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ACHIEVEMENTS AND AWARDS

GNIT Is Awarded A+ Grade By National Assessment & Accreditation Council (NAAC)

Atal Ranking Of Institutions On Innovation Achievements (ARIIA)-2020

M. Naveen (GNIT - B.Tech Mechanical) won the Gold Medal for achieving 83.28% and being the Best Outgoing Student of all JNTUH Affiliated Colleges

GNIT & GNITC Have Been Awarded 5 Star Rating By Institution Innovation Council, MHRD
The Training and Placement Department plays a vital part in connecting industry and academia. This department plays a multifaceted role which includes inculcation of right skills in the students and provides them with placement opportunities. Training and Placement Cell arranges 192 hours of training which includes soft skills, behavioural aspects and aptitude. Along with this, students are prepared to meet the growing demand of technical personnel by training them in an industry-oriented curriculum which includes UI/UX, IoT, Cloud Computing, Solar Engineering, Mobile Application Development, Coding and Code Optimization, etc. The 12 centers of excellence, are a feather on the cap as they make the students industry-ready. To strengthen the corporate bond, GNI signed MoUs with corporates for training the students and later getting them hired. These MoU’s include companies such as Berkadia, Cyient, EPAM, Magnaquest, Datawise, Multiplier Solution, Vistex, Polmon, VM Ware, Service Now, etc.

Inventory of Companies that have visited GNI Campus in the Year 2020 Recruitment Drive:

Training and Placement Strategies

The focus of GNI is to bridge the gap between academia and corporate through rigorous inputs taken from various corporates and then clubbing them with the students to fix the training objectives for that particular semester. For every semester, the student undergoes training, in various modules which include behavioural aspects, aptitude, reasoning, and technical components. These modules groom the student so that they become ready-made resources to float into the corporate waters. 250+ hours of training is imparted to each student apart from the regular academics. The strategies adopted are listed hereunder:

- Identifying the sectors for hiring
- Mobilizing career through appropriate training
- Rapport building
- Conveying the brand to others
- Extensive use of social media
- Career guidance and counselling cell

The students are trained, on various aspects such as technical, aptitude and attitude from 2nd year onwards. The 12 centres of excellence lead the students towards the enhancement of their technical skills by inclining them towards research. Finally, the leading corporate houses motivate and guide the students to perform well.
## GNI Talent Recruiters 2020 Batch

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<th>acuvate</th>
<th>CirtS Global IT Innovator</th>
<th>NTTdata Global IT Innovator</th>
<th>BERNADIA</th>
<th>Infosys</th>
<th>Arteck</th>
<th>MedPlus</th>
<th>Chegg</th>
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<tr>
<td>Tech Mahindra</td>
<td>ogk tech</td>
<td>niteec</td>
<td>jaro education</td>
<td>Amazon</td>
<td>wipec</td>
<td>impact</td>
<td>MediHub</td>
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<td>CYIENT</td>
<td>Axiom Consulting</td>
<td>Multiplier Solutions</td>
<td>Veeana</td>
<td>adani</td>
<td>sureshTech</td>
<td>Indiabulls</td>
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<td>DATA</td>
<td>DBS</td>
<td>EIDHO</td>
<td>Even</td>
<td>IMC Solutions</td>
<td>FMG Technologies</td>
<td>Globos</td>
<td>Goldman Sachs</td>
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<td>In-Biz</td>
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<td>MAO Software</td>
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<td>Mindtree</td>
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<td>rythmos</td>
<td>Cognizant</td>
<td>SAP</td>
<td>Development Center INDIA</td>
<td>TECHNOVERT</td>
<td>Techouts</td>
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<td>HCL</td>
<td>Zenesar</td>
<td>Hoshizaki</td>
<td>eBay</td>
<td>Medplus</td>
<td>poma</td>
<td>Berger</td>
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<td>IISER</td>
<td>RAAM GROUP</td>
<td>Just Dial</td>
<td>Aliens</td>
<td>SEP Capital</td>
<td>Heidelberg</td>
<td>Epam</td>
<td>JUSPay</td>
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<td>KEA</td>
<td>tavsci</td>
<td>Karvii Technologies</td>
<td>Biz-sell</td>
<td>k eka</td>
<td>Bosch</td>
<td>Sykes</td>
<td>Veon</td>
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<td><a href="http://www.gniindia.org">www.gniindia.org</a></td>
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Glimpses of Placements for 2020 Batch

GNI was able to place more than 900 students into many companies. Students have made it a proud moment by bagging the highest package of Rs 16.5 lacs. GNI is the most sought-after place for those who look out for a rewarding career.

