

MINUTES
of
XVI GOVERNING BODY MEETING

held on
23rd November 2018, 10.00 AM

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY

3rd Mile, Bombay Highway, Gangavaram(V), Kovur(M),

Nellore District, Andhra Pradesh - India. 524 137.

Web: www.gist.edu.in

AGENDA

Welcome Address by Secretary

I. Confirmation of the Minutes of the XV Governing Body

II. Information/Reporting items:

- a. University examinations and results
- b. Departmental Activities.
- c. Student Development/Training Programmes & achievements.
- d. Faculty Development/Training Programmes & achievements.
- e. Infrastructure & support.
- f. JNTUA Valuations at GIST.
- g. Sports & Games
- h. Ratifications
- i. Faculty Positions
- j. Admissions for the Academic Year 2018-19
- k. Training and Placement activities
- l. Library

III. Proceeding items:

- a. Upgradation of laboratories as per JNTUA R-15 regulations
- b. NAAC & NBA Accreditation process for GIST – Fixing of deadlines
- c. Vacancies in Senior positions
- d. Application for 12-B status from UGC
- e. Proposals - Feedback Analysis
- f. Audited Accounts statement
- g. Inclusion of new members to GB
- h. Financial assistance and incentive to faculty
- i. Any other related items within the scope of the Council with the approval of the Chairman.

GOVERNING BODY MEMBERS-November 2018

S. No.	Name	Occupation	Address	Designation
1	Sri. D.B. Ravi Reddy, Chairman, Ushodaya Educational Society, Nellore	Industrialist	18, Kapaleeshwar Nagar, Neelangari, CHENNAI - 600 041.	Chairman
2	Sri. J.S. Ranganayakulu Exec. Member, Ushodaya Educational Society, Nellore	Industrialist	14, Sunrise Avenue, II Cross Street, Neelakarai, CHENNAI - 600 041	Member
3	Sri. N. Sudhakar Reddy Secretary, Ushodaya Educational Society, Nellore	Industrialist	D. No. 27-2-1827, 6 Lane Ramji Nagar, NELLORE - 524 002.	Member
4	Sri. Y. Vijaya Shankar Reddy Treasurer, Ushodaya Educational Society, Nellore	Agriculture / Business	D. No. 8-21-4, Vayunandana Press Road, KAVALI - 524 201.	Member
5	Sri. P. Srinivasulu Reddy Joint Secretary, Ushodaya Educational Society, Nellore	Agriculture / Business	D. No. 10-21-2A, Kamaladri, 5 th Lane, Christianpet, KAVALI - 524 201	Member
6	Sri. S. Jayachandran Exec. Member, Ushodaya Educational Society, Nellore	Chartered Accountant	3A/23, CEE DEE YES, Velachery Enclave, Taramani Main Road, Tansi Nagar, Velachery, CHENNAI - 600 042	Member
7	Prof. Dr. K. Prahlada Rao Principal, JNTU College of Engineering, Anantapuramu	Academics	JNTU College of Engineering, Anantapuramu	Member & Nominee of JNTU Anantapuramu
8	Dr. Y.Dwarakanath Reddy Principal Govt. Polytechnic for Women, Nellore (Nominee of State Govt. Director of Technical Education, A.P)	Academics	Govt. Polytechnic for Women, Nellore	Member
9	Prof.V.Rama Krishna Retd.Prof.Univ.of Hyderabad	Academics	202,Vijaya Manohar Apartment,Gudimalkapur north, Hyderabad-500028	Member
10	Sri. G. Jagan Mohan Vice President, Galla Foods Ltd. Tirupathi	Technologist	Galla Foods Ltd. O/o. Amara Raja Batteries Ltd. Karakambadi, Tirupathi (Chittoor Dt).	Member
11	Prof. Dr. G. Subba Rao Principal, Geethanjali Inst. of Sci. & Tech., Nellore	Academics	27-6-189, Flat No. 103, Srinivasa Residency, A.C.Nagar, Nellore.	Member-Secretary

At the outset the Principal welcomed all the esteemed members and thanked them for their kind presence. He hoped that their valuable guidance will steer this institute to one of the premier institute in the field of technical education. The Committee on its part expressed its wish to actively facilitate the development of GIST and making it one of the best Institutions in the region.

The, following agenda were discussed:

I. Confirmation of the Minutes of the XV Governing Body

Confirmation of the Minutes of the XV Governing Body meeting held on 08.04.18. After a brief discussion, the following resolution was passed.

Resolution No. 1: Resolved that the Governing Body unanimously approved the Minutes of the XV Governing Body meeting held on 08.04.18.

II. Information/Reporting items:

a) University examinations and results

2015 Batch	I-I	I-II	II-I	II-II	III-I	III-II			
ECE - A	93.22	50.85	93.22	77.97	63.79	91.53			
ECE - B	60.34	15.52	63.93	31.15	29.51	65			
ECE - C	10.17	5.17	10.71	1.96	6.52	17.78			
EEE	45.45	33.33	34.33	18.18	50.75	45.45			
CSE - A	76.67	81.67	88.33	71.19	77.59	82.76			
CSE - B	38.33	39.66	59.32	28.81	34.48	33.93			
CIVIL - A	53.33	54	45.71	42.86	52.86	63.01			
CIVIL - B	21.28	4.44	20.75	8.93	24.56	21.15			
MECH	36.21	31.03	42.03	47.76	39.68	41.94			
Overall	49.03	32.2	51.26	37.23	43.31	52.73			
2016 Batch	I-I	I-II	II-I	II-II			2017 Batch	I-I	I-II
ECE - A	95	84.75	89.83	93.22			ECE - A	96.88	90.63
ECE - B	63.93	42.62	40.68	38.6			ECE - B	69.35	53.23
ECE - C	22.03	12.5	21.05	19.64			ECE - C	25.49	17.65
EEE	50.88	49.12	26.76	52.17			EEE	59.65	42.11
CSE - A	90	85	80	71.67			CSE - A	85	70
CSE - B	18.33	15.25	13.56	22.81			CSE - B	36.67	30
CIVIL - A	54.17	39.58	38.98	34.48			CIVIL - A	38	44.68
CIVIL - B	4.76	2.44	8.51	2.17			CIVIL - B	15.38	10.26
MECH	30.36	27.27	25	33.33			MECH	20.83	25
Overall	49.3	41.53	38.59	42.23			Overall	52.95	45.29

b) Department Activities.

Workshops/ symposiums / Conferences/ Organized of National/State repute:

1. In association with CSI a one day workshop on MONGO DB by Mr. Sai KarthikNattam, Analyst in Ocwen Financial Solution Private Limited Mumbai
2. Organised a Two Day Workshop on INTERNET OF THINGS by Mr. Chandan Kumar Verma, Technical Consultant Trainer of Electro Cloud Labs, Hyderabad & Mr. Sumanth Kumar, Embedded Engineer.

Industrial visits

1. Industrial visit was organized to National Atmospheric Research Laboratory (NARL) Gadanki on 9th November 2018 for III year and IV year students of ECE. The objective behind the visit is to explore the idea on Radar technology, working of antennas and to know the different atmospheric conditions for weather monitoring. Sixty students along with three members of faculty are participated in the visit.
2. Third year B.Tech CE students visited the work under progress extension of Nellore-Mumbai highway.
3. An industrial visit to DamodarSanjeevaiah APGENCO Thermal Power plant, Nelatur, Nellore, was organized for the III year B.Tech EEE. Engg., Students on 7th Sept. 2018. The students gained knowledge on practical generation of electricity from coal and control system involved with it for transmission of power. The waste management techniques involved with them and specification on tariff rate was also known
4. A field visit to "Nellore-Mumbai highway", near vaaradhi centre, saaluchinthala village, SPSR Nellore District, was conducted for the IV year B.Tech Civil Engineering Students on 24.04.2018. Mr. Anil Patnayak, guided the students and explained about the details and work progress of highway.
5. An industrial visit to NIPPO, Tada Village, Nellore Dist., was organised for the III & IV year B.Tech Mech. Engg., Students on 18th August 2018.
6. In-plant training on 'Smart Vehicle And Role Of Smart Technology Implementation' in the vehicles for better efficiency and future development

were attended by the 4 students of EEE and 1 faculty coordinator Mrs. Ch. Silpi Priyanka , A/P, EEE at Sri City, Nellore District on 6.10.2018.

Internships

In addition, 41 students interned in companies like SHAR, DRDO, APGENCO, Nelaturu, Nellore, Lakshmi Prasanna Honda, with 9 more selected for internship in Hynture technologies, Hyderabad for the next summer through the efforts of IICC.

