

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE., Permanently Affiliated to JNTUH,

Accredited by NAAC with A Grade

Cheeryal (V), Keesra(M), Medchal District



SAMIKSHA

JANUARY-DECEMBER 2018

Orientation for B.Tech I year I sem students from 2nd August to 15th

Head of the Department

Dr. G. Neeraja Rani.

Editorial Committee

Dr. B. Nagamani , Dr. N. Subhadra .

Advisory Committee

Dr. V.S. Triveni , Dr. J. Anjiah, Prof. G.Karuna Kumari
Dr. J.V. Madhuri.

LIST OF ACTIVITIES CONDUCTED IN ORIENTATION

1. Lectures and Workshops by eminent people.
2. Creative Arts and culture.
3. Physical Activity.
4. Mentoring and Universal Human values.
5. Literary Activity.
6. Proficiency Modules.
7. Familiarization of College, Department/Branch
8. Visits in Local Area
9. Extra-Curricular Activities in



Details of the Program

Lectures and Workshops by Eminent People

S.No	Name of the Resource person	Designation	Topic
1	Mr. Abhay Joshi	Soc Power and Performance Engineer, INTEL	Skill Development on Industry Requirements
2	Ms. G. Harini	Free Lancer	Proficiency in Problem Solving
3	Dr. Y. Siva Rama Prasad	Free Lancer	Personification of Human Life (Four Square Life Balance)
4	Mr. Srinivas Sharma	Associate Professor, MVSR College	Proficiency in Analysis and Critical Thinking
5	Mr. V. Madhusudana Rao	Associate Professor, CBIT College	Proficiency in Logic Building
6	Dr. K. Raghavendhar	Associate Professor, MVSR College	Proficiency in Crux of Design Sciences
7	Mr. N. Chandrakanth	Vice President, ACCELQ	Proficiency in Logic Building
8	Ms. Veenu Jindal	Free Lancer	Career Guidance and Goal Setting
9	Mr. G. Prem Kumar	Free Lancer	Skill Development as per industry requirement
10	Mr. Vidya Sagar	Deputy Director-APEREC	Outlook of power sector in India and opportunities
11	Dr. Mallesham	HoD, EEE-OU	Engineering career opportunities
12	Dr. Arpitha Velanky	Free Lancer	I Matter
13	Dr. Udaya Kumar Susarla	Principal-GCET	Professional Career Development
14	Prof. G. KarunaKumari	Professor - FE-GCET	Career Guidance and Goal Setting
15	Dr. B. Nagamani	Assoc. Professor - FE - GCET	Career Guidance and Goal Setting
16	Dr. G. Neeraja Rani	HoD-FE- GCET	Introduction Semester I and Courses



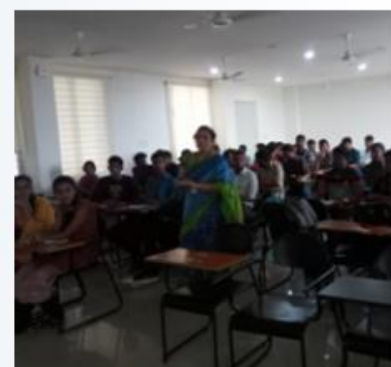
Creative Arts and Culture

S.No	Name of the Resource person	Designation	Topic
1	Mr. Kaushik	Assistant Director Geeta Arts	Fine Arts
2	Ms. MercyKavitha and Team	Coordinator Fine Arts Club- GCET	Singing, Dance, MeHandi, DubSmash



Mentoring and Universal Human Values

S.No	Name of the Resource person	Designation	Topic
1	V.Vishvanatham	Retd. Professor Osmania University	To become a good Engineer
2	Dr. T. Shiva Prasad	Head, Professor ME- GCET	Universal Human Values
3	Dr. A. Uma Devi	Professor FE - GCET	Universal Human Values
4	Dr. B. Nagamani	Assoc. Professor FE - GCET	Universal Human Values
5	Ms. Latha Suhasini	Asst. Professor FE - GCET	Universal Human Values
6	Ms. P. Mercy Kavitha	Assoc. Professor FE - GCET	Universal Human Values
7	Dr. Swagata Ray	Assoc. Professorr FE - GCET	Universal Human Values
8	Dr. V. S. Triveni	Professor FE - GCET	Mentoring and Importance
9	Dr. R. Sanjeev	Professor FE - GCET	Mentoring and Importance