GNI received the Best College award as an appreciation from Virtusa for Hosting Pool Campus Drive for more than 3000 students.

MoU with EPAM (Global MNC) for training and hiring 2021 batch students.

Students selected in Oppo R&D

Jubilant Students who got selected in NTT Data. GNI hosted a pool campus event of NTT Data wherein 1400+ students participated from various colleges of Telangana.

Team from Innovacx at GNI during Pool Campus Event in which more than 800 students participated from AP and Telangana.

Jubilant students selected in Value Momentum. This year GNI gave one of the highest numbers of selects to Value Momentum.

GNI hosted Campus Drive for Medha Servo Drive for MECH, EEE and ECE Students.
## Recruiter’s Testimonials

<table>
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<tr>
<th>No.</th>
<th>Company</th>
<th>Testimonial</th>
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</table>
| 1   | Sintex BAPL | This was the first time we hired students from GNI and we are indeed happy with our selections.  
Mr Tamilarasan, HR, Sintex BAPL |
| 2   | NTT Data | We are very happy to associate with GNI for campus hiring.  
Mr LOREM IPSUM |
| 3   | Amazon.com | GNI, Hyderabad always gives us well-groomed talent who fit into our requirements. We are happy to be associated with GNI.  
Mr. Fazil, TA Team |
| 4   | Wipro | Students are academically good; they have good subject knowledge.  
Mr. Maran, HR Team |
| 5   | Genpact | I visited GNI during the campus event and found very good students, they are logical in their approach and know what exactly they want in their career. Thanks to GNI for possessing good students.  
Mr. Muqeeth, HR Team |
| 6   | Value Labs | GNI this year again gave us very good selects. These students did well during the project deployment phase. We will surely hire year on year from GNI.  
Mr. Veera, HR Team |
| 7   | Polimor | GNI has given us good resources and they have been very productive in our R&D foray.  
Dr. (Col.) S. B. Rao, HR Team |
| 8   | Magnaquest | We have MoU (for Placement) with GNI through which we get best talent every year. Students of GNI are professionally groomed.  
Ms Sirisha Kamuni, HR Team |
Getting placed during college is a dream for all the students, and this dream became a reality when I got placed in Acxiom Consulting. I am from Nepal and my decision of joining GNI, proved right when I got the opportunity to work for Acxiom Consulting. I along with my parents, would like to thank the management and the college authorities for making my dream come into reality.

Mr. Shailesh Kumar, 16WJIA0599, CSE-GNITC, Acxiom Consulting

GNI is a wonderful place for all the students seeking the right career. My college has given me, and all my friends' many opportunities for getting the right job. The staff at GNI is very supportive and take a lot of pains for the development of the students. I am thankful to my faculties and management of GNI for my success.

Mr. Rishabh Sharma, 16WJIA05R4, CSE-GNITC, TCS

I am Ahmad Abubakar Mustapha, a Nigerian student who has bagged his Bachelor’s Degree in Computer Science and Engineering in July 2019 and currently pursuing Master’s in the same stream. Sincere Thanks and Appreciation goes to my Department’s faculties, all have played a vital role especially Mr. V. DEVASEHKHAR (HOD CSE-I). I Thank you all.

Ahmad Abubakar Mustapha, CSE Dept.

Guru Nanak Institutions is a place where you can find an amalgamation of learning, fun, culture, lore, literature, and many such life preaching activities. I am thankful for Training & Placement cell, Guru Nanak Institutions for providing a platform to enhance my skills and an opportunity to showcase them.

Mr. K Ravi, 16831A0561, CSE-GNIT, Apps Associates

I got placed in Value Labs it is because of the efforts put by our faculties and Training and Placement Cell, which always makes sure that the students get placed in the best company in the market. Guru Nanak Institutions provides great exposure to the students by organizing different activities which are very much helpful for every student for deciding their future field.

