

**MINUTES**  
**of**  
**XV GOVERNING BODY MEETING**

*held on*  
**8<sup>th</sup> April 2018, 10.30 AM**

**GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY**

**3<sup>rd</sup> Mile, Bombay Highway, Gangavaram(V), Kovur(M),**

**Nellore District, Andhra Pradesh - India. 524 137.**

Web: [www.gist.edu.in](http://www.gist.edu.in)

## AGENDA

### Welcome Address by Secretary

#### **I. Confirmation of the Minutes of the XIV Governing Body**

#### **II. Information/Reporting items:**

1. University examinations and results
2. Departmental Activities.
3. Institutional achievements
4. Student Development/Training Programmes & achievements.
5. Faculty Development/Training Programmes & achievements
6. Infrastructure & support.
7. Professional Body Memberships
8. JNTUA Valuations at GIST.
9. Sports & Games
10. Training and Placement activities
11. Research and Development
12. Faculty positions
13. Approved Intake for various courses for Academic year 2018-19
14. To finalize and approve the budget proposals and estimates submitted by various departments for 2018-19

#### **III. Proceeding items:**

1. Laboratory upgradation as per JNTUA R-15 Curriculum
2. Faculty vacancies and recruitment
3. Application for permanent affiliation from JNTUA and 12-B status from UGC
4. Application for NAAC/NBA
5. Closure of PG Programmes from the AY 2019-20
6. Discussion on improvement of results

## **GOVERNING BODY MEMBERS-April 2018**

<b>S. No.</b>	<b>Name</b>	<b>Occupation</b>	<b>Address</b>	<b>Designation</b>
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 <sup>th</sup> 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 - 500 028	Member
10	Sri. G. Jagan Mohan Vice President, Galla Foods Ltd. Tirupati	Technologist	Galla Foods Ltd. O/o. Amara Raja Batteries Ltd. Karakambadi, Tirupati (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

## I. Confirmation of the Minutes of the XIV Governing Body

Confirmation of the Minutes of the XIV Governing Body meeting held on 09.12.17. After a brief discussion, the following resolution was passed:

**Resolution No. 1:** Resolved that the Governing Body unanimously approved the Minutes of the XIV Governing Body meeting held on 09.12.17.

## II. Information/Reporting items:

### 1. University examinations and results

2014 Batch	I	II-I	II-II	III-I	III-II	IV-I	IV-II
ECE - A	47.46	43.10	45.61	39.34	57.14	60.71	66.67
ECE - B	48.21	52.54	41.27	41.38	55.56	53.13	75.44
EEE	41.38	23.40	37.50	38.30	31.91	46.81	80.85
CSE - A	28.00	32.39	31.88	47.76	47.76	60.61	63.64
CIVIL - A	32.65	36.73	32.69	30.43	17.02	42.86	57.78
CIVIL - B	17.14	29.27	41.67	37.84	38.24	47.22	62.16
MECH	26.92	26.67	31.67	35.09	50.00	28.57	78.57
Overall	34.93	35.32	37.14	39.14	44.05	49.32	69.54
2015 Batch	I-I	I-II	II-I	II-II	III-I		
ECE - A	93.22	50.85	93.22	77.97	63.79		
ECE - B	60.34	15.52	63.93	31.15	29.51		
ECE - C	10.17	5.17	10.71	1.96	6.52		
EEE	45.45	33.33	34.33	18.18	50.75		
CSE - A	76.67	81.67	88.33	71.19	77.59		
CSE - B	38.33	39.66	59.32	28.81	34.48		
CIVIL - A	53.33	54.00	45.71	42.86	52.86		
CIVIL - B	21.28	4.44	20.75	8.93	24.56		
MECH	36.21	31.03	42.03	47.76	39.68		
Overall	49.03	32.20	51.26	37.23	43.31		
2016 Batch	I-I	I-II	II-I			2017 Batch	I-I
ECE - A	95.00	84.75	89.83			ECE - A	96.88
ECE - B	63.93	42.62	40.68			ECE - B	69.35
ECE - C	22.03	12.50	21.05			ECE - C	25.49
EEE	50.88	49.12	26.76			EEE	59.65
CSE - A	90.00	85.00	80.00			CSE - A	85.00
CSE - B	18.33	15.25	13.56			CSE - B	36.67
CIVIL - A	54.17	39.58	38.98			CIVIL - A	38.00
CIVIL - B	4.76	2.44	8.51			CIVIL - B	15.38
MECH	30.36	27.27	25.00			MECH	20.83
Overall	49.30	41.53	38.59			Overall	52.95