FOSSEE

FOSSEE (Free/Libre and Open Source Software in Education) project promotes the use of FLOSS tools to improve the quality of education in our country. The FOSSEE project is part of the National Mission on Education through Information and Communication Technology (ICT), Ministry of Human Resource Development (MHRD), Government of India. Total 180 students from B.Tech II and III year are registered for various courses supported by FOSSEE.

NI IOT Challenge:

Andhra Pradesh Information Technology Academy (APITA) conducted a state level competition in Industrial Internet of Things in association with National Instruments. Seven Projects were submitted by B.Tech IV year students of ECE branch out of which two were qualified for second round and the batches are trained by National Instruments on IOT concepts.

The projects are

Smart Helmet for Air Quality and Hazardous Event Detection for the Mining Industry by G. Divya Reddy, G. Saphala, G. Devika under the guidance of Dr. Sk. MahaboobBasha.

Health Monitoring System for Active and Assisted Living by I. Ramyaka, P. Yamini, T.V. Yamini under the guidance of Naveen Kolla

Spoken tutorials:

Spoken tutorials for students through online by faculty from IIT, Bombay during 2nd to 30th Oct. 2018 is organized in the subjects C & CPP Training and SCILAB. Over 300 students took part in the online sessions and 170 Students got online certificates on C & CPP Training and SCILAB.

APSSDC Workshops:

1. A Two Week workshop and Certification Course on **“PYTHON FOR EVERYBODY”** was organized for B.Tech III year ECE students, during 11th to 23th June 2018 in collaboration with APSSDC for 19 registered students.
2. A three day workshop and Certification Course on **“Embedded Systems Fundamentals”** 26th to 28th July 2018 and 30th July to 1st August 2018 in collaboration with APSSDC, for 172 registered students from B.Tech II & III year ECE.
3. A three day workshop on **“Introduction to Game Development (IGDC) On BUILDBOX”**, during 12th October 2018 to 14th October 2018 in collaboration with APSSDC for 68 ECE & 35 CSE students registered for the programme. Irfan and B. Phaneendrababu, are Resource persons from APSSDC.
4. A short online course on **“Perspectives of Entrepreneurship”** in association with **International Institute of Entrepreneurship Development (i2E)** where 19 ECE and 01 ME students successfully completed the course.
5. A three day workshop on **“Mathematical operations with scilab”** in collaboration with APSSDC was conducted for I B.Tech ECE and EEE students by the experts of APSSDC from 08th October to 13th October, 2018.
6. 10 Workshops, 2 FDPs benefitting 830 students from ECE, EEE, CSE and Civil Engineering and 28 members of faculty from CSE, EEE and Civil Engineering.

IIIT Sricity Research Expo:

15 III B.Tech ECE students attended a **“One-day Research Expo Event 2018”** organized by IIIT SRICITY, Chittoor on Saturday October 6th, 2018. The objective behind the visit is to learn about cutting-edge technologies that are constantly exposed to new learning experiences.

TI Webinar winners

The students of Geethanjali institute of science and technology bagged prizes in the webinar online exam conducted under the joint auspicious of JNTU Anantapuramu University and Texas Instruments on 5/10/2018. 270 Students of ECE participated in the Texas Instrument Online Contest on Linear Integrated Circuit Analysis among which 212 students were certified by the Texas Instruments. The following top eight students are awarded with TIVA EMBEDDED KITS by Texas instruments, Bangalore.

GadirajuPavaniPriya, 2.Gollaprolu Parnesh, 3. T. Eishita 4. Yamini Nara 5. MopuruAnkitha 6. ChakkaVenkataBhavana 7. Challa Naveen 8. EstamsettyKamakshi

APITA ACTIVITIES:

A Three day workshop on “LabVIEW” was organized at GIST for B.Tech III Year ECE students by the Department of Electronics and Communication Engineering from 25th to 27th OCT 2018 in association with APITA. Mr. K. Prakash, Application Engineer from National handled both theory and practical sessions for 60 students.

Assessments

Wheebox is India's leading online talent assessment company in Gurgaon offer validated list of online assessment test measuring world's talent & skill potential. Wheebox Employability Skills Test (WEST) –where 76 out of 391 final year students secured over 60 percentile with K. Sukumar Reddy (152U1A0543), IV B.Tech CSE student standing first securing 86 percentile.

Online courses

- T.S.S.S. Madhav, Sk. PyariRaheela, A. Rishitha, I. SivaSailaja, P. Ramya Sri, P. Jahnvi, S. Chandini, T.V.S. Mounika, V. Sri Lakshmi Navya, Sk. Afrin P. Haneesha, G. Poojitha Ch. Anil, M. Pavani, P. Sai Sindhu, M. Pranvitha, & Sk. Dorasanbhi has completed 5 online courses namely 1-programming for everybody using python, 2-python data structures, 3-using python to access web, 4-using databases with python, 5-retrieving, processing and visualizing data with python@ course era from University of MICHIGAN, 23-06-2018
- S.V. Rupa Rani has certified the NPTEL online certification on” Introduction to modern application development”, Aug-Sep 2017.
- **COLLEGE TO CORPORATE PROGRAM (C2C) IIT Bombay:**16 students from B.Tech II year ECE registered and successfully completed the course 1 with the contents Effective use of IT professionals , Soft skills and Workplace communication in Blended MOOCS Approach during 6th September 2018 To 8th November 2018 also registered for the second course contains the modules English for Oral Communication, Financial Literacy and Handling Large Projects.

- **Cloud Literacy Day 2018** was organized in Association with ICT academy on 30th October 2018. More than 200 students in our college enrolled for the Programme. 141 students have earned the Cloud Literacy Digital Badge (AWS Inventor) by completing all the modules

Guest lectures

- CHANDRA SEKHAR VORUGUNTI, Project Associate from IIIT Sri City, delivered a guest lecture on different applications of Machine Learning and Deep Learning to the B.Tech, III year CSE students of GIST on 24th October 2018.
- MadhukarVangari, Managing executive, Prolific Systems & Technologies Pvt Ltd, Hyderabad, has delivered a Guest Lecture on the topic “INDUSTRIAL AUTOMATION” for IV/III Year – B.Tech. EEE Students on 09/08/2018.
- Dr. P. RAMA MOHAN RAO, Associate Professor, department of Civil, VIT Vellore, delivered a guest lecture on “damage assessment of R.C.C structures using NDT methods” to the B.Tech. III & IV year Civil Engineering students of GIST on 26-09-2018.
- An awareness event was conducted for I B. Tech students on the importance of life skills on 18th August 2018. Vamsi Mohan Rao, Recruitment Director, Ram Chandra Mission graced the occasion as the chief guest.
- Dr. J. Suresh Kumar, an eminent academician with Post-Doctoral in Physics, University of Aveiro, Portugal delivered a guest Lecture on “Lasers, Nanomaterials Photoluminescence” to the I B.Tech students on 23rd August 2018.
- “Career Guidance Programme - Educational & Migration Services with P. Eshwar Reddy, founder of Planet Eduserv Consultancy Services, Mr. G. Ravikumar Career Consultant and Mr. D N Srinivas, Faculty of Osmania University as guests. Over 350 students attended the session.
- A "Career Guidance Programme - Indian Coast Guard" with Dy Commandant DhanunjayaBharadwaj as the guest. Over 350 students of III year B. Tech, attended the program.

NSS activities

1. Organized International Yoga Day on 21st June 2018 at GIST campus to make the students aware about the benefits of Yoga-Asanas and motivate them for living a healthy life through yoga.
2. Organized Independence Day celebrations on 15th August 2018 at GIST campus.
3. Organized Anti ragging Awareness Programme for second year students on 25th August 2018, by Kovur Legal Advocates. They give their valuable suggestions regarding Anti-Ragging Acts and legal aspects.
4. Organized Teacher's Day on 5th September 2018 at GIST campus.
5. Organized International Literacy Day on 7th September 2018 at GIST campus. On the occasion NSS unit has organized essay writing competition for students.
6. Organized Engineers Day on 15th September 2018 at GIST campus on the occasion of Sri Mokshagundam Visvesvaraya's Birthday College has organized the different activities for students.
7. Organized VANAM - MANAM Programme on 19th September 2018(Saturday) in the campus premises.
8. Organized Gandhi Jayanthi on 2nd October 2018 at GIST campus. On the occasion NSS unit has organized events for students on the occasion to mark respects and pay homage to father of our nation.
9. Organized a voluntary blood donation camp on 6th October 2018(Saturday) in the campus in association with Indian red cross society blood bank and lions club Nellore. Around 200 units of Blood were donated on the camp.
10. Organized blood camp in view of Police Commemoration Day on 21st October 2018 at Kovur police station on 15th and 16th October 2018.
11. Organized Breast cancer awareness programme on 26th October 2018. On this Occasion Sri Dr C. Haritha from Simhapuri Super Speciality hospital addressed the gathering and gave valuable precautions and tests related to the cancer.
12. Organized NATIONAL UNITY DAY on 31st October 2018 at GIST campus.

