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MADINA EDUCATION AND WELFARE

Madina Education & Welfare Society was registered as an educational and welfare society. This Society Is a Four Decade Old Society Established Under the aegis of Founder Secretary Mr. K. M Arif Uddin to provide Quality and Modern Education among all the sections of society.

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

Global Institute of Engineering and Technology is a self-financed non-minority institution established in the year 2006 with a vision to promote quality education

Global Institute of Engineering and Technology is managed by Madina Education and Welfare Society which is a four-decade old society. Global Institute of Engineering and Technology offers B. Tech in Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering and Masters in Embedded Systems, Computer Science and Engineering and Structural Engineering. GIET is also approved Nodal Centre for running 18 skill development courses under Pradhan Mantri Kaushal Vikas Yojna.

VISION

To produce Technologically Skilled Engineers of World Class Competency to address Global Challenges.

MISSION

M1: To offer quality education that is affordable and accessible to rural students and to develop a technological temper in students and cater to industrial requirement

M2: To provide academic freedom, generate, disseminate, and preserve knowledge with interdisciplinary approach in order to meet advanced industrial standards

M3: To enable students to master innovative methodologies for research and skills required to become an entrepreneur.

M4: To emphasize on human values, professional ethics, social responsibility and environmental sustainability.

1 ACADEMIC ACTIVITIES AND RESEARCH ACTIVITIES UNDERTAKEN

1.1 ACADEMIC ACTIVITIES

1.1.1 ACADEMIC PROGRAMS OFFERED

The details of the programs offered intakes for the academic year 2018-19 are listed in Table 1 and Table 2.

Table 1

S.No	Level of the Program	Program Name	Shift	Branch/ Specialization	Year of Introduction	Approved Intake
1.	UG	B.Tech	I	Civil Engineering	2009	60
2.	UG	B.Tech	I	Electrical and Electronics Engineering	2006	60
3.	UG	B.Tech	I	Mechanical Engineering	2011	60
4.	UG	B.Tech	I	Electronics and Communication Engineering	2006	60
5.	UG	B.Tech	I	Computer Science and Engineering	2006	60
Total						300
6.	PG	M.Tech	1	Structural Engineering	2013	24
Total						24
7.	PG	M.B. A	I	--	2009	60

Table 2

Shift	No.of UG Programs Offered	No.of PG Programs Offered	Other PG program
I	5	1	1

1.1.2 Enrolment

Table 3

Level of Program	Program	Total Intake	Enrolment		
			Regular	Lateral Entry	Total
UG	B.Tech	300	87	30	117
PG	M.Tech	24	24	0	24
PG	MBA	60	27	0	27

Table 4

Program	AICTE Approved Intake	JNTUH Approved Intake	Enrolment		
			Regular	Lateral Entry	Total
B.Tech(ECE)	60	60	8	1	9
B.Tech(CSE)	60	60	38	0	38
B.Tech(EEE)	60	60	1	12	13
B.Tech(CE)	60	60	18	7	25
B.Tech(MECH)	60	60	22	10	32

Table 5

Program	AICTE Approved Intake	JNTUH Approved Intake	Admitted Intake
M.Tech(SE)	24	24	24
M.B.A	60	60	27

1.1.3 Curriculum

The Global Institute of Engineering & Technology is committed for transformations in engineering education. As per the guidelines of UGC and JNTUH, the regulations and syllabus are revised. From the A.Y. 2015-16, all the programs are offered in Choice Based Credit System (CBCS).

The Regulations and Syllabus of UG and PG Engineering Programs and MBA Program are revised. The regulations are called as R18 Academic Regulations of Global Institute of Engineering & technology. The R18 Regulations follows Semester based, Choice Based Credit System.

The Institutional Achievements

- ❖ Received AICTE Grant Under PMKVY
- ❖ Students Participated in various activities of sports.
- ❖ Got in MoU with TCS for Examination
- ❖ Conducted Various Govt Examination both Offline and Online

1.1.5 Faculty Development and Achievements

The faculty of the institute are well qualified and experienced with different specializations, they contributed always in the all-round development of the institute. The following details pertaining to the faculty organized and participated in various workshops in national and international wide.