## **2. Department Activities.**

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

1. Organised a Two Day Workshop on JAVA PROGRAMMING by Mr. B. Sujith Babu, Senior Software Engineer, Tech. Mahindra, Bangalore.
2. Department of ECE in association with EMBEDDED WINGS, VISAKAPATNAM conducted Two Day Workshop on "PCB DESIGN", 119 students of II and III B.Tech ECE participated in workshop.
3. GIST organized One-day workshop "NBA Criteria and Preparation of SAR"
4. Department of ECE in association with APSSDC, Dept. of Skill Development, and Entrepreneurship & Innovation Govt. of Andhra Pradesh conducted a three day workshop on ELECTRONICS INNOVATION ZONE – EMBEDDED SYSTEMS, 67 students of III and IV B.Tech ECE participated.
5. Organized FDP on Two-Days Weekend Training Programme, (SSP) on INTRODUCTION TO MACHINE LEARNING conducted by IIT Kharagpur
6. One day POWER SEMINAR on "AWS and Industry Expectations" was organized under joint auspices of department of CSE and ICT academy. Resource persons were Mr. R.Chandran, Chief Information Officer, BahwanCybertek and Mr. Bharat Mohan, HR manager, Virtusa Polaris.
7. Organized a Two-Week ISTE STTP Faculty Development Programme on CMOS, MIXED SIGNAL AND RADIO FREQUENCY VLSI DESIGN externally funded by NMEICT (MHRD, Govt. Of India).
8. Organized a One-Week ISTE STTP Faculty Development Programme on ELECTRIC POWER SYSTEM funded by NMEICT (MHRD, Govt. Of India).
9. Organized a two day Faculty Development Programme on Pedagogy for Online and Blended Teaching and Learning Programme funded by NMEICT (MHRD, Govt. Of India).
10. Organized a Faculty Development Programme on "Machine Learning" at GIST through IUCEE
11. Conducted FDP on "FDP101x: Foundation Programme in ICT for Education" organized by IIT Bombay.
12. One-day Scilab workshop was conducted through NMEICT- IIT Bombay.

13. Department of ECE in association with APSSDC, Dept. of Skill Development, and Entrepreneurship & Innovation Govt. of Andhra Pradesh conducted a three day workshop on ELECTRONICS INNOVATION ZONE – EMBEDDED SYSTEMS USING IOT, 52 students of III B.Tech ECE participated.

#### **Industrial visits**

1. An industrial visit to Nelcast Ltd, Gudur, was organised for the III & IV year B.Tech MECH students.
2. III & IV B.Tech, EEE Students visited “WEBERS ELECTRIC PRIVATE Ltd”, Nellore
3. An Industrial Visit to NARL, Gadanki, Chittoor was organized for III and IV B.Tech ECE students.
4. An industrial visit to Somasila Dam, Nellore (Dt), was organized for the IV year B.Tech Civil students.
5. Three days Industrial visit to Mobile Programming Pvt ltd., Bangalore for IV B.Tech CSE Students.
6. An Industrial Visit to SDSC SHAR, ISRO, Sriharikota, was organized for IV B.Tech ECE students.
7. Two days Industrial visit to Intellect Design arena ltd., Chennai for III B.Tech CSE Students.
8. IIIB.Tech students of CSE visited **POLARIS** Chennai.
9. An industrial visit to Sri DamodaramSanjeevaiah Thermal Power Station, Nellore (Dt), was organised for the II year B.Tech MECH students
10. The 3rd year DME students visited SDSTPS, Nelatur.

#### **Guest lectures**

1. Dr. Sai Baba, Scientist & Director, Resource Management Group & Dean Homi Baba National Institute of Indira Gandhi Centre to Atomic Research Kalpakkam gave a lecture on Atomic Energy, Nuclear Power and Employment opportunities to IV Year B.Tech EEE students.
2. Third year B.Tech Civil Engineering students participated in the guest lecture on “THE FACTORS INFLUENCE ON TENSILE STRENGTH OF HARDENED CONCRETE, W/C RATIO” by Mr. G.Sudhakar, Deputy GM from Reliance.
3. P.SREENIVAS REDDY, Scientist ‘G’, DRDO, Hyderabad, delivered a guest lecture on DRDO MISSILE PROGRAMME to the B.Tech, III & IV year CSE students.

4. Department of ECE organized a guest lecture on “Image Processing for Remote Sensing Applications” by Dr. Surekha Borra, Professor of ECE, KSIT, Bangalore for III year B.Tech ECE students.
5. A guest lecture was conducted on ‘Effect of ingredients on the durability of concrete structures and remedial measures’ by Sri. NPN Moorthy, Asst Professor, Bapatla Engineering College.
6. A guest lecture was conducted on ‘Basics of Civil Engineering’ by Sri. P. Chandra Sekharaiah, Dy Executive Engineer, Irrigation and CAD Department, Tirupathi.
7. Mr. B. Sujith Babu, Senior Software Engineer, TechMahindra, Bangalore, delivered a guest lecture on JAVA PROGRAMMING to the B.Tech., III year CSE students of GIST .
8. Dr. K. Ramakrishna Prasad, Professor in Mathematics, Emeritus fellow (UGC) S.V. University, Tirupati, delivered a guest lecture on APPLICATION OF ENGINEERING MATHEMATICS to students of I & II year