Literary Activities

S.NO	Name of the Resource person	Designation	Topic
1	Ms. G. Karuna Kumari	Professor FE-GCET	Debate, Elocution
2	Dr. B. Nagamani	Assoc. Professor FE-GCET	Debate, Elocution
3	Ms. Mercy Kavitha and Team	Assoc. Professor FE-GCET	Role Play



Physical Activity

Physical activities reduce stress and increases quality of life. Going with the often quoted adage 'All work and no play makes Jack a dull boy', students participated in various games, both outdoor and indoor. These activities were conducted by a renowned sports doctor who served the country as Major. In addition, Physical Director, GCET has also conducted many sports and games to the students

Proficiency Modules

S.No	Name of the Resource person	Designation	Topic
1	Ms. Karuna Kumari	Professor- FE-GCET	Reading Comprehension
2	Dr. B. Nagamani	Assoc. Professor- FE-GCET	Writing
3	Dr. Swagata Ray	Assoc. Professor- FE-GCET	Reading Comprehension
4	Dr. A. Uma Devi	Professor- FE-GCET	Interpretation Skills
5	Dr. V. S. Triveni	Professor- FE-GCET	Matrices and its applications
6	Dr. N. Subadra	Assoc. Professor- FE-GCET	Differentiation and its applications
7	Dr. K.	Assoc. Professor-	Matrices and its



Familiarization of college, Department /Branch

S.No	Name of the Resource person	Designation	Topic
1	Dr. D. S. R. Murthy	HoD-CSE- GCET	Guidelines about B. Tech Programme
2	Dr. T. Shiva Prasad	HoD ME-GCET	Introduction to Engineering, Student's Behaviour
3	Mr. B. Hari Kumar	HoD ECE-GCET	Qualities of Successful Students
4	Dr. D. Radhika	HoD EEE-GCET	Importance of Continuous Learning, Vocabulary and Soft Skills Development
5	Dr.R. Prasanna Kumar	HoD CE-GCET	Civil Engineering
6	Mr. K.Somasekar Rao	Dean Student Affairs-GCET	Professionalism
7	Dr. N. Ravi Shankar	Chief Controller of Examinations GCET	Examination Pattern and Grading System



Diagnostic Tests

Conducted diagnostic tests on English Language skills and Basic Mathematics, to know the students' level of understanding.

Visits in Local Area

S.No	Name of the Resource person	Designation	Topic
1	Swami Bhodmayanand Ji	Director RamaKrishnaMath	Character making, Self-Esteem, Self Realization, Patriotism, Freedom movement
2	Sri Balaji	Psychologist	Successful Mantras
3	Dr.Venkateswarulu	Forest Officer	Importance of Forests



Extra - curricular Activities in College

S.No	Name of the Resource person	Designation	Topic
1	Dr. V. S. Triveni and Team	Professor FE- GCET	Yoga and Meditation
2	Dr. Anil Puppala	Assoc. Professor EEE GCET	Awareness on Innovation and Incubation
3	Mr. Y. V. N. Phani Kishore	Asst. Professor CSE GCET	Awareness on Innovation and Incubation



Interaction with Peer Group and Alumni

S.No	Name of the Resource person	Designation	Topic
1	Mr. Koushik	Assistant Director Geeta Arts	Hardwork & Success
2	Mr. Rahul	System Engineer Infosys	Life after College



Feedback and Report on the Program

In addition to the feedback taken after every session, overall feedback of the students on the Student Induction Programme is recorded.

To listen to the feedback please click the links given below.

- <https://youtu.be/YUTQqMVmsOc>
- <https://youtu.be/Nl2OcHuCelo>
- <https://youtu.be/b-O65SOqJao>
- <https://youtu.be/qLMqoz3-u94>
- <https://youtu.be/oq65JXXkRUA>
- https://youtu.be/uBKHUe5XW_M
- <https://youtu.be/Ai8JkbA3wfQ>
- <https://youtu.be/Gqkdp-93JYQ>



FRESHER'S PARTY



Remarkable Achievements by the Department

International Conference on Multifunctional Materials (ICMM-2019) was organized from 19-21 December 2019. Around **300 participants** presented their papers. Chief Guest of the Inaugural session **Dr. Vikas Kumar, Ex-Director, DMRL-DRDO** and Guest of Honour, **Sri.G.Ranjith Reddy, Member of Parliament, Chevella Constituency** graced the occasion and highlighted the need for organizing this kind of a conference. Scientists and Academicians from reputed institutions such as University of Tsukuba, Japan, Ryazan State University, Russia, Tokai University, Japan, ARCI-Hyderabad, CSIR-IICT, Hyderabad, IIT-Bombay, University of Hyderabad, to name a few delivered plenary and invited talks. The total number of **plenary sessions and Invited Talks were 14 (fourteen).**

Received partial funding from DRDO. A Book of Abstracts with ISBN number was released. Papers presented in the conference are accepted to be published in AIP Conference Proceedings or IOP Journal of Physics Conference series after the peer-review process. The peer-review process is in the pipeline.



