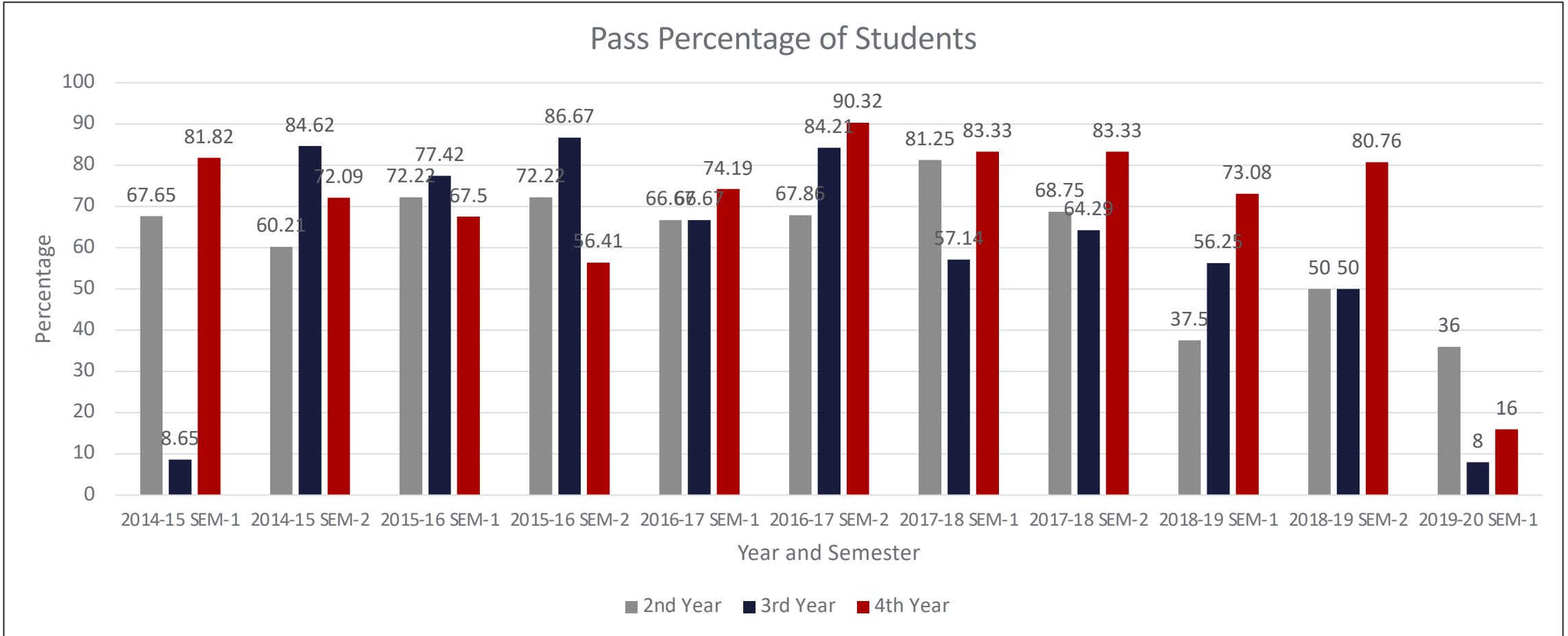


Admission Details

S.No	A.Y	Actual Intake	Admitted Intake
1	2015-16	60	26
2	2016-17	60	16
3	2017-18	60	08
4	2018-19	60	36
5	2019-20	60	04



Result Analysis





Academic Toppers

S.No	HT. No.	Name	Percentage	Year
1	096C1A0213	Chirravuri Ganapathi Teja	79.89%	2013
2	106C1A0201	Swain Amith Kumar	74.54%	2014
3	116C1A0213	Sadasivuni Durga	86.14%	2015
4	126C1A0212	Leela Sankar Prasad Asuru	84.12%	2016
5	136C1A0213	Gullapati Amar Babu Rao	85.89%	2017
6	146C1A0206	Padullaparti Satya Gowri Priya	88.29%	2018
7	156C1A0202	Jana Premavathi	82.14%	2019
8	166C5A0201	Chelluri Ravi Kiran	76%	2020



Staff Publications

S.No.	Academic Year	Total No. of National-International Journals and Conferences
1	2015-16	1
2	2016-17	3
3	2017-18	2
4	2018-19	1



Laboratories

Electrical Machines AC and DC



Electrical Measurements



Power Electronics



Power Systems Lab



Electrical Circuits



Generator Room



Control Systems





Learning Resources

Department library

Course	Category
UG	Volumes
	E library

The department is equipped with digital library facility where students can access different e-journals and online resources through DELNET, NDL, NPTEL-SWAYAM, JOURNALTOCS and SHODHGANGA.