### **3. Institutional achievements**

- GIST is successfully rated as 3\* Remote Center of IIT Bombay, and one among 75 Engineering institutions in that category accredited by NMEICT-MHRD, Govt. of India.
- GIST is recognized as a successful Valuation center of JNTUA (one among the five centers of the University) for the past three years and have perfectly valued over lakhs of answer scripts at the center without any complaints.
- GIST actively organising various events of IEEE, CSI, IETE, NPTEL and NMEICT activities and is planning to apply NBA Accreditation in the coming academic year.
- GIST proudly announces that it is an Anti - Ragging campus since inception and feels privileged to have over 40% girls in the campus which is more than the National average.
- The NSS Unit of GIST in its 8<sup>th</sup> year of successful existence, is spearheading its activities by organising various social service programmes, blood donation camps, medical camps, veterinary camps, village literacy awareness camps, eye camps and so on.

### **GIST Achievements:**

- **GIST** was approved by **AICTE** for implementing **PMKVY-TI** to impart skill training to unemployed youth in the **3 Sectors of Lathe Operator, Welding Operator and Mason Concrete, (To follow National Occupational Standards)** for which the institution shall get a **grant of about Rs. 12.00 lakhs during 2017-18**. Only three institutes in Nellore Dt., were selected.
- GIST was accorded **2f Status** by **UGC** during July 2017
- GIST Categorised as 'Gold Status Institution' in the AICTE-CII Survey of Industry linked Technical Institutes in India which was conferred on select 100 Engineering institutions all over India by MHRD, Govt. of India.
- Data has been submitted for **National ranking to the NIRF** for the year 2017-18. GIST has been submitting the data from 2015-16 regularly and in the present form, there is an appreciable improvement in the number of Publications, Placement, FDPs and overall academic development.
- GIST becomes a member of **Quality Circle Forum of India, (QCFI)**, Tirupathi Chapter, for Quality improvement activities and practices.
- **MOU** Signed with **Iternshala**, Gurgoan, Haryana, as an initiative of AICTE, for providing Internships for students in the forthcoming months.
- **MOU** Signed with **ICT Academy**, as an initiative of AICTE, for providing Power talks, Workshops, FDPs, AWS and ICT implementation in teaching-learning environment.
- MOU with CADeploy Engineering Private Limited, Hyderabad.
- MOU with Monal Enterprises, a placement initiative.
- GIST was accorded **CM's Center of Excellence**, one among the 100 Engg., institutions selected across AP and an MOU is executed between APSSDC, Govt. of AP and GIST. 37 Number of High end Laptops worth Rs. 14.21 Lakhs was provided by APSSDC for imparting Skill development for students through Udacity Nanodegrees, Google, Coursera with University of Irvine, UC San Diego, Amazon, and Autodesk Certifications.

### **General activities**

Freshers Days, Farewell days, Alumni meets and Teacher-Student-Parent meets were conducted successfully.



“World Space Week -2017”, held at GIST campus, in Association with SathishDhawan Space Centre –SHAR ,ISRO, Sriharikota ,during 8<sup>th</sup>& 9<sup>th</sup> October - 2017

GIST organised “Heartfulness” programme, (awareness on health) through Rama Chandra Mission, Nellore.

#### **NSS activities**

1. National Youth Festival was celebrated at GIST with 200 students from all the colleges at Nellore by NSS unit. Dr. M. L. S. Deva Kumar, the chief guest of the day enlightens the history behind the National Service Scheme
2. GIST NSS Volunteers participated in University Level Youth Festival organized by JNUTA at JNTUA, Anantapur on 16<sup>th</sup>February 2018 and secured II Prize in Quiz Competition.

#### **4. Student Development/Training Programmes & achievements.**

##### **Student’s activities at National/State level:**

1. The project titled “Design and development of Datalogger for live tracking of vehicles” designed by S D MohanaPriya of IV ECE, G Divya Reddy, Shaik ArshiyaTabassum of III ECE, The project titled DROT designed by K Pradhyunma Kumar, Vamsi M, P Sreenivasulu of IV ECE, The project titled “IOT BASED IRRIGATION SYSTEM” designed by SkArifa, R Sri Lakshmi of IV ECE are shortlisted for State Level Project Exhibition to held in Amaravathi, Vijayawada.
2. Sk. Sameeulla, K.Manoj Sai, A. Rupesh and R. Charan Kumar developed a model on SOLAR POWERED FOUR WHEELED VEHICLE, SK. Rafi, P. Sairam, SK. Abdul bashed and G. Akhilkrishna developed a model on GO-KART, R.Nikhil, V.SaiPavan, V.Karthik, M.AthikBaig, A.Siva Prasad and G. Ajay Kumar developed a model on FABRICATION OF HYBRID TRI-WHEEL AUTOMOBILE, Ch. Harsha Vardhan Reddy, M PavanKalyan, Md. ShakeerAfridh, Puli Mahesh and C. Shyam Kumar developed a model on ARDUINO BASED CNC MACHINE and exhibited at JNTUA and qualified for university level andshortlisted for State Level Project Exhibition to held in Amaravathi, Vijayawada.
3. The project titled “All Digital On chip Process Sensor Using Partitioned Inverter based Ring Oscillator” designed by G. Rajesh, G. Guru Prakash and M. Yachendra, The project titled “LOW POWER DIGITAL SIGNAL PROCESSOR ARCHITECTURE