OUTREACH ACTIVITY

As part of promoting Awareness on Health, Education and Environment, nearly 100 I.B.tech students have conducted a survey in Cheeryal village on 2nd November 2019.

A campaign on Say **No to Plastic** was conducted on 5th November 2019. Students distributed hand made paper bags in several shops in the village.

Then after, nearly 60 I.B.tech students have conducted a second round of survey in Cheeryal village on 23rd November 2019.





Few identified needs from the analysis are as follows

- Any two vehicles for collecting and dumping of garbage
- Transport facility during emergencies in the night.
- Tree Guards
- Health Centre facility
- General health camp, Eye camp, Dental Camp.
- Awareness on available government schemes like handicapped, widow, old age pensions.

OUR ACTIVITY COVERAGE IN MEDIA

పర్యావరణ పరిరక్షణకు ప్లాస్టిక్ వాడకాన్ని నిషేధించాలి



చీరగల్లో ఓ చిత్రన్ షాపు యజమానికి పేపర్లు అందజేస్తున్న విద్యార్థులు

చీరగల్: 'ప్లాస్టిక్ వద్దు... పర్యావరణ ముప్పు' అని విద్యార్థులకు ప్రజలకు ప్లాస్టిక్ పై అవగాహన కల్పించారు. ఈ మేరకు మంగళవారం మండల పరిషత్లోని చీరగల్ గ్రామ గీతాంజలి కళాశాల విద్యార్థులు ప్లాస్టిక్ వాడకంపై చీరగల్ గ్రామంలో ర్యాలీ నిర్వహించారు.

ఈ మేరకు ప్రతి కిరాణి షాపునకు తిరుగుతూ ఇకపై ప్లాస్టిక్ వాడొద్దని, పర్యావరణ హితవునకు అందజేయాలని యజమానులకు పేపర్లను అందజేశారు. కార్యక్రమంలో కళాశాల బృందం పాల్గొన్నారు.

ఆంధ్రజ్యోతి Wed, 06 November 2019
<https://epaper.andhrajyothy.com/c/45417511>

ANDHRA JYOTHI

'ప్లాస్టిక్ ను నిషేధించి పేపర్ ఫైల్స్ ను వాడాలి'



గీతాంజలి అంజలిరింగ్ కళాశాల విద్యార్థుల ఆధ్వర్యంలో చీరగల్లో ప్లాస్టిక్ నిషేధంపై అవగాహన కార్యక్రమం

చీరగల్: ప్లాస్టిక్ ను నిషేధించి పేపర్ ఫైల్స్ ను వాడాలని విద్యార్థుల కుంగ రిచ్చియర్ నిర్వహించారు. మండల పరిషత్లోని చీరగల్ గీతాంజలి అంజలిరింగ్ కళాశాలలో మంగళవారం అంజలిరింగ్ విద్యార్థులు పేపర్ బ్యాగ్లను అందజేసి కార్యక్రమం నిర్వహించారు. ఈ కళాశాలకు చెందిన విద్యార్థులు గ్రామంలో పేపర్లును వినియోగించుకోవడంపై అవగాహన కల్పించారు. ప్లాస్టిక్ వాడకం వద్ద విద్యార్థులందరికీ కేసీ పేపర్ బ్యాగ్లను గ్రామ మండలి వారి సహాయంతో గ్రామ ఫలకం వద్ద రిచ్చారు. అంతిమంగా గ్రామ పరిషత్లోని గ్రామంలో ఉండే పంజాబ్ ప్రెస్ కళాశాలకు సమర్పించారు. ప్లాస్టిక్ వాడకంపై పరిషత్లోని మండల పరిషత్లోని విద్యార్థులను విజయించారు. విద్యార్థులందరికీ ఉన్న ప్రతి మండలం పేపర్లను వినియోగించాలి. ఈ సందర్భంగా నిర్వహించిన కార్యక్రమం విద్యార్థులు, ప్రతి ఒక్కరూ ప్లాస్టిక్ ను నిషేధించాలని కోరారు. ఈ కార్యక్రమంలో ఉపన్యాయకర్తలు ఉపన్యాయకర్తలు, గీతాంజలి కళాశాల ఎగ్జిక్యూటివ్ డైరెక్టర్లు, కో-ఆర్డినేటర్లు, డాక్టర్లు, కళాశాల అధ్యాపకులు పాల్గొన్నారు.