Mr. Janmanchi Mohan Krishna, 16WJIA05A1, CSE-GNITC, Value Labs

Guru Nanak Institutions has always believed in helping and guiding its students, and it was no different during the placement season. Regular training classes held at our college help us build aptitude, soft skills and technical skills. Our placement officers also guided and encouraged us every step, and thereby helping me secure placement in such a reputed company.

Mr. Vamshi, 16WJIA0317, MECH-GNITC, Wipro Infrastructure
RESEARCH INNOVATIONS

Ongoing Projects / Grants

AICTE, CSIR, JNTUH under TEQIP–II, ICSSR–SRC, DST sanctioned grants under ICPS for conducting International Conferences in Innovations, Workshops, FDPs, Research projects, Modernization of labs during academic year 2019–20. The Principal Investigators working on projects from different departments are listed here under:

- Dr. H S Saini, Professor in Computer Science Engineering, GNITC got sanctioned grant-in-aid of Rs. 50,000/- from AICTE under Grants for Conference Scheme (GoC) for conducting 8th International Conference on Innovations in Computer Science & Engineering (ICICSE –2019) in online mode on 28th & 29th August’2020.

- Dr. R. K. Singh, Professor in ECE & Associate Director, GNITC got sanctioned grant-in-aid of Rs. 5,00,000/- under Grants for Conference Scheme (GoC) from AICTE for conducting 8th International Conference in Electronics & Communication Engineering (ICIECE-2019) on 3rd –4th August, 2019.

- Dr. S. J. Sugumar, Professor in ECE, GNITC got sanctioned grant-in-aid of Rs. 1,00,000/- from CSIR for conducting 8th International Conference in Electronics & Communication Engineering (ICIECE-2019) on 3rd –4th August, 2019.

- Dr. Rishi Sayal, Professor in CSE & Associate Director, GNITC got sanctioned grant-in-aid of Rs. 1,00,000/- from CSIR for conducting 7th International Conference in Computer Science & Engineering (ICICSE-2019) on 16th –17th August, 2019.

- Dr. Rishi Sayal, Professor in CSE got sanctioned grant-in-aid of Rs. 2,80,667/- from AICTE for conducting three online series Short-Term Training Programs (STTPs) on “Cyber Security and Black Chain Technology” on 10th September, 2020.

- Dr. N Srinivas Kumar, Professor in MBA, GNITC got sanctioned grant-in-aid of Rs. 40,000/- from ICSSR–SRC for conducting Two Day National Workshop on “Data Analytics in Management Sciences using SPSS (Statistical Package for Social Science)” on 20th January, 2020.

- Dr. G. Sankaranarayana, Dean of Mechanical Engineering got sanctioned grant-in-aid of Rs. 15,00,000/- from AICTE for Modernization of Thermal Engineering Lab on 10th December, 2019.

- Dr. G. Sankaranarayana, Dean Mechanical Engineering got sanctioned grant-in-aid of Rs. 12,03,333/- from AICTE under Aspiring Rural Institutions for Modernization of Machine Tool Lab on 12th February, 2020.

- Dr. M. I. Thariq Hussan, HoD of Information Engineering got sanctioned grant-in-aid of Rs. 14,78,431/- from AICTE for Modernization of IoT based Android APIs using Cloud on 12th February, 2020.
Dr. S. Naga Kalyan, Professor in Mechanical Engineering got sanctioned grant-in-aid of Rs. 7,45,098/- from AICTE under Research Promotion Scheme (RPS) for execution of research project titled “Experimental Investigations on Al-Mg-Gr, alloys for fine texture enhancement by using cross accumulating roll bonding and accumulating roll bonding methods on 10th September, 2020.

Dr. Emmanuel D K Meduri, Professor in MBA got a sanctioned grant-in-aid of Rs. 5,00,000/- from AICTE for conducting three series online Short-Term Training Programs (STTPs) on “Emerging trends in digital analysis” on 10th December, 2020.

Dr. A Rajkumar, Professor in Mechanical Engineering & Head got sanctioned grant-in-aid of Rs. 3,00,000/- from JNTUH under TEQIP-III for Project Experimental Investigation of a Novel Magnetic fuel ionization method in a Di-diesel Engine to improve the performance and Emissions on 22nd July, 2019.

Dr. P.V.S.N. Pavan Kumar, Civil Department applied to AICTE for a grant of Rs. 19,95,400/- under the scheme, modrobs for ‘Up gradation of equipment to assess the characteristics of soil.’