Academic Year 2018-19

1.1.5.1 Faculty Development Programs Organized

Faculty organized Workshops/Seminars/Training Programs

Table 6

S. No	Date(s) of FDP Conducted	FDP Name	No. of Participants	No. of Resource Persons	Names of the Resource Persons
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1.1.5.2 Faculty Development Programs Participated

Faculty Participated in Workshops/Seminars/Training Programs:

Table 7

S. No.	No. of Participants
1.	

1.1.5.2 Faculty Achievements

1.1.6

Student Activities and Achievements

1.1.6.1 Student Academic Activities

The students are trained by experts in their domain courses, new technologies & processes, and human values through Seminars / Guest Lectures/Workshops. The details of the training are listed in the Table 8.

Table 8

S.No	Details
1	GUEST LECTURE ON ETHICS IN ENGINEERING
2.	GEOINFORMATICS AND APPLICATIONS IN CIVIL ENGINEERING
3	REVIT STRUCTURES AND REVIT MEP
4	Neural & Fuzzy logic in Power systems
5	Electric Traction Systems
6	ISO 9001:2008
7.	Supervisory Development Program for Future Engineers
8.	Embedded Systems with 8051
9.	Analog Electronics and Circuits Designin
10.	Digital Image Processing
11.	PCB Design & Fabrication
12.	Big Data Analytics Using R Programming
13	Selenium Testing
14	Personality Development
15.	Problem Solving Skills
16.	Employability skills and Job Readiness Program
17.	Perspectives on Contemporary HRM Research
18.	Digital Learning

1.1.6.2 Value Added Course

A variety of value-added classes are provided in order to offer supplementary learner centric graded skill-oriented professional instruction, with the main aim of enhancing the employability capabilities of engineering graduates. The details of the value-added courses are presented in the Table 9.

Table 9

S.no	Year of offering	YEAR/SEM	Names of the Add on/Certificate programs with 30 or more contact hours
1.	2018 - 19	IV/I	Python Programming
2.		II/II, III-II	Web Technologies
3.		II-I, III-I, IV/I	Intelligent Transport System
4.		II/II, III-II, IV-II	Total Station
5.		IV-I	Revit-MEP
6.		II-II	Autocad
		III-II	
7.		II-I	Robotics & Intelligence
8.		IV-II	Python
9.		III-II	Machine Learning
10.		II-II	Programming using Matlab
11.		I-II	Employability Skill and Job Readiness
12.	II Sem	Matlab	

1.1.6.3 Industrial visits/ Industrial Trainings

The Industrial Training or Industrial Visits helps the engineering students for enhancing and improving skill set and knowledge of which boost their performance and consequently helping them to meet their career objectives. It is an organized method or activity. The details of the training / visits organized are shown in Table 10.

Table 10

S.NO	No. of Industrial Visits
1.	4

The Management, Faculty and Staff provide the paramount need of the student apart from academics.

- i) Remedial classes are conducted to improve results
- ii) Counseling and motivating programs by psychologists have been arranged.
- iii) Entrepreneurship guidance and Career counseling is available.

1.1.6.5 Mentor and Mentee System

An important measure is to assess the competence level of the students at different stages of 4 years of their study. Such assessment will enable the principal and faculty members to take up the corrective remedial measures to raise the level of competency in respect of weak students to the desired level. The procedure evolved and adopted for the above purpose can be summarized as under:

Students Counseling Scheme is in operation in this institution to counsel, monitor and guide the students from the date of joining in this institution till they complete the degree and leave the institution. Faculty members in each branch are identified to act as a Counselor/Mentor who shall maintain a record of 8 to 10 students allotted to each Faculty. Thus a sense of accountability is instilled in both the Mentor (Faculty) and Mentee (Student).

The duties and responsibilities of Mentors (Faculty Members) are identified as under:

- The mentor will monitor the group of students (3 to 10) allotted to him in all matters of personal growth of the students like behavior, attendance, performance in internal and external examinations and guidance for improvement.
- He will be regularly in touch with the mentees and take the feedback from them about the regularity of classes and their understanding of the subject.
- He will regularly counsel the students who are falling behind in the mid & external exams.
- He will also counsel the students when they remain absent for consecutive three (3) days.
- He interacts with the parents and updates them about the student's progress at the college.
- He provides awareness about credit system and promotion policy.
- He monitors the behavior of the students.