ఆంధ్రజ్యోతి Wed, 06 November 2019
<https://epaper.telangana.com/c/45417719>

NAMASTHE TELANGANA

ప్లాస్టిక్ వాడకాన్ని అరికట్టేందుకు ముందుకు రావాలి

చీరగల్: ప్లాస్టిక్ వాడకాన్ని అరికట్టేందుకు ప్రతి ఒక్కరూ ముందుకు రావాలని చీరగల్ గ్రామం ర్వం తుంగ దర్శియర్ అన్నారు. మంగళవారం గ్రామంలో చీరగల్ గీతాంజలి అంజలిరింగ్ కళాశాల విద్యార్థుల ఆధ్వర్యంలో ప్లాస్టిక్ వాడకం వద్ద కలిగే అసర్వాలను తెలియజేసి, పేపర్ బ్యాగుల వాడకం వల్ల కలిగే ప్రయోజనాలపై గ్రామస్థులకు అవగాహన కలిగించారు. కార్యక్రమంలో పాల్గొన్న దర్శియర్ మాట్లాడుతూ... గ్రామంలో ప్రభుత్వం సింగిల్ యూజ్ ప్లాస్టిక్ కవర్ల వాడకాన్ని పూర్తిగా నిషేధించింది అన్నారు. ప్రజలంతా పర్యావరణ పరిరక్షణలో భాగంగా జ్యూట్ బాగులను వాడాలని ఆయన కోరారు. గీతాంజలి కళాశాల విద్యార్థులు గ్రామస్థులకు ప్లాస్టిక్ వాడకం వల్ల కలిగే అసర్వాలను తెలియజేయడం సంతోషించదగ్గ విషయ



ప్లాస్టిక్ వద్ద కలిగే అసర్వాలపై అవగాహన కలిగిస్తున్న గీతాంజలి కళాశాల విద్యార్థులు

మన్నారు. విద్యార్థులు తయారు చేసిన పేపర్ బ్యాగులను గ్రామస్థులకు పంపిణీ చేశారు. కార్యక్రమంలో ఉపన్యాయకర్తలు తీరుమల్ రెడ్డి, గీతాంజలి అంజలిరింగ్ కళాశాల హెచ్.డి. సీరజారాణి, కో-ఆర్డినేటర్లు త్రివేణి, దాక్షిణి సుభద్ర, కాలేజీ హెచ్.డి.లు, విద్యార్థులు పాల్గొన్నారు.

సాక్షి Wed, 06 November 2019
<https://epaper.sakshi.com/c/45417712>

SAKSHI



THE HINDU

Department of Freshman Engineering

Hydroponics - Soilless cultivation project under the guidance of Dr.G.Neeraja Rani and Dr.V.S.Triveni was initiated by students of I year Civil Engineering in the previous year. It is improvised and continued by the same group of students this semester. For this, we assembled a PVC pipe of 4 inch diameter and 10 feet in length.

Ten equally spaced holes have been made to fit plastic glasses within a hole at their bottom, which inclines to drain off any excess solution of nutrients.

The glasses were filled with a well-blended 'COCOPEAT' and 'VERMICOMPOST' in the equal proportion used as substrate. To ensure equal distribution and feed of water to each glass, a levelling pipe with holes drilled and positioned on each glass was run overhead. Constant supply of water was ensured through a pipe.