Dr. P.V.S.N. Pavan Kumar, Civil Department applied to AICTE for a grant of Rs. 4,00,000/- under the scheme of SC/ST students for setting startups.’

Dr. P.V.S.N. Pavan Kumar, Civil Department applied to Telangana State Council of Science and Technology for a grant of Rs. 5,00,000/- for a minor research project.

Dr. Parameshwar Ravula, Assistant Professor, GNITC School of Pharmacy has executed one R&D project in the area of medicinal chemistry, the project entitled “Design, microwave-assisted synthesis and antiproliferative activity of pyrazole derivatives as novel VEGFR-2 inhibitor.” It was sanctioned by UGC–SERO under the Minor Research Project program.

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**Patent Filed / Intellectual Property Rights (IPR)**

- Dr. H. S. Saini, Managing Director, GNI and Dr. B. Vijay Kumar, GNIT, have filed a patent (F. No. PCT/IN201841022587) entitled “Split Exhaust System with Single and Multiple Suction Fans for Flue Gases in a Kitchen Chimney” to World Intellectual Property Organization (WIPO) through Patent Cooperation Treaty (PCT) and published in a Journal on 19th December, 2019.

- Dr. Shanthi, Professor & Head – EEE, GNITC filed a patent (F. No. 201941043773) entitled “Siscoplan Composite Material” to Indian Patent Office and published in Indian Patent Office Journal on 29th November 2019.

- Dr. Chandragupta Mouryan, Professor in EEE & Asst. Dean R&D, GNITC filed a patent (F. No. 201941052333) entitled “Consumer End Load Scheduling and Monitoring Using IoT” to Indian Patent Office and published in Indian Patent Office Journal on 20th December 2019.
- Dr. Sagar Pamu, Asst. Professor in Pharmacy, GNITC filed a patent (F. No. 201941012134A) entitled Isolation and characterization of fluorescent chemical from Banana Ash Indian Patent Office and published in Indian Patent Office Published on 24th May 2019.

- Dr. M. I. Thariq Hussan, Professor & Head – IT, GNITC filed a patent titled “IDCC-Device: Intelligent Detect and Control Cybercrime Device” dated 25-05-2019 and the publication date is 07-06-2019.

- Dr. Sagar Pamu, Assistant Professor in GNITC- School of Pharmacy, has an achievement of patent application as an inventor for title “Banana Extract, Preparation Method and Application of Banana Extract” with a Patent Application Number: 201941012134.


**Recognition of MSME Incubation**

- GNITC received recognition of the Host Institution (HI) and Business Incubator (BI) for implementation of the scheme, “Support for Entrepreneurial and Managerial Development of MSME through incubator” by MSME, New Delhi on 20th December 2019 with Registration Number: HIBITS000049.

- R & D Organized Ideation Day 2020 on 20th January, 2020 as part of incubator activity. The Engineering and Science students participated and presented their innovative ideas on emerging technologies. The novel ideas are submitted to MSME through GNITC incubation for funding support.

**Induction Programs Conducted by R&D**

- R&D department conducted a Two-day Faculty Development Program on ”Research Methodology on 18–19 June, 2019.” The resource person was Dr. R. S. Chalapathi, Director, Institute of Sigma Learning, Hyderabad.

- Dr. S. V. Ranganayakulu and his team delivered a talk on “Research & Development Opportunities for B.Tech. Students and R&D innovation Centers at GNITC” as part of the induction training program on 9th– 13th, July 2019.
Awards to the Individuals

- Dr. S. V. Ranganayakulu, Dean R&D was conferred Visiting Scientist Award by Indian National Science Academy (INSA) for the year 2020–2021. Under this award, he was granted minor fund to take short visit the Centre for Nondestructive Evaluation of IIT Chennai to upgrade the skill set and research methods in the area of Artificial Intelligence (AI) based NDT studies.

Awards at the Institution Level

- GNITC has been ranked one among the top 75 in private or Self-Financed Colleges /Institutes at National level in "Atal Ranking of Institutions on Innovation Achievement (ARIIA)-2020" awarded by consortium of AICTE, MHRD & MIC.

- GNITC has been ranked as 15th under Outstanding Engineering Colleges of Excellence category by CSR–GHRDC colleges survey–2020.