FOR WIRELESS SENSOR NODES “designed by P. kishore, Y. Naveen kumar Reddy, P. Kesava Kumar, The project titled “DESIGN OF 64 BIT MULTIPLIER USING CARRY SAVE ADDER” designed by P. Sai Lahari, Sk. Bebejan, S. Sai Bhavya, The project titled “A FAULT TOLERANCE TECHNIC FOR COMBINATIONAL CIRCUITS BASED ON SELECTIVE TRANSISTOR REDUNDANCY “designed by G.Veena Reddy, S. V. Sravani, G. Palguni, The project titled “Design of a 64 bit Square root carry select adder using brentkung adder and BEC” designed by K. Himakar, J. Bhargav Sai, K. Surendra of IV ECE are shortlisted for second level in 2018 innovate FPGA Global Design Contest organized by INTEL and Terassic.

#### **Student paper presentations:**

About 50 technical papers were presented by students at various National and State level Workshops and Symposiums.

#### **Student Trainings**

1. G.Yaswanth Reddy, IV B.Tech ECE secured Campus Ambassador Internship at EntrepreneurshipCell,Delhi Technological University through INTERNSHALA on 27th October 2017.
2. M. Vamsi and P. Sreenivasulu of IV B.Tech, ECE completed two months training & internship in “Android and Angular JS” from 5th November 2017 to 6th January 2018 in ACE WEB ACADEMY, Hyderabad.
3. K.Pradhyumna Kumar of IV B.Tech,ECE had undergone a six week online winter training on WEB DEVELOPMENT from 6th December 2017 to 16th January 2018 through Internshala Trainings.
4. RVS. Narayana Kumar and G. Ravi Teja of III B.Tech,ECE successfully completed “Mini Project on “Implementation of Digital Filters on SHARC Processors using C “from 15th December 2017 to 06th January 2018 at Directorate of Navigation & Embedded Computers, Research Centre, Imarat,(DRDO),Hyderabad.

#### **5. Faculty Development/Training Programmes & achievements.**

##### **Workshops attended by faculty:**

Over 15 faculty members were permitted to attend National level Conferences and Workshops at various places across the country.

### **Faculty achievements:**

K. R Sreedhar Best Facilitator Conversion of vibrations into electricity by Piezo electric materials, 3<sup>rd</sup> Annual Chapter Convocation Organized by Quality Circle Forum of India Tirupathi chapter.

- Mr. M. Mahesh Kumar awarded as Best NSS Officer from JNTUA for second consecutive year.
- Mr. Naveen Kolla designated as “Committee Member” in IEEE Ananthapur Subsection for student activities for the AY 2017-18 by IEEE Hyderabad.

### **Conferences conducted and attended**

- Dept. of CSE Organized International Conference on Innovations In Internet Of Things For Smart Cities (ICIOTSC-17) in Association with Institute for Engineering Research and Publications (IFERP).
- K. Narayana, Dr. P. Haritha, Dr. P. Krishna, Mr. M. Ganapathi, attended a conference on 104<sup>th</sup> Indian science congress at S.V. University, Tirupati.
- V. Gayathri, presented a paper titled “A SURVEY ON FUZZY BASED ROUTING PROTOCOLS IN MANETS” in a National Conference at Sri PadmavathiMahila University, Tirupati.
- P. Radhika, attended International conference on BIG DATA ANALYSIS AND COMPUTATIONAL INTELLIGENCE at CEC Chirala.
- T. RAVI KUMAR, attended for Joint International Conference on Power, Circuit and Information Technologies held at (MITS), Madanapalle.
- T.N.V.L.N. Kumar & K .V. Ramana Reddy, participated and presented a paper titled “CONTROL OF SMART GRIDS WITH RENEWABLE ENERGY SOURCES” in National conference on NCVCS-17, at Raja Rajeswari College of Engineering, Bangalore.
- Dr. Ch. Kalyani, attended a National Conference on “Recent Trends in Applications of Mathematics to Science and Technology” and presented a paper entitled” THREE DIMENSIONAL FLOW OF A CASSON FLUID OVER A STRETCHING SURFACE WITH CONVECTIVE BOUNDARY CONDITIONS”, at Sri PadmavathiMahilaViswavidyalayam, Tirupati.
- Dr. Ch. Veeranjanyulu presented a paper at National conference on 'NPTEL: Boon for Engineering College Libraries' at Thiagarajar College of Engineering, Madurai.
- Dr. M. Ganapathi, presented a paper “Stochastic non-Newtonian Lubrication with thermal effect” in National conference at Kakatiya University, Warangal.