Research Journal published by faculty

10

Department of Freshman Engineering

S. No.	Name of the Faculty	Name of Refereed Journal	National/International	Title of the Paper	Vol. number and year of Publication	Scopus Indexed
1	Dr. G. Mahesh	Communications in Mathematics and Applications	International	Numerical Approach for Differential-Difference Equations with Layer behaviour	Vol 10, No. 4, pp: 851-863, Dec 2019	NO. Web of Science
2	Dr. Uma Devi	Ideal International E-Publication Pvt. Ltd.	International	Writing Skills Sessions in English Language, Curriculum – A broader perspective to teach environmental awareness in undergraduate English Classes	PP: 16-20, Nov 2019, ISBN Number: 978-81-941310-2-1	No
3	Ms. V. Manjula	Journal of Molecular Liquids of ELSEVIER	International	Investigation of Temperature dependent dielectric relaxation studies of 1,4-Butanediol/DMSO binary mixtures at the microwave frequency	Nov 2019	Yes
4	Dr. J. Shankar Dr. G. NeerajaRani Dr. J. Anjaiah Dr. P. Raju	AIP Conference Proceedings	International	Study of microstructure and dielectric properties of PbTiO ₃ based glass ceramics	2162, 020045 October (2019) pp: 020045-1 to 020045-6	Yes
5	Dr. G. NeerajaRani Dr. J. Shankar Dr. J. Anjaiah Dr. B. Mamatha	AIP Conference Proceedings	International	Preparation and characterization of red emitting Yttrium Vanadate phosphor doped with Eu(III): Y1-XV04: Eux	2162, 020117 October (2019) pp: 020117-1 to 020117-7	Yes
6	Dr. J. Anjaiah Dr. G. NeerajaRani Dr. J. Shankar Dr. P. Raju	AIP Conference Proceedings	International	Thermoluminescence characteristics and dosimetric aspects of Li ₂ O-Cao-B ₂ O ₃ glasses doped with rare earth ions	2162, 020043 October (2019) pp: 020043-1 to 020043-8	Yes
7	Dr. P. Raju Dr. J. Shankar Dr. J. Anjaiah	AIP Conference Proceedings	International	Shielding effectiveness studies of NiCuZn ferrite-polyaniline nanocomposites for EMI suppression applications	2162, 020027 October (2019) pp: 020027-1 to 020027-7	Yes
8	Dr. K. Sanjeev	Education Quimica- Mexico	International	Hoh-associative behavior of thiohenols, Troutons Rule, ramsey shiel – Etovos equation and application of hammett equaion to the surface tension data – a chemical	vol.4, pp:83-88 Oct 2019	Yes
9	Dr. K. Sanjeev	Chemical methodologies	International	Can Non-bonded Pair of Electrons of Sp ³ Nitrogen with Two Single - Bonds on Either Side Still Transmit Substituent Electronic Effects to the Reaction Site? Reversal of Attenuation Effect by Sp ³ Nitrogen–A Chemical Education Perspective	Vol 4 pp 106-114 Aug 2019	No
10	Dr. G. Mahesh	International Journal of computing Science and Mathematics	International	Fourth order computational method for two parameters singularly perturbed boundary value problem using non-polynomial cubic spline	Vol 10, no. 3, pp: 261- July 2019	Yes

No. of Papers Presented in conferences by the faculty :

- International Conference: 12
- National Conference: 01

S. No.	Name of the faculty	Title of the Paper	National/International	Name of the Conference	Venue	Date
1	Dr. P. Raju Ms. Ch. Kalyani Dr. J. Shankar Dr. J. Anjaiah Dr. G. Neeraja Rani	Complex permittivity and permeability properties analysis of NiCuZn Ferrite-Polymer nanocomposites for EMI suppressor applications	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
2	Dr. G. Neeraja Rani Dr. J. Shankar Dr. P. Raju Dr. J. Anjaiah Dr. B. Mamatha	Quenching effect of co-dopant Pr ³⁺ on Red Emitting Yttrium Vanadate Phosphor Doped with Eu(III)	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
3	Dr. B. Mamatha Dr. G. Neeraja Rani	Enhanced electrical properties of Sr(Bi _{3.9} La _{0.1})(Ti _{3.975} Zr _{0.025})O ₁₅ ceramic with the doping of Nd	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
4	Ms. V. Manjula	Dielectric relaxation studies on molecular interaction in binary mixtures of glycerol with n-methyl-2-pyrrolidone	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
5	Dr. J. Shankar Mr. A. Shiva Kumar Dr. J. Anjaiah Dr. P. Raju Dr. G. Neeraja Rani	Study of Microstructure and Thermal Properties of PbTiO ₃ based Glass Ceramics	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
6	Dr. P. Raju Mr. S. Rajesham Dr. J. Shankar Dr. J. Anjaiah Dr. G. Neeraja Rani	Solid State Route Preparation, Characterization and Electrical Properties of NiCuZn Fe ₂ O ₄ /Paraformaldehyde Nanocomposites	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
7	Dr. P. Raju Ms. A. Geeta Rani Dr. S. Udaya Kumar Dr. G. Neeraja Rani	Structural and electrical properties of PANI+SWCNT nano composites prepared by chemical mixing method	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
8	Dr. N. Subadra	Influence of Slip and Heat and Mass Transfer Effects on Peristaltic Motion of Power-Law Fluid in a Proned Tube	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019