- He motivates the students in attending seminars/paper presentations.
- He shall meet the mentees (Students) once in a fortnight.
- During the monthly meetings, issues related to attendance, understanding of the subject, comfort levels in learning and specific record of the students shall be scrutinized and conveyed to the respective HODs to initials remedial or corrective measures.
- HOD's in turn will update the principal about the progress of Mentor-Mentee activity to the principal.
- If required, Mentors are also permitted to visit the house of the students to interact with the mentees and claim conveyance, if any.

Once in a month Principal of the college will take up review meeting with HOD's and mentors branch wise and draw plan of action/remedial measures to be taken up in respect of the issues identified for rectification. In fact, during such meetings three types of students are identified.

- a) Weak students who require remedial/extra classes
- b) Average students who require further motivation
- c) Academically sound good scoring students

1.1.6.6 Student Achievements

The achievements of the students for the Academic Year 2018-19 are shown in Table 11.

Table 11

S. No	No. of students Achieved
1	52

The results of I/II/III Year B.Tech. / M.Tech. / M.B.A. I & II Semester for the academic year 2018-19 under autonomy are presented below in the

Table 12 – Table 25.

Table : 12					
I B. Tech I Semester					
S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	19	17	89.47
2	EEE	60	1	1	100
3	MECH.	60	22	20	90.90
4	ECE	60	8	7	87.5
5	CSE	60	37	35	94.5
Total		300	87	80	91.95
Table : 13					
I B. Tech II Semester					
S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	15	13	86.66
2	EEE	60	1	1	100
3	MECH.	60	21	19	90.47
4	ECE	60	6	5	83.3
5	CSE	60	39	34	87.1
Total		300	82	72	87.80
Table : 1					
II B. Tech I Semester					
S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	37	35	94.59
2	EEE	60	24	23	95.83
3	MECH.	60	31	30	96.77
4	ECE	60	22	21	95.45
5	CSE	60	47	45	95.74
Total		300	161	152	94.40
Table : 15					
II B. Tech II Semester					
S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	34	31	91.17
2	EEE	60	21	20	95.23
3	MECH.	60	31	30	96.77

4	ECE	60	22	20	90.90
5	CSE	60	47	42	89.36
Total		300	155	143	92.25

Table : 16 III B. Tech I Semester

S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	34	33	97.08
2	EEE	60	11	10	90.90
3	MECH.	60	24	23	95.83
4	ECE	60	18	17	94.44
5	CSE	60	18	17	94.44
Total		300	105	100	95.23

Table : 17 III B. Tech II Semester

S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1	CIVIL	60	32	30	93.75
2	EEE	60	8	8	100
3	MECH.	60	25	24	96
4	ECE	60	18	17	94.44
5	CSE	60	17	16	94.11
Total		300	100	95	95

Table :18 I M. Tech I Semester

S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
1.	SE	24	24	22	91.66

Table 19 I M. Tech II Semester

S.No.	Branch	Intake	No of Appeared	No of Passed	Percentage of Pass
5	CSE	24	24	21	87.5

Table 20 I M.B.A

S. No.	Sem	Intake	No of Appeared	No of Passed	Percentage of Pass
1	I	60	27	25	92.59

Table 21 PASSOUT (2018-19) STUDENTS PASS %

S.No.	Total Strength	Total Completed	Total Pass %
1	100	92	92

1.1.8 Training and Placement Cell Activities

One of the key areas, we have shifted our focus is training and placement. Training and Placement Cell conducts placement training for III and IV B.Tech and II MBA and II M.Tech Students. It also organizes on campus and off campus placement interviews.

1.1.8.1 Placement Training and Drive details

The TPC conducted various placement training programs in the A.Y. 2018-19. The details are listed in Table 26 and Table 27, Task programs are listed in Table 28.