- GNITC has been ranked 5th best in Telangana, ranked 4th in Infrastructure category, ranked 7th in Research & Development Category, 9th in Placement Category surveyed by Times of India in 2020.

R&D Monographs/Books published

ENTREPRENEURSHIP DEVELOPMENT CELL

Innovation Entrepreneurship and Technology Session

Startup Seminar on How to Plan for Startups, Legal and Ethical Steps
A Seminar on “How to Plan for Startups, Legal and Ethical Steps” was organised by the Mechanical Engineering Department of GNIT on 28th February, 2020. The speaker and the guest of the programme was Sri. L. Rambabu. An MoU was signed on 28th February, 2020 between the Mechanical Engineering Department of GNIT and Bravld Engg. Pvt. Ltd.

MHRD IIC Startup Seminar
A session was held to motivate the students to participate in “MHRD IIC Startup” by Dr. B. Vijaya Kumar, Head of the Department, Mechanical Engineering Department, GNIT.

Smart India Hackathon—2020
Students of 2nd and 3rd year participated in ‘Smart India Hackathon 2020’ held in January 2020. One out of the five teams that participated in the event, is qualified for the first round.

GLOBAL COLLABORATIONS

Expert Talks of the Delegates from Campbellsville University

Renowned delegates from Campbellsville University visited GNI on 15th October, 2019. They interacted with the students and gave them insight about the courses offered at Masters level by CU. Dr. Donna Hedgepath, Provost and Vice President for Academic Affairs, Mr. Benji Kelly, Vice President for Development and Mr. Kiran Palla, Director of Placement Center & Instructor of Business addressed the GNI students.

Visit of the Ms. Weihong Sun, Director International Admissions from University of Detroit Mercy, Michigan, (US)

Ms. Weihong Sun, Director International Admissions from University of Detroit Mercy, Michigan, (US), visited GNI on 29th January, 2020. She interacted with the students and briefed them about the Masters programs offered by UDMercy. She explained the admission procedure, eligibility criteria and part-time job opportunities at Michigan.

Visit of the Representatives from Indiana Wesleyan University on 2nd November 2019

The Department of International Affairs organized an expert talk with the Representatives of the Indiana Wesleyan University with the Students of GNI. Dr. Eric Harter, Representative of the University discussed with the students about the various Masters programs offered by the University for International Students. The course details, fee structures, admission procedures were also detailed to the students by the University Team.

Sixth Educational Tour to Australia on 13th January 2020

Dr. H. S. Saini, Managing Director, GNI led the 6th International Educational tour to Australia. It was organized for 11 students from Engineering, Pharmacy and Management studies. The objective was to educate them about the study opportunities abroad and to and also to make them globally ready. The team visited University of Sydney, Sydney and Deakin University, Melbourne as a part of the tour. This gave the students a good insight of the higher Education system of the Kangaroo country. The trip made the students aware of the global study culture and enhanced the chances
8th International Conference on Innovation in Electronics and Communication Engineering (ICIECE-2019) on 2nd –3rd August, 2019

This Conference was organized on 2nd –3rd August, 2019 by the Department of Electronics and Communication Engineering of GNITC and GNIT. The research contributions were from India and across the globe. Around 450 papers were received, 307 papers were shortlisted by reviewers for publication in conference proceedings and selected papers were to be published in SCOPUS Indexed Springer Lecture Notes. Extended version of papers is expected to be published in the special issue of “International Journal of Innovations in Electronics and Communication Engineering (IJIECE).”

This conference was funded by AICTE, CSIR and DRDO-NSTL and supported by Springer, ISRO, Red Hat Academy, Adobe Creative Cloud, ESCl, and IETE. Inaugural function was presided by honorable Chief Guest, Prof. Mohd Rizal Bin Arshad, Professor and Dean of the School of Electrical and Electronics Engineering, University Sains Malaysia, Dr. Goh Kam Meng Tunku Abdul Rahman, University College, Kuala Lumpur, Malaysia (Guest of Honor), Dr. K. Anitha Sheela, Professor and Head, Electronics and Communication Engineering, JNTUH, Hyderabad (Guest of Honor) and Dr G. Prasad, Scientist/Engineer “SG”, Head Special Projects and Photo Processing Division, NRSC, ISRO, Balanagar, Hyderabad (Guest of Honor). Conference proceedings were released during the inauguration followed by Journal JIECE Volume 9 Issue 1. The Journal JIECE Volume 9 Issue 1 and Conference Proceedings was released during ICIECE-2019.