13. Organized National Education Day on 11th November 2018 at GIST campus
On the occasion of national education day the College have organized the Quiz, Essay Competition.
14. World Poetry Day was organized in association with World Union of Poets, Italy at GIST on 21st March 2018.
15. 'Geethanjali Telugu Sabha' conducted 'Telugu language day' at GIST on 29th August 2018 on the occasion of Telugu language formation day by inviting Dr. Ch. Venkateswara Rao, a retired Telugu Lecturer and poet as chief guest. Various competitions were conducted for students on this occasion for the promotion and awareness about Telugu language in the present generations and prizes were distributed to the winners.
16. **Dr. Ch. Veeranjanyulu**, Librarian in association with SALIS Nellore Chapter, organized awareness programme on 'Improving reading habits among hostel children in Kavali area of Nellore District' at JawaharBharathi Junior college Kavali on 28th October 2018.

UNNAT BHARATH ABHIYAN

GIST has been approved under UnnatBharathAbhiyan 2.0 (UBA) Scheme of AICTE for conducting Surveys, understand and report the conditions prevalent in the identified villages of Gangavaram, Pothireddypalem, Rebala, Damaramadugu and Penuballi.

c) Student Development/Training Programmes & achievements.

Student paper presentations:

- D. Gayathri, II B.Tech ECE and Won I place in poster presentation, Md. Uzma and P. Shilpa , II B.Tech ECE, S. Chandini, P. Jahnavi Won III place in paper presentation, at "National Level Student Technical Paper & Poster Presentation contest - Technoquest 2018" organized by Dept. of ECE , NBKRIST on 13th October 2018.
- R. Himakar Ganesh, III B.Tech ECE, won II Prize in paper presentation at "AXION", A National Level Technical Symposium Organized by Department of ECE, NBKRIST, Vidyanagar, on 19th March 2018.
- **SK. Imam Basha(152U1A0239), Sai Raghavendra(152U1A0251), Vishnu Priya(152U1A0202), Vasantha (152U1A0227), Mohsina (152U1A0242)**, of III EEE had won the FIRST prize in the Technical Quiz held in INSPIRON-2018

during the event “A National Level Technical Symposium” organized by Department of EEE, NBKRIST, Vidyanagar, Nellore on 08 March 2018

- **Vamsi Krishna (152U1A0233), Rajendra Prasad (152U1A0211)** and Shamir (162U5A0213) won FIRST prize in the Technical Quiz organized by NEC, Nellore on 08 March 2018.
- **Swetha(152U1A0205) and Mohsina (152U1A0242)** won 3rd prize in the paper presentation on “PID controllers using AMFIS technique” held in INSPIRON-2018 during the event “ A National Level Technical Symposium” organized by Department of EEE, NBKRIST, Vidyanagar, Nellore on 08 March 2018
- **Sai sasidhar (152U1A0229)** had won 2nd prize in paper presentation on “Multipulse AC DC converter” in NEC, Nellore on 08 March 2018.
- P. Vishnu Priya and M. Madhavi of IIIrd EEE won 3rd prize in the paper presentation on Hybrid vehicles in Technoquest 2018 “A national Level student technical paper and poster presentation contest” on the 13th October 2018 held on NBKRIST, Nellore.
- P. Sreevidya of IInd EEE had secured 1st prize in the event of paper presentation on “Home automation by using Internet of things” at National Level technical Symposium NTSEE-2018 organised by NEC, Nellore on 13th October 2018
- P. Rajeswari of IInd EEE has won 1st prize in the paper presentation on title “Vehicle Control System by using IR Transistor” in Technoquest 2018 “A national Smart grid in Technoquest 2018 “A national Level student technical paper and poster presentation contest” organised by Department of EEE on the 13th October 2018 held on NBKRist, Nellore.
- P. Rajeswari and K.Sruthi of IInd EEE has won 1st prize poster presentation on title “Vehicle Control System by using IR Transistor organized by Department of EEE on the 13th October 2018 held on NEC, Nellore.
- P. Vijaya, IV B.Tech Mech., participated and won First place in technical paper presentation at One Day National level Technical Symposium on Advances in Mechanical Engineering “SAMYANTRANA – 2K18, organized by Dept. of Mechanical Engineering, NEC, Nellore, on 27th October 2018.
- V. Kartheek, A. Siva Prasad, G. Ajay kumar, M. Athikbaig, V . Sai Pavan and R. Nikhil, IV B.Tech Mech. Students are participated and won First place in 3rd

National level Student Technical Fest on "MEXODIA, organized by NBKRIST, Nellore, on 09th & 10th March 2018.

Student Publications:

1. S. Sreenivasulu, N. Jahnvi, B. Nagalakshmi published a paper "Detection of Forest Fire using HOG Approach" in IJITECH in June,2018,Vol-06,pages 0394-0398.
2. S. Keerthana, P. Puja and K Radhika published a paper on "Latent finger print Matching using robust alignment algorithm" in IJCRLS in April, 2018, vol.7 Pages 1830-1835.
3. B. Subhashini, Ch. Gowripriya and V. Bhaskar Rao published a paper on "Simulation and analysis of Sub sampled filter bank design for multimodal medical image fusion based on wavelets transformations" in IJCAR in May, 2018, vol.7 Pages 12920-12924.
4. Kolamala Jhansi rani, MoramreddyRadha and Radhika. K published a paper on "PAPR Reduction for OFDM based massive MIMO systems using selected mapping technique" in March 2018, vol.09, issue 03.
5. P. Krishnakishore, Y. naveen Kumar and P. Sreenivasulu published a paper on "Synthesization pf Low power digital signal processor Architecture" in IJIRMPS in May 2018, Vol.6, issue 4.
6. I. Nikhila, K. Divya and P. Raghava Reddy published a paper on "Low Power and area efficient shift registers using pulsed Latches" in IJARIIT in 2018, vol.4, issue 3.
7. P. Sreenivasulu, V. Anilkumar and D. Nagajyothi published a paper on"DACA: The solution for future demands" in IJCAR in May, 2018, vol.7, Issue 5(E).
8. K. Pradhyumna Kumar, M. Guruprasad and SK. M. Shahina published a paper on "A review upon discrete curvelet transforms in satellite image processing" in IJCAR in May, 2018,vol.7,Issue5(x).
9. Sk. Suhana, Y. tejaswini and P. Madhavi published a paper on "Design and analysis of VLSI circuits speed using CNFET technology" in 2018 in IJARIIT, vol.4, Issue 3.
10. Sd. MahinTabassum, Sk. Shabnam and V. Bhaskar Rao published a paper on "Iris recognition based on human interpretable features" in 2018, in IJARIIT, vol.4, Issue 3.

11. U. Sreenivasulu, R. Sreelakshmi and Sk. Arifa published a paper on "IoT based Irrigation System by using Distributed wireless network" in IJSETR in June, 2018, vol.7, pages 1226-1230.
12. Supraja Akula, Lalshmi Bhavani Hemadri and Nagajyothi D published a paper on "Face recognition under Non-uniform motion blur, illumination and pose variations" in IJCAR in May 2018, vol.7, Issue 5(E), page no. 12585-12588.
13. Sai Bhavya, Mahesh kumar published a paper on "Design of high-speed multiplier by using carry select adder" in IJARIIT, vol.4, issue 3.
14. Veenareddy G, Venkatasravani M and Sreenivasulu U published a paper on "selective transistor redundancy for combinational circuits to reduce faults" in IJCAR in May 2018, vol.7, Issue 5(J), page no: 12871-12874.
15. M. Shasini, M. Manideepika, J. Saisravani published a paper on "An Advanced garbage monitoring system using internet of things" in IJATIR in June 2018, Vol.10, Issue 06, pages: 0713-0715.
16. K. Harshitha, K. Sreeja, N. Manusha, E. Harika and P.V. Krishna rao published a paper on "zigbee based intelligent helmet for coal miner's safety purpose" in Jan-June 2018, vol.06, issue.01, pages: 0403-0406.
17. Sk. Anzala, N. Anitha and Mr. P. Sreenivasulu published a paper on "Identification of fungal diseases in paddy fields using Image processing techniques".
18. S. Sreenivasulu, N. Jahnavi, B. Nagalakshmi Manogna, K. Vasundara, N. Susmitha published a paper on "Detection of forest fire using HOG Approach" in Jan-June 2018, Vol.06, Issue 01, Pages:0394-0398.
19. II Year Mechanical Engineering Students, Spurgeon Pynam, Bharath Potlapati, Published a paper titled "**The Role of Big Data In Mechanical Engineering Design**" in August-2018, ISSN-2349-5162, Volume-5, Issue-8, JETIR