Table 22

S.No	Event
1	Soft skills training program for IV B.Tech students
2	Soft skills training program for IV B.Tech students
3	Soft skills training program for IV B.Tech students
4	Soft skills training program for IV B.Tech students
5	Aptitude and Reasoning Program for IV B.Tech students
6	Aptitude and Reasoning Program for IV B.Tech students
7	Aptitude and Reasoning Program for IV B.Tech students
8	Aptitude and Reasoning Program for IV B.Tech students
9	Aptitude and Reasoning Program for IV B.Tech students
10	Aptitude and Reasoning Program for IV B.Tech students
11	Organizational and Interview skills for IV B.Tech students
12	Organizational and Interview skills for IV B.Tech students

1.1.8.1 Details of students placed

The details of the students placed in the A.Y.2018-19 are shown in the Table 23 and Table 24.

Table 23

S. No .	Name of the Industry /MNC/Firm	No. of Students selected
1.	Sood Towers & Constructions - 9780711804	3
2.	Prime KI Software Solutions Pvt. Ltd - 040-40327469	3
3.	Q Spiders - 9980400900	5
4.	CheckMark - 7993750891	13
5.	Smart Select Solutions Pvt. Limited - 7780581694	10
6.	Data Point Pvt. Ltd - 9884129490, 9642051366	15
	Total	49

Table 24

No. of Students Passed out	Placements	Higher Education India/Abroad
79	49	14

1.2 Research Activities**1.2.1 Promotion of Research and Facilities****1.2.1.1 Faculty motivation scheme for research****Objective of the Scheme:**

The objective of the scheme is to guide faculty members in the effective integration for research projects with the regular curriculum implementation and curriculum enrichment activities

Scope of the Scheme:

This scheme will apply to all the research and related activities of the institution and activities will include the following.

- Knowledge compilation and communication initiatives for keeping abreast of academic developments such as writing of textbooks or chapters, monographs; developing/updating curriculum, etc.
- Creative activities involving the generation of new innovative ideas, hypotheses, images, performances, including design in any field of knowledge which leads to the development of new knowledge, understanding or expertise.
- Research projects of students and scholars undertaken as part of the curriculum or proposals for enriching it
- Publications, presentations and communication of the research outcomes and related activities

1.2.1.2 Details of Scheme

Functions of R&D Cell

- Identification of thrust areas of research in each department of the institution
- Encourage and motivate the various departments faculty to undertake research projects and to scrutinize the proposals before submitting them to funding agencies
- Identification of physical and human resources to carry out research
- Identify the budgetary requirements and resources for funding the research
- Review the progress of research and offer necessary guidance whenever required
- Monitor and propose the funding from college budget for promotion of research activities
- Identify different organizations/ industries to undertake collaborative research on current topics of mutual interest

Research Promotion Policy at GIET

- Create a Special Institutional Research Wing over viewing all R&D and academic Ph. D. / PG activities.

- Provide laboratory, library/e-library and internet facilities
- Establish department-wise R&D laboratory
- Provide need based financial support for research activities
- Organize workshops, seminars, conferences at national or international level
- Provide incentives and encourage research related activities like reduction in teaching load, duty leave, TA/DA to the faculty for presenting their research activity at various Conferences/Seminars
- Sanction special leave as and when required for good progress of research
- Provide Personal Laptops on concession basis to carry out personal research
- Give due consideration in promotion and salary advancement on paper publication/ Getting patents etc by laying out standards based on citation indices, impact factors, quality of patents etc.

Encourage to write and forward research proposals for financial support to different funding agencies and announce incentives once the project is sanctioned.

1.2.2 Suggestions and Recommendations

1.2.2 UGC Guidelines on Research

- ❖ As per the UGC guidelines the faculty should publish their research work in peer reviewed and reputed journals which are approved by the UGC
- ❖ Faculty members are advised to apply for patents and process to publish and patent grants.
- ❖ Faculty members are encouraged to apply research projects to funding agencies like UGC, AICTE, DST, CSIT and other Government and Non-Government Agencies

The details of research activities and available facilities are shown in Table 29

Table 26

Name of the Department	CSE	ECE	EEE	ME	CE	BSH & MBA
Name of the R&D Facility	R&D Cell CSE	R&D Cell ECE	R&D Cell EEE	R&D Cell ME	R&D Cell CE	R&D Cell BSH

Research Publications of Faculty members for the Academic Year 2018-19 are shown in Table 37.