- K.Narayana, attended a conference on Recent Advances in Mathematics and Its Applications at S. V. University, Tirupathi
- T. RAVI KUMAR, attended for XIV Control Instrumentation System Conference, Organized by Manipal Institute of Technology, Manipal.
- K. Vijaya, M. Gayatri and T. Sujatha attended a conference on “Essence of Mathematics and Engineering applications”, at KL University Vijayawada
- T N V L N. KUMAR, attended a Conference on Green Power Technology In Power Grid: Issues, Challenges and Control at SVUCE, TIRUPATI.
- MURALI DASARI, published a Paper on “Modeling of a commercial BLDC motor and control using GA-ANFIS tuned PID controller at EGS Pillay Engineering, Nagapatnam, Tamilnadu.
- B. Rajendra Singh presented a paper entitled “Teaching English- An analysis of practices” in 6<sup>th</sup> International Conference on Recent Trends and Innovative Practice in Teaching English Language and Literature of ELT@I at ChadalawadaRamanamma Engineering College, Tirupathi

#### **Faculty Publications:**

- RajeswariIsanakula published a paper in IJER and General Science on “Influence of Fly ash and Densified Silica Fume as Additives on Mechanical Properties of Coir Fiber Reinforced High Strength Concrete”.  
a paper in the IJER and General Science on “comparative study of conventional concrete with banana fiber modified concrete”.
- Rajeswari Isanakula, Vijaya Prathima& Shaik Nadhim published a paper in IJER and General Science on “comparative analysis of nominal concrete with polymer modified concrete”
- G SUBBAIAH, published a Paper on “Cascade Cockcroft–Walton Voltage Multiplier Applied to Transformer Less High Step-Up Dc–Dc Converter” in IJIRAT Journal,
- MURALI DASARI, published a Paper on “An Evolutionary Approach Involving Training of ANFIS with the help of Genetic Algorithm for PID Controller Tuning” in IJCTA
- TNVLN KUMAR, and K.V.RAMANA REDDY, published a Paper on “ANFIS Control of Energy Control Center for Distributed Wind and Solar Generators Using Multi-Agent Systems”, in IRJET, Journal.

a Paper on “Control Of Smart Grids With Renewable Energy Sources”, in IJARIE,

- TNVLN KUMAR, published a “Paper on Enhancing Power System Security through Optimal Location and Sizing of TCSC through Modified BFOA” in JARDCS Journal,

a Paper on “Validation of modified BOFA for optimal location and sizing of SVC to improve power system security” in JISOI IISC Journal,

a Paper on “A Modified BOFA Approach for optimal location and sizing of FACTS for enhancing power system security” in I-MANAGER Journal,

a Paper on “A Multi Objective optimization approach for optimal location and sizing of SVC to enhance power system security” in IJCTET Journal.

a Paper on “A robust and cost reduction technique based on multi objective SVC for enhancement of power system security” in IJCAR Journal.

- TNVLN KUMAR, and Mr. MURALI DASARI, published a Paper on “An Advanced Vector Controlled Induction Motor ASD Systems”, in IJCRT, Journal.
- T RAVIKUMAR, published a Paper on “A Multi Objective Particle Swarm Optimisation (PSO) Algorithm for Ideal Siting and Sizing Of Distributed Generation (DG) Systems” in JARDCS Journal.

a Paper on “Reconfiguration Of Power Distribution Network And Allocation Of Dg’s For Loss Reduction And Enhanced Voltage Profile” in JARDCS Journal.

- Dr. Sk. MahaboobBasha, published a paper titled Design of security robot in night vision using wireless video cameras & ultrasonic sensors in IJARIE,

a paper titled A Novel Implementation of Android based Wireless key ACDA System for Autonomous vehicles using CAN protocol in JISOI.

- U. Sreenivasulu, published a paper titled Downlink Scheduling Algorithm for Wi-Max Protocol to Improve Qos AJSE.
- V. Gayatri, published a paper on Data Packet Delivering through Green Internet Routing Mechanism, in IJETSR

a paper on A Survey on Fuzzy Based Routing Protocols in MANETS, in IJASTEMS.

- V.Bharathi, published a paper on Method of classifying the phish website by using pruning decision Tree, in IJIACS.

a paper on a cryptography framework for secure electronic health record and exchange, in IJSRD.