Student Training programmes

1. I. Siva Sailaja, P. Ramya Sree, K. Sai Priya participated in "IoT: A hands-on tutorial" & "Design of passive components for wireless applications" workshop @ IIIT Sri City, Project Expo, 06-10-2018
2. D. Sujatha, K. Vishnu Priya participated in "Android Application Design" workshop conducted by Sky FI Labs @ Mohan Mantra-2K18, Sreevidyanikethan Educational Institutions, Tirupati, 30-09-2018 to 2-10-2018

3. P. Yamini, S.V. Rupa Rani participated in " Machine learning: A hands –on tutorial using python & smart transportation "workshop @ IIIT SriCity, project Expo , 06-10-2018
4. K. SaiPriya participated in "computer vision :Applications of deep learning" workshop@ IIIT SriCity, project Expo , 06-10-2018
5. P. Yamini, M. Haritha, P. Sai Chandana, M. Pravallika participated in state pre-finals of ICT academy youth talk ,@RVR &JC college of Engineering, Guntur, 23-03-2018
6. J. Bhuvaneshwari participated in SMART INDIA HACKATHON-software edition,30-03-2018 & 31-03-2018.
7. K. Kavya, M. Haritha participated in district-level Ideate & Innovate Challenge, @Cyber Thon, 2018(APITA)
8. Sk. Afrin Shenaz presented a paper on "Programming Languages"@ E-CON 2K18, Muthyalammal Engineering college(Autonomous), TamilNadu,22-02-2018.
9. Ch. Jyothsna presented a paper on " Loon, J. Bhavani has presented a paper on " Block chain technology" M. Yathisha Lakshmi on "Remote control floor cleaner" K. Sushma on "Remote control floor cleaner" A. Sri Bhargavi on "Google wave forms", A. Sandhya Rani & P. Manasa on " Cloud computing", Sucharitha& A. Sowmya on "software Development Model", P. Yamini& P. Maneesha on "smart garbage monitoring System", and secured 3rd prize @Mohan Mantra-2K18, Sreevidyanikethan Educational Institutions, Tirupati, 30-09-2018 to 2-10-2018
10. M. Yathisha Lakshmi, K. Sushma presented a paper on "microelectronic pill, @EITRONS-2K17, NEC, Nellore(28-10-2017)
11. V.SrilakshmiNavya presented a paper on "Artificial Intelligence and machine Learning" I.Sangeetha Kamakshi on "Artificial Intelligence and machine Learning" @AROHAN-2018, NEC,Nellore(March 17th)
12. P.Gopi Chand Reddy & P. Sri Ram Chaitanya presented a paper on "5G new technology", @ TECHROMA-2K18, NEC,Nellore.
13. Ms. P. Bhagya Lakshmi, II B.Tech ECE, Participated in poster presentation at "A National Level Student Technical Paper & Poster Presentation contest - Technoquest 2018" organized by Dept. of ECE , N. B. K. R Institute of Science & Technology on 13th October 2018.

14. Mr. G. Sampath Kumar, II B.Tech ECE participated in the Event "CODE-GEEK" in a National Level Techno-cultural Fest "Mohan-Mantra" Organised by SreeVidyanikethan Educational Institutions from September 30th – October 2nd 2018.
15. Ms. V. Nomitha Sai, Ms. K. Vishnu priya, Mr. P. Vishvanadh and Mr. G. , III B.Tech ECE, participated in paper presentation in SIGMOID 2K18 at S.V Colleges, Tirupathion 12th and 13th march 2018.
16. Ms. Vishnu priya, III B.Tech ECE, Participated in "Principles and practices behind building search engines and deep learning with tensor flow on google cloud platform" Workshop, at Indian Institute of information technology, Sri city, Chittoor held on 6th October 2018.
17. Ms. P. Navaneetha, II B.Tech ECE, Mr. T. Anil Kumar, III B.Tech ECE Participated in "Andhra Pradesh Innovation Society's iBootUpIoT Series" Workshop from 30th August 2018 to 1st September 2018 Conducted by AP Innovation Society & iB Hubs at DBS Institute of Technology, Kavali.
18. Mr. Vamsi Krishna (152U1A0233) and Mr. Rajendra Prasad (152U1A0211) of III-EEE participated in the paper presentation on " Unified Power Quality Conditioner(UPQC)" held in INSPIRON-2018 during the event " A National Level Technical Symposium" organized by Department of EEE, N.B.K.R. Institute of Science and Technology, Vidyanagar, Nellore on 08 March 2018
19. Ms. Vishnu priya (152U1A0202), Ms. Bhargavi (152U1A0203) participated and presented a paper on geo thermal energy at Narayana Engineering College, Nellore on 08 March 2018.
20. Ms. Lavanya (152U1A0201) and Ms. Likhitha (152U1A0231) of IIIEEE participated in the paper presentation on "Artificial intelligence in power systems " held in INSPIRON-2018 during the event " A National Level Technical Symposium" organized by Department of EEE, N.B.K.R. Institute of Science and Technology, Vidyanagar, Nellore on 08 March 2018
21. Ms. Salma (152U1A0245) and Ms. Bhargavi (152U1A0203) of IIIEEE had participated in the poster presentation on "Transformer oil conditioning monitoring using GSM technology" held in INSPIRON-2018 during the event " A National Level Technical Symposium" organized by Department of EEE, N.B.K.R. Institute of Science and Technology, Vidyanagar, Nellore on 08 March 2018

22. Ms.Swetha (152U1A0205), Ms.Mohsina (152U1A0242) of IIIEEE participated and presented a paper on “Super capacitor” organized by Department of EEE,Narayana Engineering College,Nellore on 08 March 2018.
23. Ms.Salma (152U1A0245), Ms.Likhitha (152U1A0231)of IIIEEE participated and presented a paper on “Power generation using rail track” organized by Department of EEE,Narayana Engineering College,Nellore on 08 March 2018.
24. Ms.Vasanth (152U1A0227), Ms.Suvarthavani(152U1A0228) participated and presented a paper on “PLC SCADA” organized by Department of EEE,Narayana Engineering College,Nellore on 08 March 2018.
25. Ms.Lavanya (152U1A0201), Ms.Likhitha(152U1A0231) had participated and presented a paper on “Parallel hybrid electrical vehicle”in Narayana Engineering College,Nellore on 08 March 2018.
26. Ms.Aishwarya (152U1A0212) had participated and presented a paper on “Air blast circuit breaker “in GIST on 24 March 2018.
27. Mr.V.Kalyan(152U1A0254) and Mr.Sai Raghavendra(152U1A0251) of III-EEE had participated in the paper presentation on “ SCADA POWER GRID on DISTRIBUTION” held in INSPIRON-2018 during the event “ A National Level Technical Symposium” organized by Department of EEE, N.B.K.R.Institute of Science and Technology,Vidyanagar,Nellore on 08 March 2018.
28. B.Bahargavi of II EEE participated in poster presentation on transformer oil condition monitoring using GSM technology in INSPIRON 2018 “A national Level Symposium” organised on the 8th March 2018 held on N.B.K.R Institute of Science and Technology, Nellore.
29. Ms.M.N.VaishnaviPriya(162U1A0217) and Ms.C.Sreelatha(162U1A0208) of II-EEE had participated in the paper presentation on “SMART GRID and WIRELESS COMMUNICATION held in INSPIRON-2018 during the event “A National Level Technical Symposium” organized by Department of EEE, N.B.K.R.Institute of Science and Technology,Vidyanagar,Nellore on 08 March 2018.
30. D.MeghanaPriya,M.Madhavi of III EEE and M.N VaishnaviPriya of III EEE participated in the paper presentation on Smart grid in Technoquest 2018 “A national Level student technical paper and poster presentation contest” organised by Department of EEE on the 13th October 2018 held on N.B.K.R Institute of Science and Technology, Nellore.