S. No.	Name of the faculty	Title of the Paper	National/International	Name of the Conference	Venue	Date
9	Dr. N. Subadra	Mathematical Approach to study Heat and Mass Transfer Effects in Transport Phenomena of a non-Newtonian Fluid	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
10	Dr. Sk. Nuslin Bibi Ms. G. Padma	Soret effect on radiation-convection flow in porous medium with chemical reaction	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
11	Ms. P. Sailaja	A New Approach to the Construction of Transition Matrix with Application to Control Systems	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
12	Mr. A. Ramesh	Investigation on Natural Convective Flow of Ethylene Glycol - Fe3O4 Nanofluid in A Porous Cavity with Thermal Radiation	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
13	Ms.G.Padma Dr. Sk. Nuslin Bibi	Heat and mass transfer on unsteady MHD flow through a porous medium in a rotating channel	International	International Conference on Multifunctional Materials (ICMM-2019)	Geethanjali College of Engineering and Technology, Hyderabad	19-21 Dec 2019
14	Dr. A. Uma Devi	Writing Skills Sessions in English Language, Curriculum – A broader perspective to teach environmental awareness in undergraduate English Classes	National	Language Literature and Social Media	Singereni Collieries Women's UG and PG College, Kothagudem	15-16 Nov 2019
15	Dr. B. Nagamani	Intersectional Feminism in Post-Colonial Literature	International	Golden Jubilee and 14th International Conference of ELTAI on the theme Right to English	Amity Institute of English Studies & Research, Amity University, Noida	09-10-2019 to 12-10-2019
16	Dr. N. Subhadra	Heat and Mass Transfer Effects of Power-Law Fluid in an inclined tube.	International	International Conference on mathematical Sciences and Applications (ICMSA-2019)	GITAM, Hyderabad	09-08-2019 to 11-09-2019

17	Dr. N. Subhadra	A mathematical study on two-layered blood flow of a couple-stress fluid	International	International Conference on mathematical Sciences and Applications (ICMSA-2019)	GITAM, Hyderabad	09-08-2019 to 11-09-2019
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POSTULANT INITIATIVE

Business English Certificate Course Training, Cambridge University U.K , Preliminary,Vantage and Higher was initiated in the month of October. A total of 99 students have taken training.

Faculty Achievements/Contributions

- Dr. G. Neeraja Rani acted as a reviewer for Journal of Electronic Materials, an International Journal, Springer Publications.
- Dr. B. Nagamani is appointed as Self Learning Material Expert for writing course material for MA ELT students of Netaji Suhas Open University, Kolkata for the course Applied Grammar-Teaching Linguistics in Schools E4.
- Dr. N. Subhadra acted as reviewer for Heat Transfer, Wiley publications, a Scopus indexed journal.
- Dr. B. Nagamani, Dr. Swagata Ray and Ms. Latha Suhasini are associated with Skill and Personality Development Project for SC and ST students (an AICTE Funded Project) as Subject Experts.
- Ms. S. Lalitha, Assistant Professor of Mathematics submitted her thesis in Rayalaseema University on 17-10-2019.
- Ms. Mercy Kavitha and Ms. Latha Suhasini got PhD admission in KL University.

Massive Open Online Courses

S.No	Name of the faculty	Title of the course	Percentage	Duration	Organized by	FDP or No
1	Dr. B. Nagamani	Designing Thinking – A Primer	78	July - Aug 2019 (4 week course)	IIT-Madras	Yes
2	Dr. B. Nagamani	Designing Learner – Centric MOOCs	75	July - Aug 2019 (4 week course)	IIT Bombay	Yes
3	Dr. V. S. Triveni	Designing Thinking – A Primer	74	July - Aug 2019 (4 week course)	IIT-Madras	Yes

Projects sanctioned by JNTUH under TEQIP-III

Dr. N. Subhadra of Mathematics received a project titled “Peristaltic Transport of Nanofluids” as Principal Investigator worth 2 Lakhs from JNTUH TEQIP-III.