- P.Radhika, published a paper on Confrontation and opportunities of Big Data – A survey, in IEEE intl.
- K Venkata Nagendra, published a paper on A Survey on Classification Techniques Used for Rainfall Forecasting, in IJARCS.  
a paper on Supervised Classification of Rainfall Coverage Data in Andhra Pradesh Using Support Vector Machine, in IJRASET.  
a paper on To Improve Data Storage Security Levels in the Cloud, in IJRITCC.  
a paper on A Survey on Hybrid Techniques Using SVM, in IJRITCC.  
a paper on A Survey on Support Vector Machines and Artificial Neural Network in Rainfall Forecasting, in IJFRCSCE.
- Dr. Y. Jahnvi, published a paper on The Product Reviews in Social Websites Using Online Data: e-trait, in IJEECS.  
a paper on A Survey on Support Vector Machines and Artificial Neural Network in Rainfall Forecasting, in IJFRCSCE.
- Sk.Asiff, published a paper on POWER AND USAGE PROFICIENCY IN REMOTE SENSOR SYSTEMS BY USING CLONE IDENTIFICATION PROTOCOL, in IJCMS.
- M. Gayatri and T. Sujatha, published a paper on “Heat and Mass Transfer in MHD Mixed Convection Flow on a Moving Inclined Porous Plate with Soret Effect” in Trend in Research and Development, International Journal,
- Mr. K. Narayana, published a paper on “The comparison of neighbourhood set and degrees of an interval graph G using an algorithm” in Innovative Research in Science, Engineering and Technology, International Journal,  
a paper on “The Comparison of Bondage Number and Domination Number with Minimum and Maximum Degrees of an Interval Graph G Using an Algorithm” in Research in Applied Science, International Journal,
- Dr. P. Chakrapani, published a paper on “CUSTOMER'S ATTITUDE TOWARDS RETAIL OUTLET - ATUDY IN NELLORE CITY, ANDHRA PRADESH” in ASIAN JOURNAL OF MULTIDIMENSIONAL RESEARCH
- Dr. M. Ganapathi, published a paper on “Viscosity Variation and Thermal effects in Finite Journal Bearings” in Mathematics and Its Applications, International Journal.  
a paper on “Thermal effect and Viscosity variation in Finite Journal Bearing with two layer fluid: Reason-Narang Rapid technique” in TRIE.

a paper on “Spiral Bearing Lubrication with Viscosity Variation and Thermal Effect of Two Layer Fluid” in Applied research and studies.

a paper on “Squeeze film in Spherical Bearing with two layer fluid considering Thermal effect and Viscosity variation” in International Journal for Technological Research in Engineering.

- Dr. Ch. Kalyani, published a paper on “Three Dimensional Flow of a Casson Fluid over a Stretching Surface with Convective Boundary Conditions” in Innovative Research in Science, Engineering and Technology,.
- Sd.GhousulAsvia Begum, published a paper on “Future of HRD: The Impact of Technology” in Asia Pacific Journal of Research, International Journal,
- Swaroopa, published a paper on “demonetization effect on Indian economy” in commerce and management research, international journal,

## **6. Infrastructure & support.**

### **Library Renovation:**

- GIST library infrastructural facilities were improved with the renovation of library building, its seating capacity is increased to a strength of 200 more students, apart from providing digital library facility, enabling the students to access wider range of knowledge sources to expand their academic horizons.
- Dr. Ch. Veeranjanyulu, Librarian developed our Library Blog [gistlibrary.wordpress.com](http://gistlibrary.wordpress.com) for providing best quality and updated services & sources both in academic, professional and career for students and staff.

### **7. Professional Body Memberships**

- TNVLN KUMAR, has been admitted to the Instrument Society of India as Life Member.
- Dr. A. Jaffar Sadiq Ali had admitted to The ISTE as Life Member.
- Dr. A. Jaffar Sadiq Ali and Mr. G.Kiran Kumar Members of The Institution of Engineers (India).
- G.Kiran Kumar became Member of IETE.
- Dr. Sk. Mahaboob Basha became Fellow Member of IETE.

### **8. JNTUA Valuations at GIST**

Paper valuations of JNTU examinations held at GIST during May-June in four spells during 5<sup>th</sup> to 9<sup>th</sup> June 2017, 14<sup>th</sup> to 18<sup>th</sup> June 2017, 27<sup>th</sup> June to 1<sup>st</sup> July 2017 and

10<sup>th</sup> to 14<sup>th</sup> July,2017 (20 days) and during Dec-Jan, in four spells during 4<sup>th</sup> to 8<sup>th</sup> December 2017, 12<sup>th</sup> to 16<sup>th</sup> December 2017, 20<sup>th</sup> to 24<sup>th</sup> December 2017, 22<sup>nd</sup> to 27<sup>th</sup> January 2018(20 days).Over 590 faculty members participated in the valuations and evaluated over 2.19,805 scripts successfully.

## 9. Sports & Games

### LIST OF SOUTH ZONE PARTICIPANTS IN 2017:

B VISHNU(II-ECE)selected for South - Zone KABBADI Organized at SATHYABAMA UNIVERSITY CHENNAI

K.MANOJ KUMAR (III-CIV)selected for South zone Chess organized at ANNA UNIVERSITY CHENNAI

### LIST OF STATE LEVELIPSGM SPORTS AND GAMES MEET PARTICIPANTS IN 2017

T PRADIPAL-III DCEselected for STATE LEVEL–(LONG JUMP, TRIPLE JUMP, HIGH JUMP)

P CHANDHU-II DMEselected for STATE LEVEL –( DISCUS THROW, SHOTPUT)Organized at PACE,ONGOLE