31. B. Yaswanth of II EEE participated in the event of paper presentation on "Advanced wireless communication" at National Level technical Symposium NTSEE-2018 on the 13th October 2018 held on Narayana Engineering college, Nellore.
32. Students participated in a 2 day National level Student Technical Symposium conducted by Mech. Engg., SVU College of Engineering, Tirupathi, Chittoor, on IC Engines during 16th & 17th March 2018.
33. N. Sukanthmitra III Year Mech. Engg Student participated in a 2 day National level Student Technical Symposium conducted by Mech. Engg., SVU College of Engineering, Tirupathi, Chittoor, on CNC Programming during 16th & 17th March 2018.
34. V. Sai pavan III Year Mech. Engg Student participated in a 2 day Cluster level NAIPUNYA-APSS competition conducted by Mech. Engg., SVU College of Engineering, Tirupathi, Chittoor, on IC Engines during 19th & 20th April 2018.

d) Faculty Development/Training Programmes & achievements.

Workshops attended by faculty:

- All the faculty members of GIST attended "An ICT Mode Outcome based education", 5 day Workshop during 24th Sep 2018 to 28th Sep 2018, association with NITTTR, Kolkata, at GIST.
- Dr. Syed Jeelan Basha, Professor, ECE, Attended Three days International conference on "A Novel Blind Watermarking System Using ARDWT" organized by Indian Institute of Advanced Research- 9th International Conference, Hyderabad, Telangana, 25/03/2018-27/03/2018
- P. Raghava Reddy, Attended Three day Work shop on "Artificial Intelligence and Deep Learning" organized by MITS, Madanapalle from 21 /6/2018 to 23/6/2018.
- P. Raghava Reddy , K. Prabhakar Reddy & M. Sivakrishna ECE, Attended Two day Work shop on " Introduction to Robotics" organized by SVCE, Tirupathi, on 28 /6/2018 to 29/6/2018.
- M. Sivakrishna, Assistant professor ECE, Attended Three day Work shop on " Embedded systems Designs using TIVA" organized by JNTUA Ananthapuramu, on 19 /4/2018 to 21/4/2018.

- Prof. T.N.V.L.N KUMAR, T Ravikumar, MuraliDasari, G. Subbaiah, M. Rajesh attended One week work shop on a topic of Smart Grid Technologies from 04-June to 09-June 2018 at NEC , Nellore.
- Dr. Raja Reddy Duvvuru attended Six Days International Training Workshop on “FUZZY LOGICS WITH APPLICATIONS” Organized by the Department of Electrical Engineering, IIT(BHU)-Varanasi, during March 20th -25th -2018.
- K. RAMANA REDDY, attended five days advanced level course (workshop) on “**Concrete: micro structure characterization**” under global initiative of academic networks (GIAN), MHRD organized by the department of Civil engineering, NITK, Surathkal from 18 June 2018 to 22 June 2018.
- P. Sai Pradeep, Asst. Professor, attended in international short course on “pavement Geotechnics with Geosynthetics” conducted by school of Civil engineering, Vellore Institute of Technology (VIT), Vellore on 27 Sep 2018.
- N. Anjaneyulu, P. Sreenivasulu, Y. Muralikrishna, Ch. Manikiran, M.V. Raja, attended a 1day workshop on “**Evolution of the Automotive Interiors**” at CR REDDY Engineering College. Eluru on September 15-2018.
- Y. Muralikrishna and K.R. Sreedhar, attended a Five day workshop on “**CNC Training**” at Chennai, from 17/09/18 to 21/09/18.
- K.R. Sreedhar, attended a Two day workshop on” **e-Yantra lab setup initiative**” at SVCE, Tirupati on 28th& 29th June-2018
- D. Swaroopa, Asst. Prof. in S&H participated in anInternational Conference “Emerging Trends in Business and Commerce” organized by NEC, Nellore, Andhra Pradesh on 6th Oct. 2018
- Dr. P. Chakrapani, Assoc. in Management, presented a paper on “Customer Attitude towards Super Markets – A Factor Analysis Approach “at International Conference on Emerging Trends in Business & Commerce, at NEC, Nellore, held on 06th October, 2018.
- **Dr. Ch. Veeranjanyulu**, Librarian presented a paper on “Digital preservation with special reference to Digital India: Make documents online for safe, security and access” at National Conference on ‘Role of Libraries in creating Knowledge society’ conducted by Alagappa University at Karaikudi, Tamilnadu during 7th - 8th September, 2018

FDPs attended:

1. P. Raghavareddy, U. Sreenivasulu, S. Sreenivasulu , Associate professor ECE, Attended one week FDP on “ Trends in Speech Processing and Language Processing in Relevance to Telecommunication and machine learning” organized by NEC, Nellore, 4/06/2018- 09/06/2018
2. SK. Mahaboobasha, Professor ECE, P. Raghava Reddy, Attended one week FDP on “computer vision and image processing” organized by NEC, Nellore association with INSTANZ GLOBAL SOLUTIONS, BANGALORE, from 23 /6/2018 to 29/6/2018.
3. S. Sreenivasulu, U. Sreenivasulu ECE, Attended one week FDP on “ Internet of Things” organized by NEC, Gudur, 22/12/2018- 28/12/2018
4. P. Raghava Reddy, D. Nagajyothi, K. Prabhakar Reddy Associate professor ECE, Attended five day’ s FDP on “Signal processing Applications using NI labview with multisim” organized by NEC, Nellore in association with NI instruments - on 17/8/2018 to 21/8/2018
5. **Dr. Ch. Veeranjanyulu**, Librarian Attended a workshop on ‘KOHA: Library Management Software’ conducted at IIT Mumbai in association with National Virtual Library, Ministry of Culture Government of India on 29 September, 2018.

Book Published:

- Dr. Y. Jahnavi Published book in the name of “A New Term Weighting Algorithm for Identifying Sailable Events”. Publisher Name:LAMBERT Academic Publishing **ISBN Number:978-613-6-87638-2** in the year 2018
- Dr.P.Vinoth Kumar, Associate Professor, EEE, **Grid power Converters for Wind and Photovoltaic Systems published in Kongu Nadu Publications India Pvt Ltd. ISBN 9789385517631**
- **Circuit theory & Basic Electrical, Electronics and Measurements Engineering, Charulatha Publications**

Faculty achievements:

- **Dr. M. Mathan Kumar** of Geethanjali Institute of Science and Technology, has won State Cloud Champion Award in Cloud Literacy Month 2018 in the Coordinator Category held during the year 2018.

- **Mr. K. Sreenivas** of Geethanjali Institute of Science and Technology has been awarded Class B Award in e-Yantra Task Based Training for completing all assigned tasks in Task Based Training during July 4 2018 to October 4, 2018.
- Dr. Shaik MahaboobBasha, Professor ECE, has been elevated to the grade of senior member grade ACM which is highest professional grade of the IEEE.
- K. Naveen, Associate professor ECE, has been appointed as a secretary of student activities of IEEE Anantapuramu sub section.
- Dr. Shaik MahaboobBasha, Professor ECE, was approved as Recognised Supervisor for PhD in JNTUA, Anantapur.
- The following Three faculty members got their PhD degrees during past one year.
- **Mr. M. Ganapathi**, Associate Professor, Geethanjali Institute of Science and Technology is awarded with Ph.D. in Mathematics on 9th April 2018 from Sri Venkateswara University, Tirupati, for the thesis entitled “Some theoretical studies in the lubrication of circular and non-circular bearings considering additives and thermal effects”.
- Dr. P. Nagendra Kumar – PhD from VikramaSimhapuri University, Nellore in Computer Science & Engineering
- Dr. P. Kiran – PhD from NIT Surathkal in Physics

Conferences organised

- *“International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18)”* was **organized by Department of CSE during 24th – 25th August 2018** with the Chief guest **Dr. SubhransuSekhar Dash**, Professor and Head Department of Electrical Engineering, Government College of Engineering, Odisha. The Guest of Honour **PROF. BILAL SALIH ABED ALHAYANI, Ph.D.**, University in Istanbul, Turkey. The International Conference attracted over 136 submissions. Through rigorous peer reviews 82 high quality papers were recommended by the Committee. The Conference aptly focused on the tools and techniques for the developments on current technology.
- **One day SEMINAR on** “Cyber Security in Everyday Life” **” was organized under joint auspices of department of CSE and NATIONAL CYBER DEFENCE RESEARCH CENTRE** in association with **CSI on 3rd November 2018. Resource person T.T. Harish**, honorary chair member of NCDRC.

- One Week Faculty Development Programme on “**Hadoop**” was successfully conducted by ICT academy in association with CSI from **30th July to 4th August 2018**.
- Two-Day Faculty Development Program on “**Introduction to R Programming**” was successfully conducted by ICT academy on 6th and 7th April 2018.
- **Dr. Ch. Veeranjanyulu**, Librarian Conducted a workshop on ‘KOHA: Library Management Software’ in association with National Virtual Library of India, Ministry of Culture Government of India and IIT Mumbai at Our institute ‘Geethanjali Institute of Science and Technology’ Nellore on 12 October, 2018 and more than 40 working librarians participated in the workshop.