Table 27

STUDY ON SEISMIC EFFECT OF FLOATING COLUMNS IN STRUCTURAL PERFORMANCE	D.Soundarya	Civil Engineering	International Journal of Research	2018
PROPERTIES OF AGAVE FIBRE REINFORCED CONCRETE	V.Shilpa	Civil Engineering	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)	2018
ADVANCED MEDICAL BOX FOR DISTANCE PATIENT SUPERVISING USING RTOS	B.KALYANI, G AHMED ZEESHAN, DR.R.SUNDARA GURU	ECE	IJRECE	2018
VIDEO STREAMING OVER SOFTWARE DEFINED NETWORKS WITH SERVER LOAD BALANCING	S VINAY KUMAR, G.AHMED ZEESHAN, DR.R.SUNDARA GURU	ECE	IJRECE	2018
FALL DETECTING SYSTEM & BODY POSITIONING WITH HEART RATE MONITORING	M. MOUNIKA, G.AHMED ZEESHAN, DR.R.SUNDARA GURU	ECE	IJRECE	2018

DESIGN & IMPLEMENTATION OF REMOTELY LOCATED ENERGY MENTOR MONITORING WITH LOAD CONTROL & MOBILE BILLING SYSTEM THROUGH GSM	S VINAY KUMAR, G.AHMED ZEESHAN, DR.R.SUNDARA GURU	ECE	IJRECE	2018
ADVANCED ACQUISITION OF GPS & GALILEO SIGNAL USING FFT	MD ALTAF UR RAHMAN,ABDUL MAJEED,SHEEMA	ECE	IJCE	2018
SMART HOME SECURITY USING RASPBERRY PI	AMJAD ALI,ZUBAID AHMED,MD.AWAIS,SK.FAISAL AHMED,SHAIK ASRA TABASSUM	ECE	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN SCIENCE & TECHNOLOGY	2018
ANALYSIS OF TROPOSPHERIC TIME DELAY FOR LAAS OVER INDIAN SUB CONTINENT	ISHRATH UNISA,G.AHMED ZEESHAN,DR. R. SUNDARA GURU	ECE	IJAEEE	2018
DESIGN ,SIMULATION AND FABRICATION OF PARABOLIC DOUBLE BIQUAD MICROSTRIP PATCH ANTENNA FOR UWB APPLICATIONS	P.UDAYASREE,N KRISHNAJYOTHI	ECE	IJRASET	2018
DESIGN AND SIMULATION OF PARABOLIC DOUBLE BIQUAD MICROSTRIP PATCH ANTENNA	P.UDAYASREE,N KRISHNAJYOTHI	ECE	IJMTE	2018

FOR UWB APPLICATIONS				
Significance of Employee Suggestion Systems to Handle Conflicts at Workplace	Dr B Swathi	MBA		2018
Performance Appraisal as a facilitator in employee training and development- a holistic study in select organizations	Dr B Swathi	MBA		2018
Parallel Support Vector Machines on a Hadoop Framework	Ms. Neha Jadhav	CSE	IJR	2018
Comparison of Strength Parameters of M40 Grade of Concrete with partial Replacement of cement with Red Mud and Hydrated Lime	G.Sandhya Rani	Civil Engineering	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)	2018
Non-Linear Time history Analysis of Tall Structures for Seismic Load Using Damper under Different Soil Conditions	Mrs.K.Vandana	Civil Engineering	International Journal of Research	2018
Conveyed observer-based cyber security control of complex set of connections	Noore Ilahi	CSE	IJRAR	2018

Information storage auditing service in cloud computing: challenges, methods and opportunities	Rayees Fathima	CSE	IJRAR	2018
Design and Analysis (Static Strain and Static Stress Analysis) of Piston Using AL 2014 and Reinforcement as Limonite Powder	Jagannath Pattar	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
Experimental study on mechanical properties of limonite as reinforcing element on properties of Al 2014 based MMC (By varying weight % of FeTio3)	Jagannath Pattar	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
WEAR AND FATIGUE BEHAVIOUR OF LIMONITE AS REINFORCING ON ELEMENT ON PROPERTIES AL2014 BASED MMC	Jagannath Pattar	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
Study on Behavior of Ilmenite as Reinforcing Element on Properties of Al2014 Based MMC	Jagannath Pattar	Mechanical Department	International Journal of Research in Advent Technology,	2018