## 10. Training and Placement activities

- 3 days **Animation training** was conducted by APITA formally JKC and 65 students participated in it.
- **CollebraON** campus recruitment was held and 103 students participated in it and 3 CSE, 2 EEE and 7 ECE students got selected.
- On campus recruitment drive was held by **HCL Technologies, Bangalore**17 students were offered with a package of **3.5 lakhs per annum.**
- On campus recruitment drive was held by **Ramtech, Hyderabad**15 students were offered with a package of **1.2 lakhs per annum.**
- On campus recruitment drive was held by **Caddy Code, Chennai**1 student from ECE was offered with a package of **1.8 lakhs per annum.**
- On campus recruitment drive was held by **Dharini Info Tech, Guntur**1 student from ECE was offered with a package of **2.8 lakhs per annum.**
- On campus recruitment drive was held by **DQ Entertainment, Hyderabad**10 students were offered with a package of **1.2 lakhs per annum.**
- On campus recruitment drive was held by **Hyundai, Hyderabad**1 student from ECE was offered with a package of **3.5 lakhs per annum.**



- OFF campus recruitment drive was held by **Infoview, Bangalore** 2 students one from ECE and one from EEE was offered with a package of **5.5 lakhs per annum**.
- ON campus recruitment drive was held by **NEST Group, Kerala** 3 students were offered with a package of **2.6 lakhs per annum**.
- 5 days program on **Versent and Test Cracking Skills** for **MPHASIS** was conducted and 120 students participated in it
- **Industrial training programme** was conducted at GIST by **Quality Circles Forum of India(QCIF), Tirupati Chapter** aim of forecasting quality in industrial business and academic institutions by **Mrs. V. Sulochana, General Secretary, and QCFTirupati, Chapter**.
- 12 days of training on **QUANTITATIVE APTITUDE & LOGICAL REASONING** was conducted for all the **CRT** registered students of Final year by **Mr. Lakshmi Prasanth & Mr. Nageswara Rao from Mission Ignite, Hyderabad**.
- **ORIENTATION PROGRAM & Inauguration of 1st B. Tech** class work organized by **Sanjeev SyamSundar, Director, Health Care Virtusa Polaris**.
- **INDUSTRY - INSTITUTE - INTERACTION** for 3<sup>rd</sup> Year B.Tech Students was organised, Industry Experts: **Mr. Charles, HR Business Partner & Public Speaker, Chennai. Ms. R Gayathri, HR, Kone India Pvt., Ltd., Chennai**.
- **Decennial Celebrations of GIST** is inaugurated by **Mr.E.S. Chakravarthy, Center Head, Tata Consultancy Services Bangalore**
- **Two Weeks technical training** i.e. 12 days program was conducted as part of campus recruitment training by **Mr. Santhanu Sarkar on C & JAVA**.
- 5 days **JUSPAY Company specific training** was conducted by **In House Training Team..**
- **Day 0** ON campus recruitment was held by a product development company **JUSPAY, Bangalore**. 2 students were offered a package of **12.0 Lakhs per annum**.
- ON campus recruitment was held by a product development company **Hakunamatata, Chennai**. 2 students were offered a package of **2.5 Lakhs per annum**.

- **Two Weeks technical training** i.e. 12 days program was conducted as part of campus recruitment training by **Mr. Anil Instack Team, Chennai on Python & JAVA.**
- ON campus recruitment was held by a product development company **Cadeploy Engineering, Hyderabad.** 10 students were offered with a package of **2.8 Lakhs per annum.**
- **Day 1** ON campus recruitment was held by a product development company **LG Soft, Bangalore.** 2 students were offered a package of **5.2 Lakhs per annum.**
- Awareness program on Entrepreneurship development was held on 11<sup>th</sup> August 2017 organized by Industry Institute Coordination Cell (IICC). Mr.N.Sreedhar Reddy, Asst. Director,(MSME) Directorate, Hyderabad, Government of India, Mr.S.Venkata Suresh, Asst. Director, DIC, Nellore attended.

## **11. Research and Development**

### **Department of R&D -Research Proposals submitted:**

- Dr. A. JaffarSadiq Ali, submitted a Research Proposal entitled “Real Time Implementation of Fault Tolerant Control for Missing Sensors in Modern Power System Measurements Using Real Time Digital Simulator” to (SERB).
- Prof. M. Raja Reddy, T.N.V.L.N.KumarandT.RaviKumar, Submitted a Research Proposal entitled “Optimal Design of Space Solar Cell Top Contact” to ISRO, Bangalore.
- Dr. Sk. MahaboobBasha, and Mr. G. Kiran Kumar, submitted a Research Proposal entitled “Development of energy efficient and high speed hardware system for secure Multimedia applications” to (SERB).
- Dr. Y. Jahnavi, Submitted a Research Proposal entitled “Seminal Feature Prediction from Weather Data Sets” to (SERB).
- Dr. Sk. MahaboobBasha, Submitted a FDP Proposal entitled “Emerging trends in wireless and Mobile communication applications for IOT” to AICTE-ISTE Induction/Refresher Program.
- Dr. Y. Jahnavi, Submitted a FDP Proposal entitled “Data analytics through machine learning & data science” to AICTE-ISTE Induction/Refresher Program.
- Dr. M.Raja Reddy & Dr. L.Vinay Kumar submitted a research proposal entitled “Synthesis, materials and device modelling and development of printable organic – inorganic perovskite solar cells” for 91.6 lakhs to SERB.