Workshops Organised:

- Organised a Three Day Workshop on **GOOGLE ANDROID DEVELOPER FUNDAMENTALS** (Phase-2) delivered to the students Mobile Application through Android Under the auspices of Andhra Pradesh State Skill Development from 19 March 2018 to 21 March 2018.
- Organised a **One Day Workshop on Cyber Security** by CH. Veerabhadra Rao and G. Vinay of ESF Labs Ltd on 10th April 2018 under the guidance of Andhra Pradesh information technology academy (APITA)
- Organised a Two Day workshop on **AWS Technical Essential** by Ramdeep and Raghavendra Rao, the trainers of APSSDC, from 6th to 7th August 2018 in collaboration with CSI.
- One Week Workshop on “Arduino Programming and Applications for Electrical Engineering” by Suresh, Assistant Professor, EEE, S.A. Engineering College held on 28-09-18 to 05-10-18. The students learned about the Case study of Traffic light, Status Monitoring of Street Light, Street Light Control.
- The students got awareness on the Android controlled Arduino and got the ideas and tips for modeling the robot for competitions and expiations by the Demo given on the Line follower Robot and Guesture Control. On the successful completion of the workshop the students were issued with the certificates.
- A One dayNational level Faculty workshop was organized by department of mechanical engineering on “**3D printing**” during on 25th August 2018. Resource person: Dr. Y Ravi Kumar, Associate Professor, NIT Warangal

Faculty Publications:

- P Chandrakala, P Anusha published a paper in the International Journal of Scientific Research and Review on “Implementing Aadhar Voting System in Election using RASPBERRY PI” on October 2018.ISBN/ISSN number:2279-543X.
- S. Sumalatha published a paper in the Applied Intelligence, Springer on “ A novel Map Reduce algorithm for distributed mining of sequential patterns using co-occurrence information on August 2018.ISSN : 0924-669X
- Dr. M. Mathan Kumar published a paper in the International Journal of Pure and Applied Mathematics (IJPAM) on “A Survey on the Security Features of Wireless Ad-Hoc Networks” on June 2018.ISBN/ISSN number: 1314-3395.
- P. Radhika published paper in International Journal on Engineering and Technology (IJET) on “An efficient Scheme for Big Data Privacy Preserving policy in cloud.
- Dr. Sk. MahaboobBasha, Professor in ECE & G. Kiran Kumar, Associate Professor, ECE, published a research paper “Synthesization of Low Power Folded Tree Digital Signal Processor Architecture for WSN Applications” in International Journal of Engineering & Technology, Vol.7 (2018).
- K. Radhika, Associate Professor, ECE, “A Robust Approach for Multi Spectral Image Classification”, International Journal of engineering & technology, Vol7, Issue: 7, Pg.No:476-478, Jul-18, ISSN NO: 2229-5518.
- P. Madhavi, Associate Professor, ECE , “Design and analysis of VLSI circuits speed using CNFET technology”, International Journal of advance research ideas and innovations in technology, Volume 4, Issue 3, Pg.No:185-189, May-18.ISSN: 2454-132X.
- K. Radhika, Associate Professor, ECE, “Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images”, International Journal of Engineering &Technology, Vol 7, Issue: 7, Pg.No:472-475, Jul-18, ISSN NO: 2229-5518.
- P. Raghava Reddy, Associate Professor, ECE, “Low power and area efficient shift registers using pulsed latches”, International Journal of advance research ideas and innovations in technology ,Volume 4, Issue 3, Pg.No:1853-1856 , May-18.ISSN: 2454-132X.
- Dr. R. Solomon Roach, Associate Professor , ECE , “Resource Minimization And Power Reduction Of ESPFFIR Filter Using Unified Adder/Subtractor”, Journal of

Analog Integrated Circuits and Signal Processing (AICSP), Volume 10, Issue 2, Pg.No:719-723, July-18. ISSN 0925-1030.

- Dr. Sk. MahaboobBasha, Professor in ECE & G. Kiran Kumar, Associate Professor, ECE, published a research paper “Synthesization of Low Power Folded Tree Digital Signal Processor Architecture for WSN Applications” in International Journal of Engineering & Technology, Vol.7 (2018).
- Dr. Raja Reddy Duvvuru published a paper “Performance of generalised unified power flow controller in transmission system”, International Journal of Renewable Energy Technology, Vol. 9, Nos. 1/2, Inderscience, March-2018.
- T Ravikumar published a paper, “ Reconfiguration Of Distribution System And Optimal DG Placement To Enhance Voltage Profile And Reduce Losses”, in International Journal of Engineering and Techniques in April -2018. 3.
- Dr. A. JaffarSadiq Ali, Dr. P. Vinoth Kumar published a paper “Bidirectional Quasi Z-Source Inverter Fed PMSM Motor Drive coupled with Wind Energy System”, Journal of Applied Science and Computations in May -2018.
- T Ravikumar published a paper “A Method To Detect Islanding Condition Based On The Reactive Power Disturbance For Inverter-Based Distributed Generators”, Journal of Emerging Technologies and Innovative Research in April -2018.
- Sk. Dilkusha, published a paper on “Laboratory Investigations of Stone Matrix Asphalt by using Natural Fibres” in International Journal for science and advanced research in technology on AUGUST 2018, ISSN [ONLINE]: 2395-1052 Volume 4 Issue 8.
- M. MahendraBabu Published a paper titled “**Experimental investigation of cutting force and tool wear in turning process for a HSS single point cutting tool using mathematical model and ANN model**” in January-2018, ISSN: 2456-0774, Volume-3, Issue-1, IJASRET.
- P. KrishnaChaitanya, RahamathBasha Shaik, and Sd. Imran, Published a paper titled “**Experimental Analysis on Pulse Tube Refrigerator**” in March-2018, ISSN: 2320-2882, Volume-6, Issue-1, IJCRT.
- Mr. P. Sreenivasulu, RahamathBasha Shaik, and K. Haribrahmaiah, Asst.Professor, Published a paper titled “**Fabrication and Analysis of Portable Spot Welding Machine**” in March-2018, ISSN: 2393-8374, Volume-5, Issue-3, IJCESR.

- RahamathBasha Shaik, P. Sreenivasulu and K. Haribrahmaiah, Published a paper titled **“Fabrication and Testing of Solar Heat Collector by using Alternative Absorber and Glaze Materials”** in May-2018, ISSN: 2321-9653, Volume-6, Issue-5, IJRASET.
- B. Rajendra Singh, Assoc. Prof., Dept of English was published a paper “An analysis of English Question Papers of I B Tech of JNTU-A.” in Linked In on 1st June 2018
- Dr. M. Ganapathi, Assoc. Prof. in Mathematics published a paper “Stochastic Non-Newtonian Lubrication in Roller Bearings Considering Viscosity Variation and Thermal Effects” in IJMAA on Aug, 2018
- K. Narayana, Asst. Prof. in Mathematics published a paper “To find the domination number towards quotient of a Euclidean division algorithm of divisor 3 using an interval graph G” in IJRAR on August 2018.
- K. Narayana, Asst. Prof. in Mathematics published a paper “Some quotient properties on degree of vertices and domination number of the dominating sets and the complimentary dominating sets of an interval graph G” in JETIR on Sept. 2018.
- Dr. P. Haritha, Asst. Prof. in Physics, published a paper on “Role of $Dy^{3+} \rightarrow Sm^{3+}$ energy transfer in tuning of warm to cold white light emission in Dy^{3+}/Sm^{3+} co-doped $Lu_3Ga_5O_{12}$ nano-garnets” in New Journal of Chemistry, International Journal, Vol. 42. pp. 1260-1270, Jan 2018.
- Dr. P. Krishna, Assoc. Prof. in Chemistry, published a paper on “Chemoselective synthesis of new 5-amino-7-bromoquinolin-8-yl sulfonate ester derivatives and their antimicrobial evaluation” (In press, Phosphorus, Sulfur, and Silicon and The Related Elements).
- D. Swaroopa, Asst. Prof. in Management, published a paper on The Role of Competency Mapping in Human Resource Management in UPI Journal of Business Management and Computer Applications, pp 12-18, March 2018.
- Sd. GhousalAsvia Begum, Assoc. Prof. in Management published a paper on *“Current Scenario of Human Resource Development in India”* in an International Journal of Scientific Research and Reviews (IJSRR) with an ISSN No. 2279-543X, Vol.7, Issue 8, Pg Nos. 143-149, Aug.2018