7th International Conference on Innovations in Computer Science and Engineering (ICICSE-2019)

This conference was organized by the Computer Science Department on 16th –17th August 2019 in collaboration with the Council of Scientific & Industrial Research (CSIR), Microsoft and Springer LNNS series publication. CSIR granted an amount of Rs.1,00,000/- for launching this conference. It aimed to provide an international forum that brings together researchers, scientists, academicians, corporate professionals and technically sound students from around the world under a single platform to promote research advancements in the field of Computer Science Engineering. It was attended by participants, from all parts of the globe.
The selected papers were published in Scopus indexed LNNS Springer Series, Journal of Innovation in Computer Science & Engineering (JICSE), Journal of Innovation in Information Technology (JIIT) or Book proceeding with valid ISBN.

The journey of this mega event was channelized from November 2018, under the guidance of our National and International Advisory Board members. Dr. A. Govardhan, Professor & Rector JNTUCEH, Dr Vijanth Sagayan Asirvadam, Director of Institute of Autonomous Systems, Universiti Teknologi, PETRONAS, Perak, Malaysia, Mr G. Rama Seshagiri, Senior Principal Scientist, Head – IT Group, CSIR – NGRI, Hyderabad, Mr Meka Venkata Chalapathy, Senior Director & Talent Management Head, Virtusa, India, Mr. Dhrumil Sorathia, Multiplier Solutions and Dr. D. D. Sarma, Fellow CSI, Recipient LTA Award, CSI, Fellow A.P and Telangana Academics of Sciences were the guests of honour and the Chief Guest was Dr. A. K. Nayak, Fellow & President, CSI for this conference. There were two MOUs signed for attaining quality education and research. During this conference various proceedings were released such as Souvenir Springer, Journal JICSE Volume – 8 Issue-2, Journal JICSE Volume-9 Issue-1, proceedings, Journal JIIT Volume 3- Issue – 1 and Journal JIIT Volume 3- Issue – 2.

4th International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE-2019) on 26th and 27th July, 2019

The Electrical and Electronic Engineering Department of GNIT organized an International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE-2019) on 26th and 27th July, 2019. The dignitaries of the conference were Dr. M. Ramalinga Reddy, Director of GNITC, Prof. P. Parthasaradhy, Associate Director and Dr. Fawnizu Azmadi Hussin Chairman, IEEE Malaysia Section, University, Teknologi, Malaysia. They shared their words of wisdom during the conference. The guests and the dignitaries of GNI released the proceedings of the conference. The Guests were felicitated by the Director and Management of GNI.
4th International Conference on Innovations in Pharmaceutical Sciences

School of Pharmacy, GNITC organized 4th International Conference on Innovations in Pharmaceutical Sciences (ICIPS–2019) on 9th and 10th August, 2019 in association with Indian Pharmaceutical Association with an aim to provide a unique platform to the researchers, professionals, academicians and experts of Pharma industry, and other allied fields of healthcare from the global village, to interact/share their experiences and knowledge on the theme, “Innovative Exertions in Pharmacy.”

As a part of ICIPS–2019, a pre-conference tutorial was organized at School of Pharmacy on 3rd August, 2019. Dr. Krishna Mohan Chinnala, Vice President, APTI (Association of Pharmaceutical Teachers of India), Telangana chapter had delivered the pre-conference tutorial talk on “Pharmacist: A Healthcare Professional.” The conference (ICIPS–2019) was inaugurated by the Chief Guest Dr. T. V. Narayana, President, Indian Pharmaceutical Association, Mumbai along with the conference Chair & Managing Director, GNI, Dr. H. S. Saini and conference co-chair & Director, GNITC Dr. M. Ramalinga Reddy in the presence of the Guests of Honour Prof. Sreekantha B Jonnalagadda from University of Kwazulu-natal, South Africa, Mirza R Baig, Professor & Head, Dubai Pharmacy College, UAE.

3rd International Conference on Innovations in Mechanical Engineering (ICIME 2020)

This conference was organized by GNI, Hyderabad on 10th & 11th January 2020 in collaboration with Springer Scopus Indexed Journal for the Conference Proceedings. It was funded by AICTE through Dr. S. Sreenatha Reddy, Principal, GNIT. The theme of the ICIME 2020 was on the innovations in Mechanical Engineering. The platform was for the benefit of researchers, scientists, technocrats, academicians and engineers who could share their innovative ideas and new findings.