Dr. K. Sashikala of Chemistry received a project entitled “A Facile Synthesis and anti-cancer activity of novel quinoxaline-2-carbo hydrazide – N-oxide derivatives” as Principal Investigator worth 2.5 Lakhs from JNTUH TEQIP-III.

Details of club activities organized

- **Science Club:** Science quiz was conducted on 07-09-2019.
- **Mathematics Club:** Three quizzes were conducted on 21-09-2019, 26-10-2019, 16-11-2019.
- **Fine arts and cultural club:** Fresher's day, Bathukamma, And Dandiya Raas were conducted on 31-08-2019 & 6-10-2019 respectively.
- **Environmental club:** Haritha Haram was conducted on 9-08-2019.

1. Best out of Waste Drive-1 (Paper Bags Making) was organized for 2 days. i.e on 30-10-2019 & 31-10-2019
2. Best out of Waste Drive-2 as part of handmade paper bags were distributed in cheeryal village on 2-11-2019.

No. of Workshops/Seminars/FDPs Attended by the Faculty : 11

S. No.	Name of the Faculty	Details of FDP/Workshop	FDP/Workshop/Training duration	Organization Conducted	Date of participation/Attended
1	Dr. B. Nagamani	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP on Student Induction	Three Days	IIIT-Hyderabad, sponsored by AICTE	15-17 Nov.2019
2	Dr. N. Subadra	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP on Student Induction	Three Days	IIIT-Hyderabad, sponsored by AICTE	15-17 Nov.2019
3	Dr. G. Neeraja Rani	Regional Research Symposium on PBL	Three Days	Centre for Engineering Education Research, KLE Technological University, Huballi, Karnataka	21-23 Nov 2019
4	Dr. N. Subadra	Regional Research Symposium on PBL	Three Days	Centre for Engineering Education Research, KLE Technological University, Huballi, Karnataka	21-23 Nov 2019
5	Ms. K. Swarupa	Engineering Chemistry	Five Days	JNTU(H), Hyderabad	2-6 Dec 2019
6	Dr. G. Neeraja Rani	Design Thinking and Entrepreneurship	One day	Telangana Academy for Skill and Knowledge	14-08-2019
7	Dr. J. Anjaiah	Design Thinking and Entrepreneurship	One day	Telangana Academy for Skill and Knowledge	14-08-2019
8	Dr. B. Nagamani	Design Thinking and Entrepreneurship	One day	Telangana Academy for Skill and Knowledge	14-08-2019
9	Dr. G. Neeraja Rani	125th Anniversary of Swamy Vivekananda's Chicago Address	One day	Ramakrishna Math, Domalguda	09-09-2019
10	Dr. J. Anjaiah	125th Anniversary of Swamy Vivekananda's Chicago Address	One day	Ramakrishna Math, Domalguda	09-09-2019
11	Ms. V. Manjula	125th Anniversary of Swamy Vivekananda's Chicago Address	One day	Ramakrishna Math, Domalguda	09-09-2019
12	Ms. P. Shailaja	125th Anniversary of Swamy Vivekananda's Chicago Address	One day	Ramakrishna Math, Domalguda	09-09-2019
12	Dr. B. Nagamani	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP on Student Induction	Three Days	IIIT-Hyderabad, sponsored by AICTE	15-17th Nov.2019
14	Dr. N. Subadra	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP on Student Induction	Three Days	IIIT-Hyderabad, sponsored by AICTE	15-17th Nov.2019
15	Dr. G. Neeraja Rani	Regional Research Symposium on PBL	Three Days	Centre for Engineering Education Research, KLE Technological	21-23, Nov 2019

Guest Lectures/Workshops/Seminars conducted for students - 06

S.No	Title	Date	Resource person	Target Group
1.	Humanoid Robot Development	09-08-2019 to 10-08-2019	Mr. Pratik Tirodkar, Mr. Abhishek Paithanka, EduxLabs, Gurugram.	(116) B. Tech Students
2.	Enhancing all Career Paths with Entrepreneurship abilities	06-09-2019	Mr. Pavan Kumar Allena, CEO, Metamorphosis	190 (B. Tech I year Students)
3.	Design Thinking	07-09-2019	Mr. Abhimanyu Bhardwaj, Founding Partner 21ID and Founder and CEO Launch Space	96 (B. Tech I year Students)
4.	Samasya	04-10-2019	Mr. Y.V.N. Phani Kishore, Assistant Professor, Department of CSE.	143 (B. Tech I year Students)
5.	Workshop on Internet of Things (IOT)	16-11-2019 to 17-11-2019	Mr. Pratik Tirodkar, Mr. Abhishek Paithanka, EduxLabs, Gurugram	87 (B. Tech Students)
6.	Guest Lecture on "Youth Safety, Health and Hygiene of women"	09-12-2019	Dr. Arpitha Velanky, Dentist, Behavioural Skills Trainer and Coach. Dr. Sarojini Gynecologist	150 (B. Tech I Girl students)