- Sd. GhousalAsvia Begum, Assoc. Prof. in Management published a paper on *“Impact of HRD Practices on Organizational Development”*, in an International Journal of Management, IT & Engineering (**IJMIE**), with an ISSN No. 2249-0558 Vol. 8, Issue 9, Pg Nos. 132-155, Sept. 2018
- Sd. GhousulAsvia Begum, Assoc. Prof. in Management, published a paper with a title, *“Future of HRD-The Impact of Technology”* in a Asia Pacific Research Journal of Research (APJR) with UGC Approved Journal (Sl.No. 45797), Print ISSN No.2320-5504 & Online-E-ISSN No. 2347-4793, impact factor 6.58, Vol.1, Special Issue VI, Pg. Nos. 54-59, on 2^{6th} Feb, 2018 at Jain University, Bengaluru, Karnataka.
- **Dr. Ch. Veeranjanyulu** Librarian, his research article on ‘Utilization of journals by the faculty members of engineering colleges in Nellore District: A study’ published in ‘International Journal of Research in Humanities, Arts and Literature’ in Aug,2018

NPTEL CERTIFICATION

1. K. Radhika, D. NagaJyothi, Sk. M. Shahina had successfully completed the NPTEL online certification course “MATLAB for Numerical Methods” during February to April 2018.
2. D. NagaJyothi, Ms. Sk. M.Shahina had successfully completed the NPTEL online certification course “Introduction to Machine Learning” during August to October 2018.
3. P. Madhavi, M. Suhasini, C. Tejaswi had successfully completed the NPTEL online certification course “Digital Circuits” during July to October 2018.
4. V. Gayatri NPTEL online certification on “ Programming Data structures and algorithms using python”, “ Introduction to Machine Learning” , conducted by IIT Madras ,August-October,2018.
5. V. Bharathi, P. Anusha NPTEL online certification on “Discrete Mathematics”, conducted by IIT Kharagpur, July-October, 2018.
6. K. Sreenivas has Completed 8 Week NPTEL Online Certification on Database Management Systems Course (Aug-Sep 2018).
7. P. Chandrakala has certified NPTEL online certification on “Introduction to Internet of Things”, conducted by IIT Kharagpur, July-October, 2018.

8. P. Sreenivasulu and Y. Muralikrisna, attended a 1month NPTEL Online Certification Faculty Development Program on “Experimental stress analysis –An overview”, a four week course from 1/09/18 to 30/9/18.
9. P. Uma sai Krishna attended 8 week NPTEL online course on “hydration, porosity and strength of cementitious materials” from Feb-March 2018.
10. D. Nagajyothi, Associate professor ECE, Attended NPTEL-AICTE s FDP on “Introduction to Machine Learning” organized by AICTE- NPTEL on Aug 2018

MOU Signed:

- MOU with **Hynture Private Limited, Hyderabad** on 22 February 2018
- MOU with **VSS Innovative Technologies Private Limited** on 28 June 2018
- MOU with **Andhra Pradesh State Skill Development Centre** for establishment of CM’s Skill Excellence Centre on 09 April 2018.
- MOU with Ladder survey institute of technology, Chennai.

e) Infrastructure & support

Laboratory equipment procured

Electrical Machines Lab: Rs: 4,10,286.00

Control System & Simulation Lab: Rs:56,622.00

Power Electronics Lab: Rs:2,80,346.00

Electrical Circuits Lab: Rs:1,51,727.00

Electrical Measurement Lab : Rs:2,08,730.00

Accessories : Rs:14,986.00

- Purchase of **135** Desktop Computers in **Year 2018** and established 3 laboratories (CC1 , CC2 and Internet Lab in second floor)
- College tied up with APSSDC and procured **37 laptops** with high configuration in **Year 2018**.
- Purchase of **20** Desktop high configuration Computers in **Year 2019** to establish research lab.
- Double distillation unit, water bath and Digital weighing scale had procured for updating of Environmental Engineering lab.

S.No	Name of the lab	Name of the equipment	Cost (Rs/-)
1	Manufacturing Technology Lab	Gas Welding Machine	49463
2	Material Science & Engineering Lab	Jominy Quench hardenability Test Instrument	22,222
3	Metrology lab	1. 2 wire & 3 Wire Set with micrometer 2. Gear tooth vernier caliper(1-150mm)	28025 7005
4	Thermal Engineering lab	1. Variable Compression Ratio Petrol Engine test rig with Electrical loading (A.C)- Water cooled 2. Stroke, 1-Cylinder, Petrol Engine test rig with Mechanical loading – Air cooled	2,63,376
5	Machine Tools lab	1. Slotting machine Light Duty 2. Tool And Cutter Grinder Light Duty	70,210 80,240

f) JNTUA Valuations at GIST

Paper valuations of JNTU examinations held at GIST during June-July in four spells during 11th to 15th June 2018, 20th to 24th June 2018, 28th June to 2nd July 2018 and 27th to 31st July, 2018 (20 days). Over 450 faculty members participated in the valuations and evaluated over 1.3 lakh scripts successfully.

g) Sports & Games

- K. Manojkumar IV Year, B.Tech., Civil Engineering (152U1A0146) has participated in “inter south zone JNTUA selections” (chess) on 1st Oct 2018 at Swetha Engineering College, Tirupathi and won first place.
- **South Zone Participants 2018:**
- K. PRAVEEN (III-ECE) & G.AVINASH (III-EEE) selected for South - Zone KABBADI Organized at SRM UNIVERSITY, CHENNAI.
- K. MANOJ KUMAR (IV-CIV) selected for South zone Chess organized at MANIPAL UNIVERSITY, KARNATAKA.
- B. JAYAVARDHAN (II-ECE) selected for South zone Volley Ball organized at SRM UNIVERSITY, CHENNAI.

- District Level Achievements& Participants 2018:
- CRICKET (BOYS): Winners of Eenadu cricket champion ship 2018 held at PRIYADARSHINI ENGG COLLEGE, KANUPARTHIPADU, NELLORE
- T.SRINU – (III-DME) Secured 2nd place in 200 Mt. running race in district level Eenadu champion 2018 in sports & games meet held at AC SUBBA REDDY stadium, NELLORE. (on 09-11-2018)

h) Ratifications

S.No	Dept.	Name of the staff Member	Designation	Qualification	Ratification date
1	CSE	Andagonda Lakshmi Sravan Kumar	Assistant Professor	M.Tech	08-08-2018
2	CSE	Palem Chandrakala	Assistant Professor	M.Tech	08-08-2018
3	CSE	Sulrkha Deepthi Ganapathi	Assistant Professor	M.Tech	08-08-2018
4	ME	Vadlamudi Kathyani	Assistant Professor	M.Tech	08-08-2018
5	ME	Chakka Mani Kiran	Assistant Professor	M.Tech	08-08-2018
6	EEE	Dr.A.Jaffar Sadiq Ali	Assistant Professor	M.Tech	08-08-2018
7	EEE	Dr.P.Vinoth Kumar	Assistant Professor	M.Tech	08-08-2018
8	EEE	Swathi Jonna	Assistant Professor	M.Tech	08-08-2018
9	CIVIL	Bondala Mahendra Reddy	Assistant Professor	M.Tech	08-08-2018
10	CIVIL	Rajeswari Isanakula	Assistant Professor	M.Tech	08-08-2018
11	CIVIL	Shaik Nadim	Assistant Professor	M.Tech	08-08-2018
12	CIVIL	Patan Amjath Khan	Assistant Professor	M.Tech	08-08-2018
13	CIVIL	Paluri Uma Sai Krishna	Assistant Professor	M.Tech	08-08-2018
14	CIVIL	Vijaya Prathima	Assistant Professor	M.Tech	08-08-2018
15	ECE	M.Suhasini	Assistant Professor	M.Tech	08-08-2018
16	ECE	Naveen Kolla	Assistant Professor	M.Tech	08-08-2018

17	ECE	Yeluru Rajitha	Assistant Professor	M.Tech	08-08-2018
18	ECE	Durga Tejaswi	Assistant Professor	M.Tech	08-08-2018
19	ECE	Indla Divya	Assistant Professor	M.Tech	08-08-2018
20	ECE	K.Mohan Krishna	Assistant Professor	M.Tech	08-08-2018
21	ECE	Dr.A.Rajan	Assistant Professor	M.Tech	08-08-2018
22	ECE	Pasupuleti Venkata Krishna Rao	Assistant Professor	M.Tech	08-08-2018

i) Faculty Positions

All Faculty Positions are filled for the sanctioned 145 positions in the Academic year 2018-19 through duly constituted committee.