Pre-conference tutorial was organized on 4th January 2020. The Conference was presided over by the Chief Guest Dr. K. Bhanu Sankara Rao, Pratt & Whitney Chair Professor–School of Engineering Sciences and Technology, University of Hyderabad. Prof. Dufera Tolcha, Adama Science & Technology University, Ethiopia and Mr. Rafi Ahmed, Joint Director, Ministry of Mines and Geology were the Guests of Honour for the Programme.
Around 500 Research Papers were received from Academicians and Researchers from different parts of the country and the world. The papers submitted were on Emerging Areas and Innovations in Mechanical Engineering. Conference Proceedings collaborated with Springer India with ISBN and Journal of Innovation in Mechanical Engineering (JIME)- 2020, were released by the Chief Guest and the Guests of Honour. The sessions were chaired by eminent Professors and Doctorates from South Korea, University of Hyderabad, JNTUH, NIT Warangal, BITS Hyderabad, etc. Mr. Sardar G. S. Kohli, Vice-Chairman - Guru Nanak Institutions; Dr. H. S. Saini, Managing Director; Dr. M. Ramalinga Reddy- Director GNITC; Dr. S Sreenatha Reddy-Principal, GNIT; Dr. B. Vijay Kumar and Dr. G. Sankaranarayanan and Dr. A. Raj Kumar, HOD-Mechanical were also part of the conference.

**Two Week National Level FDP on “Cyber Security, Crypt Analysis and Security for Physical Infrastructure” on 9th to 20th December 2019**

The Department of Computer Science Engineering and the DST-ICPS division sponsored National Level, Two Week FDP on “Cyber Security, Crypt Analysis and Security for Physical Infrastructure” Under Interdisciplinary Cyber Physical Systems (iCPS) from 9th to 20th December 2019. The objective of the conference was to create cyber awareness among the technocrats. Dr. G. Narsimha, Professor, CSE, JNTUH - CEH, introduced cryptography and the research directions in cryptography and discussed the necessity of cryptography in various application domains. The session was informative and motivated many researchers.

**FDP on “Digital System Design” – 20th June 2019**

ECE department organised a one-day Faculty Development Program on 20th June, 2019, the resource person was Dr. Esther Rani Thuraka on the topic “Digital System Design.”

**FDP on “Digital System Design” – 21st June 2019**

ECE department organised a one-day Faculty Development Program on 21st June, 2019, the resource person was Dr. B. Satish Kashyap on the topic Digital System Design.
3 Day National Workshop on “Intelligent Automation through Machine Learning” on 26th and 28th December 2019
CSE Department organized a 3-day National Workshop on “Intelligent Automation through Machine Learning” on 26th and 28th December 2019. It was sponsored by DST-ICPS division for faculty members, Doctoral, PG and UG students. It was specifically meant for the Scheduled Tribe (ST) category. The objective was to make the students insightful about the Machine Learning field. It was to make them learn the fundamentals of machine learning, its application in various industries, design and analyze the algorithms, and techniques with a modern outlook, and with a focus on recent advances.

The Chief Guest Dr. K. Gopinath, Professor from IISc- Bangalore released the proceedings of the workshop, and Dr. Rishi Sayal, Co-Patron and Associate Director of GNITC, released the E-Proceedings of the workshop. Dr. Rishi Sayal spoke about the uses and application of ML and emphasized on the importance of the workshop to faculty members and students. Dr K. Gopinath spoke about the advances of Machine Learning and its relation to human life. He also spoke about the job opportunities in the field of AI, ML, DL and IoT, and their role in decision making and problem-solving. For the enthused participants Dr. Rishi Sayal and Dr. S. Madhu presented certificates.

Seminar on Artificial Intelligence and Machine Learning
The Department of Information Technology conducted a seminar on Artificial Intelligence and Machine Learning on 5th February, 2020. The seminar was headed by Mr. Krishna Challa, Associate Vice President of Career Launcher, Hyderabad.