Internships

S.No	Academic Year	No. of Students Opted for Internship
1	2014-15	14
2	2015-16	9
3.	2016-17	15
4.	2017-18	14



Placements

- Some of our students are working in MSS, Amazon, Syntel, TCS, Reliance, etc
- Four of our students got selected for REPCO and Punjab National Bank through IBPS
- Some of our students are doing MS in reupdated universities abroad
- Some of our students are doing MTech in AU, GITAM, etc



Selected Candidates

MRCL

2010-2014 Batch Selected for MSS

EEE



AMITH KUMAR SWAIN
Reg. No. 106C1A0201



N. SRIHARI
Reg. No. 106C1A0222



P.MANOJ
Reg. No. 106C1A0230



P.CHAKRADAR
Reg. No. 106C1A0233



R.SIREESHA
Reg. No. 106C1A0234

11/05/17



Selected Candidates

MRCL

BBE

2010-2014 Batch Selected for Syntel



S. PRIYANKA
Reg. No. 106C1A0238



D.SUDHAMSHA
Reg. No. 106C1A0206



P.SAILAJA
Reg. No. 106C1A0228



P.CHAKRADAR
Reg. No. 106C1A0233



G.ABHINAV TEJA
Reg. No. 106C1A0207

11/05/17



Selected Candidates

MRCL

EEE

2010-2014 Batch Selected for GENPACT



P. CHAKRADAR
Reg. No. 106C1A0233

2010-2014 Batch Selected for SUTHERLANDS



S. PRIYANKA
Reg. No. 106C1A0238



Selected Candidates

MRCL

EEE

2010-2014 Batch Selected for Amazon



AMITH KUMAR SWAIN
Reg. No. 106C1A0201



P.CHAKRADAR
Reg. No. 106C1A0233



Ram Kiran
Reg. No. 106C1A0220



G.ABHINAV TEJA
Reg. No. 106C1A0207



Sandeep
Reg. No. 106C1A0236

**Selected for
Reliance**

selected for TCS





Selected Candidates

MRCL

EEE

2011-2015 Batch



KUSHBOO BARAIK