Students' Achievements

Harshith Varma of (CSE D), P S Ganesh of (ECE C), M .Harsha Vardhan of (ECE A), Sunny Raj of (CSE E) Manichandan Reddy of (ECE D) are selected as mentees to be mentored by Mr. Chandra Dasika, CEO- Delta Mark Technologies.

Geethanjali coders: 1. Sai Prakash Chary Vadla (CSE C), 2. Badrinadh Reddy Panyam (CSE C), 3. Abhinay Reddy L (CSE C) participated in IEEE Xtreme 13.0, a 24 hour global coding competition and secured country rank below 125 out of 2777 teams on 19-10-2019.

Fantastic coders: 1. Sumith Meesa (CSE A), 2. Ravi Prakash Akula (CSE A), 3. Saketh Sai (CSE A) participated in IEEE Xtreme 13.0, a 24 hour global coding competition and secured country rank below 125 out of 2777 teams on 19-10-2019

Co-curricular Activities

- 725 B. Tech I year students have registered for internships through Internshala
- Vaishnavi B (CSE B) worked as Internshala Student Partner (ISP).
- P. Dinesh Kumar (ME A) was appointed as Internshala Student Partner.
- Sunnay Raj (CSE E) worked as Internshala Student Partner (ISP).
- Sri Sai Dhanunjay (EEE B) has received an interview call from Code Tantra Tech Solutions Private Limited. He attended the interview on 30-09-2019 at 3.30 p.m in their office located opposite to BJP Office, Kukatpally, Hyderabad. The interviewers told him that he is too young to take up the internship

Internships

14 students across all the branches of I. B. Tech have applied for Aniket Singh International summer Internship Program in the University of Southampton, U.K.

Students Prizes/Awards List

S.NO	Student Name with Roll No.	College Name - Topic Name	Participate/Winne
1	B. Vaishnavi 19R11A0551	Rapid Prototype Event was organized by SmartBridge Educational Services conducted at Stanley Women's Engineering College from 9th September to 16th September.	Participated
2	Ritika Kailas 19R11A0589	Rapid Prototype Event was organized by SmartBridge Educational Services conducted at Stanley Women's Engineering College from 9th September to 16th September.	Participated
3	Karunya Dubey 19R11A05M4	Rapid Prototype Event was organized by SmartBridge Educational Services conducted at Stanley Women's Engineering College from 9th September to 16th September.	Participated
4	Nandini Tripathi 19R11A0580	Rapid Prototype Event was organized by SmartBridge Educational Services conducted at Stanley Women's Engineering College from 9th September to 16th September.	Participated
5	Harshith Varma 19R11A05F5	"Python Overview" – A knowledge sharing session was organized by Computer Society of India, Hyderabad Chapter on 28-09-2019. Speaker: Mr. G. Parvathesam, Software Consultant.	Participated
6	P S Ganesh 19R11A04D3	"Python Overview" – A knowledge sharing session was organized by Computer Society of India, Hyderabad Chapter on 28-09-2019. Speaker: Mr. G. Parvathesam, Software Consultant.	Participated
7	M Harsha Vardhan 19R11A0426	"Python Overview" – A knowledge sharing session was organized by Computer Society of India, Hyderabad Chapter on 28-09-2019. Speaker: Mr. G. Parvathesam, Software Consultant.	Participated
8	Sunny Raj 19R11A05N4	"Python Overview" – A knowledge sharing session was organized by Computer Society of India, Hyderabad Chapter on 28-09-2019. Speaker: Mr. G. Parvathesam, Software Consultant.	Participated
9	B Manichandan Reddy 19R11A05E8	"Python Overview" – A knowledge sharing session was organized by Computer Society of India, Hyderabad Chapter on 28-09-2019. Speaker: Mr. G. Parvathesam, Software Consultant.	Participated
10	Harshith Varma	"Introduction to Neural Networks"- A knowledge sharing session was organized by Computer	Participated