- Two proposals (one from CSE and one from ECE), for Rs. 6.00 lakhs funding to conduct one week FDPs through STTP was submitted to AICTE-ISTE

## 12. Faculty positions

145 teaching positions are sanctioned at various levels. Selection committees shall be duly constituted for notification, selections and appointment of teaching faculty to the sanctioned positions

## 13. Approved Intake for various courses for Academic year 2018-19

The total number of student intake approved by the statutory body AICTE for the Academic year 2018-19 is as follows.

<b>B.Tech. STUDENTS DETAILS</b>			
2018-19			
S.No	Course	Branch	Approved Intake
1	B.Tech	EEE	60
2		ECE	180
3		CSE	120
4		Civil	120
5		MECH	60
1	M.Tech	PE	9
2		CSE	9
<b>Total</b>			<b>558</b>

<b>II Year Students (Lateral Entry Students)</b>		
S.No	Branch	Approved Intake
1	EEE	14
2	ECE	37
3	CSE	24
4	Civil	54
5	MECH	22
<b>Total</b>		<b>151</b>

#### **14. To finalize and approve the budget proposals and estimates submitted by various departments for 2018-19**

The Principal presented the statement of budget proposals and estimates submitted by various departments for 2018-19.

The Finance Officer informed that the budget for the year 2018-19 has been prepared on the basis of the revenues from the fees estimated assuming full admissions as per the approved student intake of the academic year 2018-19. Any differences arising out after complete admissions and actual students admitted and revenue generation, the same will be incorporated in the revised budget and presented in the next Finance committee meeting.

After discussions, modifications suggested by the members were incorporated to the budget proposals submitted by various departments for 2018-19 and the budget of GIST for the FY 2018-19 was considered and approved.

### **III. Proceeding items**

#### **1. 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.

#### **2. Discussions on NAAC & NBA Accreditation process for GIST**

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

1. Preparation and submission of IIQA for NAAC accreditation for the institution shall be taken up during Feb. 2018 and preparations for NBA shall be done subsequently. The institution shall apply for NBA accreditation during the odd semester of 2019-20.
2. 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
3. Teams shall be formed with staff members to attend the accreditation work of NAAC and NBA preparation.

### **3. 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.

### **4. Application for permanent affiliation of JNTUA and 12-B status of UGC**

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

- Prepare necessary proposals for permanent affiliation from JNTUA, Ananthapur.
- Submit proposals to UGC for recognition of the Institution under Sec. 12-B of UGC Act as the Institution has already been recognised under Sec. 2f of UGC Act.

### **5. Closure of PG Programmes**

**Resolution No. 6:** Discussion on poor intake in the two PG courses at the institution during the past two years and zero admissions during the current academic year (2018-19) was made. It is presumed that there will be no improvement in the situation in near future. All the members unanimously felt that as there are no admissions, it is advisable to go for closure of such courses.

It is resolved to recommend the closure of following two PG programmes offered at the Institution 1. M.Tech., - Computer Science and Engineering (with an approved intake of 24 seats) and 2. M.Tech – Power Electronics (with an approved intake of 24 seats) from the academic year 2019-20. Necessary NOCs from JNTUA, Ananthapur (affiliating University) and APSCHE shall be obtained before uploading the EOA application of AICTE for the academic year 2019-20.

### **4. Discussion on improvement of results**

**Resolution No. 7:** Special focus on slow learners and measures to be taken for the improvement of results were discussed and it is resolved to recommend that

- To Identify and counsel the students requiring support and assistance.
- To Periodically meet with the parents for an integrated approach
- To conduct Make-up classes for difficult subjects on Saturdays
- To conduct Remedial classes daily from 4:30-6:00pm to help the students clear the backlogs, if any.

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.

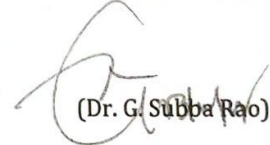
**m. Financial assistance and incentive to faculty**

**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.

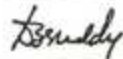

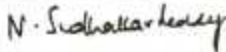
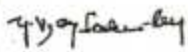



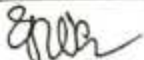
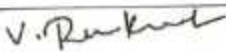
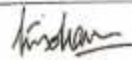


(Dr. G. Subba Rao)

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

### ATTENDANCE FORM

The XV meeting of the Governing Body of Geethanjali Institute of Science and Technology, 3<sup>rd</sup> Mile - Bombay Highway, Gangavaram Village, Kovur Mandal, Nellore District, Andhra Pradesh - 524 137 was held on 8<sup>th</sup> April 2018 at 10.30 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	