Reg. No. 116C1A0211
Google



RAM NARAYANA SASTRY
Reg. No. 116C1A0218
Amazon



P.SONU
Reg. No. 116C1A0216
Value Labs



KONA.SIVA PRASAD
Reg. No. 116C1A0207



SADASIVUNI DURGA
Reg. No. 116C1A0224



Selected Candidates

MRCL

EEE

**2012-2016 Batch Selected for
Reliance Power Plant**



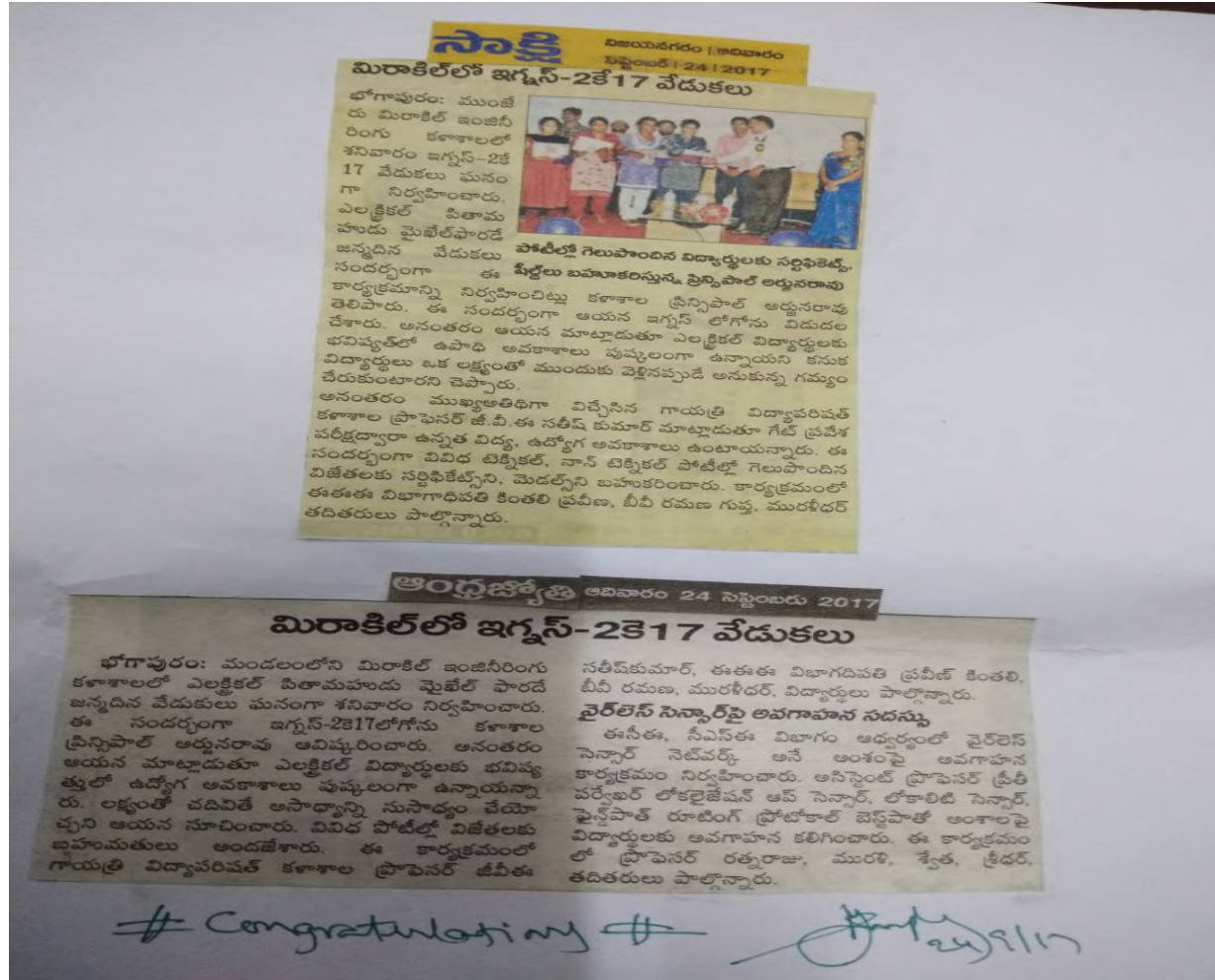
LODAGALA SRINIVAS
Reg.no.126C1A0213



B. SATYA SAI SRINIVAS
Reg.no. 136C5A0203



News Published in Paper





Live Projects

Hybrid Solar Car



Home Automation System



Power Generation using Speed Breaker





Projects

GSM Based Home Automation System





EEE Students at Miracle





Industrial Visits





Activities Organised

S.No	Academic Year	Total No. of Guest Lectures	Total No. of Seminars/Workshops
1	2014-15	1	1
2	2015-16	1	1
3	2016-17	1	1
4	2017-18	1	1
5	2018-19	1	1



Workshop

Workshop on MATLAB





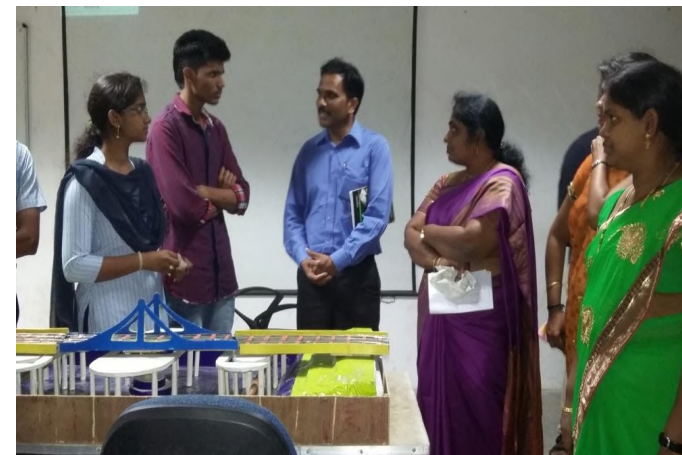
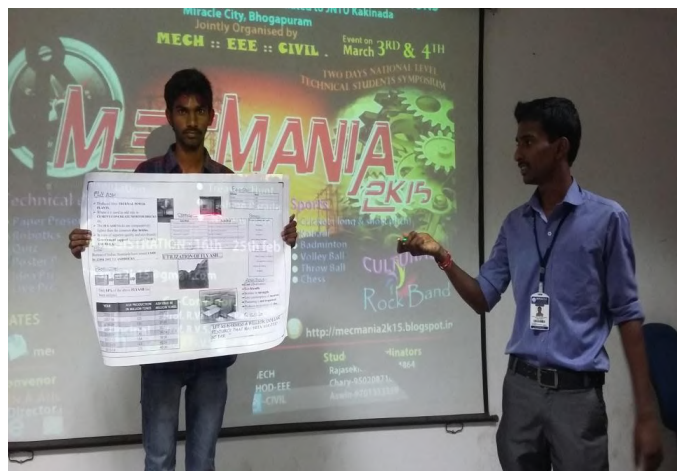
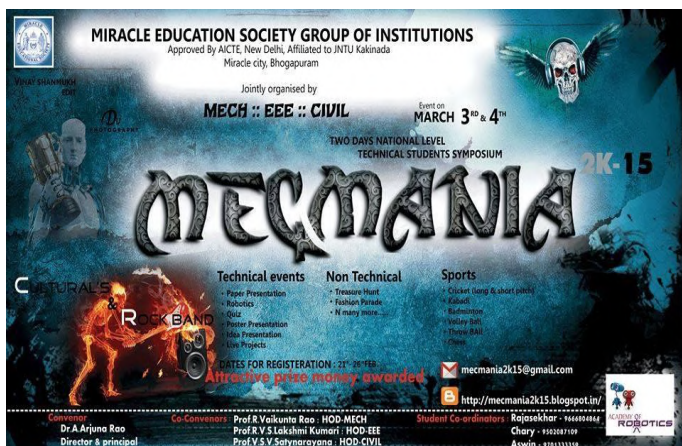
Workshop

WORKSHOP on Design of Solar Power Plant





Co-Curricular Activities





Extra-Curricular Activities

Engineers Day Celebrations



Graduation Day





Future Plans

- To go for NBA accreditation for our department
- To motivate all faculty members towards research by making mandatory registration for Ph.D. for all faculty with MTech degree only

Ph.D.

+

NBA

=

Future Plans

Thank You

For more info please visit us at,
miracle.edu.in



Miracle Educational Society Group of Institutions