Department	Assistant Professors	Associate Professors	Professors	Total
CSE	15	10	1	26
ECE	15	12	3	30
EEE	7	6	2	15
MECH	14	2	2	18
CIVIL	22	1	0	23
S&H	23	9	1	33
Total	96	40	9	145

j) Admissions for the Academic Year 2018-19

B.Tech. STUDENTS DETAILS

2018-19				
S.No	Course	Branch	Approved Intake	Actual Intake
1	B.Tech	EEE	60	53
2		ECE	180	176
3		CSE	120	120
4		Civil	120	77
5		MECH	60	59
1	M.Tech	PE	9	0
2		CSE	9	0
Total			558	485

II Year Students (Lateral Entry Students)			
S.No	Branch	Approved Intake	Actual Intake
1	EEE	14	12
2	ECE	37	15
3	CSE	24	5
4	Civil	54	19
5	MECH	22	16
Total		151	67

k) Training and Placement activities

I am pleased to inform you that 152 students of our institution are got placed in various companies, Annual placement report during academic year 17-18 is attached for your kind reference

l) Library

**STATEMENT SHOWING THE DEPARTMENT WISE
TITLES AND VOLUMES FOR THE YEARS 2018-2019
BOOKS SUMMARY STATEMENT**

Sl.No.	Department			AMOUNT
		Titles	Volumes	
1.	CIVIL	19	57	26,049.59.
2.	EEE	14	27	13,261.80
3.	MECH	21	58	23,882.15
4.	ECE	20	59	30,641.25
5.	CSE	37	98	50,798.45
6.	S&H	22	51	18,511.25
7	DCE	21	97	14,311.50
8	DME	13	97	16,807.00
	PACKAGING CHARGES BILL NOS; 354 DT: 20.07.2018,			170.50

	&435 DT: 01.08.2018			
	TOTAL	167	544	1,94,433.49

iii) Proceeding items

a) Upgradation of Laboratories as per JNTUA R-15 regulations

Resolution No. 2: After scrutinising the revised Curriculum and discussions, it is resolved to recommend to establish the new laboratories and upgrade the existing laboratories to meet the curriculum requirements as recommended by JNTUA R-15 regulations for the Even semester of Academic year 2018-19.

b) NAAC & NBA Accreditation process for GIST – Fixing of deadlines

Resolution No. 3: After deliberating on various related issues, it is resolved to recommend that,

1. Training sessions and Workshops shall be conducted for staff members on NAAC and NBA accreditation procedures. They shall also be allowed to visit few reputed and accredited colleges for getting first hand exposure of the process
2. Teams shall be formed with staff members to attend the accreditation work of NAAC and NBA preparation.

c) Vacancies in senior teaching positions

Resolution No. 4: After assessing the existing faculty cadre ratios at the institution in all the Departments, it was observed AICTE norms were not satisfied. As the faculty cadre ratio is a major criteria for NAAC and NBA,

It is resolved to recommend that senior faculty members with Ph.D., qualifications shall be interviewed and appointed in all the Departments as per the AICTE norms.

d) Application for 12-B status of UGC

Resolution No. 5: It is resolved to recommend that the Institution shall

- Submit proposals to UGC for recognition of the Institution under Sec. 12-B of UGC Act during Dec. 2018 as the Institution has already been recognised under Sec. 2f of UGC Act.

e) Proposals - Feedback Analysis

From feedback analysis report we received the following proposals from various departments and all proposals are approved

S.No	Program	No of Programs	Proposed Branch	Approved/ Not Approved
1	Project Expo	1	CSE	Approved
2	Workshop	2	CSE	Approved
3	Workshop	2	CE	Approved
4	Motivation speech	1	CE	Approved
5	Guest Lecture	1	EEE	Approved
6	Workshop	2	EEE	Approved
7	Workshop	1	ME	Approved
8	Industrial Visit	1	ME	Approved
9	Industrial Visit	1	ECE	Approved
10	Workshop	3	ECE	Approved

f) Audited Accounts statement

The audited statement of accounts of the Institution for the Financial Year 2018-19 is placed before the Board. After reviewing the details, all the members acknowledged the procedure followed and appreciated the Finance Committee for precise submission of accounts for auditing. The proposal has been widely encouraged and all the items were approved by the members

g) Inclusion of new members to GB

Resolution No. 6: The following new members were inducted into the Governing Body of Geethanjali Institute of Science and Technology to strengthen the quality and functioning of the institution and achieve the vision of the institution through their vast knowledge and experiences.

1. Sri. V. Sudhakar Reddy
Executive Member,
Ushodaya Educational Society, Nellore &
Rector, Viswodaya Educational Society, Kavali
2. Prof. Dr. Y. Jahnvi
HOD/ CSE, GIST
3. Prof. TNVLN Kumar
Director (A&A), GIST

The request letters were sent to them and their consent letters were obtained. They shall be invited to attend the Governing Body meetings subsequently. All the members unanimously welcomed the initiative and approved the inclusion of new members in strengthening the Governing Body of GIST.

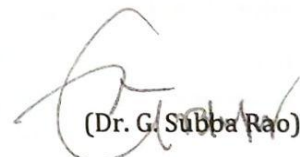
m. Financial assistance and incentive to faculty

Resolution No. 7: As per the guidelines approved in code book, Rs.64300 is given as financial assistance towards faculty development programs during academic year 17-18. The undersigned is requesting you to ratify the expenditure spent on faculty development program. The detail list of financial given to faculty is for your kind perusal.

All the items presented were discussed in detail in the meeting and all the members gave their consent for carrying the proposals for benefit and betterment of the Institution, faculty and students as a whole. The Chairman approved all the items and requested the Secretary to appraise the Management in implementing the proposals.

In conclusion, Sri D.B. Ravi Reddy, Chairman thanked all the members for spending their valuable time in useful deliberations and purposeful suggestions. He ensured a prompt and proper implementation of all the constructive suggestions given by the members. Prof. Dr. G. Subba Rao, Secretary of the Governing body, thanked all the members for attending the meeting.

The meeting concluded after all the members presented a vote of thanks to the Chair.



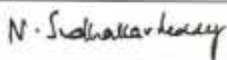
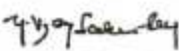
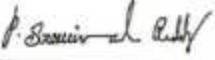
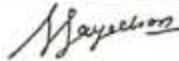

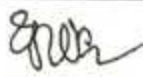
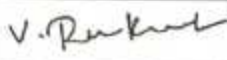
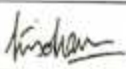


(Dr. G. Subba Rao)

Secretary, Governing Body
PRINCIPAL
**GEETHANJALI INSTITUTE OF
SCIENCE & TECHNOLOGY**
3rd Mile, Nellore Bombay Highway,
GANGAVARAM (V), Kovur (Md),
SPSR Nellore Dt. A P Pin : 524137

ATTENDANCE FORM

The XVI meeting of the Governing Body of Geethanjali Institute of Science and Technology, 3rd Mile – Bombay Highway, Gangavaram Village, Kovur Mandal, Nellore District, Andhra Pradesh – 524 137 was held on 23rd November 2018 at 10.00 AM in the college campus. Sri. D.B Ravi Reddy, Chairman, presided over the meeting. The following Members were present in the meeting: The following members attended the meeting.

S. No.	Name	Signature
1	Sri. D.B. Ravi Reddy, Chairman, Ushodaya Educational Society, Nellore	
2	Sri. J.S. Ranganayakulu Exce. Member, Ushodaya Educational Society, Nellore	
3	Sri. N. Sudhakar Reddy Secretary, Ushodaya Educational Society, Nellore	
4	Sri. Y. Vijaya Shankar Reddy Treasurer, Ushodaya Educational Society, Nellore	
5	Sri. P. Srinivasulu Reddy Joint Secretary, Ushodaya Educational Society, Nellore	
6	Sri. S. Jayachandran Exec. Member, Ushodaya Educational Society, Nellore	
7	Prof. Dr. K. Prahlada Rao Principal, JNTU College of Engineering, Anantapuramu	
8	Dr. Y.Dwarakanath Reddy Principal Govt. Polytechnic for Women, Nellore (Nominee of State Govt. Director of Technical Education, A.P)	
9	Prof.V.Rama Krishna Retd.Prof.Univ.of Hyderabad	
10	Sri. G. Jagan Mohan Vice President, Galla Foods Ltd. Tirupathi	
11	Prof. Dr. G. Subba Rao Principal, Geethanjali Inst. of Sci. & Tech., Nellore	