by Stir Casting Method				
Design and Analysis (Static Strain and Static Stress Analysis) of Piston Using AL 2014 and Reinforcement as Limonite Powder	Vundi Sai Chandra	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
Experimental study on mechanical properties of limonite as reinforcing element on properties of Al 2014 based MMC (By varying weight % of FeTio3)	Vundi Sai Chandra	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
WEAR AND FATIGUE BEHAVIOUR OF LIMONITE AS REINFORCING ON ELEMENT ON PROPERTIES AL2014 BASED MMC	Vundi Sai Chandra	Mechanical Department	1st International Conference on Recent Trends in Engineering, Materials, Management and Sciences (ICRTEMMS-2018), SBIT, Khammam, India 25-27 Oct. 2018	2018
Study on Behavior of Ilmenite as Reinforcing Element on Properties of Al2014 Based MMC by Stir Casting Method	Vundi Sai Chandra	Mechanical Department	International Journal of Research in Advent Technology,	2018

Development and performance evaluation of aluminum based supercapacitor	Abhilash	Mechanical Department	International Journal of Analysis of Electrical Machines	2018
Power Flow Control and Power Quality Improvement in DFIG Based Wind Energy Conversion System Using Neuro Fuzzy System”	Maloth Naresh, Umesh Kumar Soni and Ramesh Kumar Tripathi	EEE	IJAER	2018
Performance Analysis of Sensorless Controlled BLDC Motor Using Direction Independent U-function	Mr.Maloth Naresh and Tripathi,	EEE	IJAER	2018
Power Flow Control in Distributed Generation System of PFC Rectifier for DC Motor Drive	Mr.Maloth Naresh and Tripathi,	EEE	Journal of Electrical Engineering, Automation and Computer Sciences (Series B)	2018

2.1 Professional Societies

2.2 Entrepreneur Development Cell (EDC)

2.3 Institute Innovation Cell (IIC)

2.4 NSS Activities

2.5 Sports

2.6 Cultural

Professional Societies at GIET

The institute has many professional societies to encourage faculty and students to learn new technological developments and present their ideas in different platforms.

The following are the professional societies with Institute with respective to each department

- Institute of Electrical and Electronics Engineering (IEEE)
- Indian Society for Technical Education (ISTE)
- Institute of Electrical and Telecommunication Engineering (IETE)
- Institute of Engineer in India (IEI)
- Society of Automobile Engineering (SAE)
- Association for Computing Machinery (ACM)
- IEEE-Circuits and Systems
- IEEE-Power Electronics Society
- IEEE-Computer Society of India

ELECTRONICS CARNIVAL -2019

Table 28

S.N O	Name of the Event	Chief guest	Number Participants
1	<u>Electronics Carnival - 2018</u> Paper Presentations Poster Presentations Project Presentations Cultural Events	Chief Guest, Prof. Dr. V. Kamakshi Prasad, Professor of CSE and Director of Evaluation, JNTUH & Guest of Honour, Mrs. T Madhavi Kumari, Associate Professor of ECE, Addl. Controller of Examinations-3, JNTUH	186



Cake Cutting by Chief Guest, Prof. Dr. V. Kamakshi Prasad, Professor of CSE and Director of Evaluation, JNTUH & Guest of Honour, Mrs. T Madhavi Kumari, Associate Professor of ECE, Addl. Controller of Examinations-3, JNTUH marking the inauguration of Electronics Carnival.

2.2 Entrepreneur Development Cell (EDC):

Entrepreneur Development Cell:

- ❖ Entrepreneurship cell is established in July 2011 and various events were organized to know the importance of being an entrepreneur and different ways to get financial assistance to become an entrepreneur.
- ❖ After having established Innovation Council in the GIET. the EDC preferred to work with it since innovation is the pre-requisite for the success of the business proposal of any type. Inventing new products, particularly in the field of technology, is precious in the present age of hyper-competition. As such, GIET has realized the importance of training the graduating engineers in enhancing the invention skills, networking of the Innovation Cell and ED Cell is encouraged. The EDC of the Institute has organized expert lectures on the process of innovation and testing its commerciality. These lectures have helped a few students to know about the importance of self-employment and wealth creation. They also understood that creativity and innovation are the prerequisites for the success of business ventures. For intensifying the skills of innovation and creativity in products development and marketing by the professional students this COUNCIL organized a Workshop. Mr. Viswanath Kench, of T-hub engaged in Computer Software development has conducted the workshop. There were 14 students present in the workshop. He exhorted to the students that the computer knowledge is a must for every startup as a measure of cost reduction and fast achievement of the objectives. The 14 participants have presented their innovative ideas concerning the use of
 - (a) local waste like dried marigold flower, maize candy covers, kernel of plantains etc
 - (b) of human hair to produce power,
 - (c) computers for fast communication and for transfer of funds, and
 - (d) socio-economic data bases for research projects. However, it is also impressed upon the students that the product development is not the final step in starting the new venture, but one must also prepare a financial plan and market potential for the

innovative product. Innovation Council and the EDC have continued to organize problem-solving exercises periodically.

2.3 Institution Innovation Cell(IIC)

The institution has acknowledged many tools for measure and promotes innovative research activities through the cells like Research and Development, Institution's Innovation, and other promotional cells/societies. The **Research and Development cell** has eventually developed to create the research activities and encourage the undergraduate, postgraduate, staff member, and faculties to research newly emerging frontier areas of Engineering, Technology, Science, and Humanities including multidisciplinary fields. Also, the normal research methodologies have been promoted to enhance the research capabilities like participating in conferences, seminars, workshops, project competitions, Training programs, etc. Additionally, the institution extends the financial support to students/staff members/facilities for their innovative research and developments.

IIC of GIET was established to systematically foster the culture of innovation among the students across various departments inside the Institute. Ministry of Human Resource Development (MHRD) has established Institution Innovation Council among all Higher Education Institutions. The focus of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes.

In Industry 4.0 revolution, the institution primarily focuses on the Teaching & Learning process, there requires some additional motivation for the students to meet the standards of Industry as well as the society. Particularly, GIET facilitates better opportunities for the students to conduct Curricular and co-curricular activities. In this regard, a separate Student Activity Center (SAC) is established and handled by students, which provides an excellent opportunity and awareness to the students. The following societies are handled by the students with senior faculties during each semester at the Student Activity Centre (SAC):

The NSS Unit of GIET organizes various service-oriented activities to inculcate the service as a habit to budding professionals. Various programs organized in the A.Y. 2018-19 are shown in the Table 29

Table 29

S.No	Name of the Activity	Date	No of Participants
1	Independence Day Celebrations	15-08-2018	110
2	Plantation Programme	27-08-2018	6
3	Teacher's Day Celebrations	05-09-2018	64
4	Seminar on Save Environment From Plastic	14-09-2018	87
5	Engineers Day Celebrations	15-09-2018	120
6	NSS Day Celebrations	24-09-2018	80
7	Eye Donation Awareness Programme	22-10-2018	110
8	Programme on Importance of Yoga	27-10-2018	55
9	Blood Donation Camp	29-11-2018	50
10	Road Safety Awareness Programme	06-12-2018	96
11	Republic Day Celebrations	26-01-2019	115
12	Skill Development Programme	09-02-2019	72
13	Anti Tobacco and Anti Alcohol Camp	10-02-2019	69
14	International Women's Day	08-03-2019	64
15	Participation of Volunteers in Election Duty	11-04-2019	78
16	Kerala Flood Donation Camp	18-08-18	61
17	Aksharabyasa Campaign at Chikur Village	05-02-19	71

18	Health and Hygiene Precaution Programme	06-02-19	71
19	Say NO to Child Labour Programme	07-02-19	69
20	Swachh Survekshan	08-02-19	75

The students of GIET brought laurels to the institution in Sports and Games. The details are shown in Table 32.

Table 34

Number of sports and cultural activities / competitions organised at the institution level

S. No	No. of Activities
1.	10

Global institute of engineering & technology is having exclusive club for cultural and literary event organized under GLOBAL CULTURAL COMMITTEE(GCC) will organize all cultural activities pertaining to the state and national festivals, ORSA is an annual event of our institute, which will celebrate for 2 days. The first day begins with technical day, second day fete celebrate as Sports and Cultural day function.

ORSA 2019