Guest Lecture on “Design and Analysis of Algorithms” on 2nd - 4th Feb, 2020
A guest lecture on “Design and Analysis of Algorithms” was organized by the IT department on 4th to 2nd February, 2020 for II-year students. Dr. Halavath Balaji, Professor/CSE department, Sreenidhi Institute of Science and Technology was the guest lecturer.

Guest Lecture on AI for Big Data Analytics
A guest lecture on “AI for Big Data Analytics” was organized by the IT department on 25th November 2019. Professor Raj Kamal, Professor/CSE department, Prestige Institute of Engineering, Management and Research, Indore spoke about the importance of AI in the field of Big Data Analytics.

Guest lecture on Artificial Intelligence
CSE Department of GNITC organized a guest lecture on “Artificial Intelligence” on 12th February, 2020. It was organized by Dr. J. Rajeshwar, HOD, CSE and Prof. V. Devasekhar, HOD, CSE-2. The resource person was Dr. G. Narsimha, Professor CSE Department, JNTUH, Hyderabad.
Guest Lecture on HVDC Transmission
Department of EEE of GNIT conducted a guest lecture 18th November 2019 on "HVDC Transmission", it was delivered by Dr. Kuldip Singh for the final year students of the EEE branch.

Guest Lecture on EMF
A guest lecture on "EMF" was arranged for the second-year students of EEE branch on 9th November 2019. The guest lecture was delivered by Dr. E. Vidya Sagar, Associate Professor, University College of Engineering, Osmania University, Hyderabad.

Guest Lecture on Influence of Waste Materials in Low Cost Buildings
A guest lecture on "Influence of waste materials in low cost buildings" was organized by the Civil department, GNITC on 29th January, 2020. Guest speaker was Mr. C. Madhu Sudhan, Head CETA.

Guest Lecture on Innovative Methodology in Construction Industry
A guest lecture on "Innovative Methodology in Construction Industry" was held on 4th March, 2020 by the Civil department. Guest speaker was Mr. P. Prabhakar Rao, Former Director, Infosys.

Guest Lecture on Latest Trends in Broadcasting
A guest lecture was organised by ECE department on 19th October 2019 on the topic "Latest Trends in Broadcasting" by Dr. D. Ranganadham

Guest Lecture on Digital System Design
A guest lecture was organised by ECE department on 25th October, 2019 on the topic "Digital System Design" by Dr. Esther Rani Thuraka

Guest Lecture on Antennas and Wave Propagation
A guest lecture was organised by ECE department on 30th October 2019 on the topic 'Antennas and Wave Propagation' by Dr. K. N. Sahu.

Project Expo-Workshop
Students participated in the "Project Expo-Workshop" conducted by the Department of Mechanical Engineering, GNIT. Dr. P. Venkata Ramana, Professor of Mechanical Engineering, Mahatma Gandhi Institute of Technology (MGIT), Hyderabad was the guest and the judge for the event.

Workshop on Mechanical Softwares
A workshop on "Mechanical Softwares" for the benefit of Mechanical students was organised by the Mechanical Engineering Department, GNIT. Mr.Ravi Teja, a Trainer from CANTER CADD guided the detailed information about the Mechanical Softwares.
Ideation Day @GNI

Ideation Day was conducted on 20th January, 2020 in the seminar hall (PG Block) as per the guidelines of MSME. Students from Engineering, Pharmacy and Management presented their innovative and creative ideas. Seventy-two teams from various streams registered for this event and 54 ideas were presented by the students. All the presented ideas were evaluated in terms of novelty, technology, societal and commercial parameters. 20 best innovative ideas were shortlisted. Of them 19 teams turned out and uploaded their ideas on 22nd January, 2020, through Institute Online MSME –BI portal. In addition to these, they submitted/uploaded four more ideas in collaboration with industries. Dr. M. I. Thariq Hussan, Professor in IT, Dr. S. P. Yadav, Professor in ECE and Dr. Sankara Narayanan, Dean of Mechanical Engineering judged the ideas presented by the students. Dr. S.V Ranganayakulu, Dean R&D coordinated the event.

Seminar on Road Map on Summer Internships

A seminar was held on "Road Map for Summer Internships" to bring awareness about the need of internships to students by Mr. M. Srihari, Assistant Professor of Mechanical Engineering Department, GNIT on 18th February, 2020.

Expert Lecture on Mechanics of Solids and Design of Machine Members

An expert lecture entitled "Mechanics of Solids and Design of Machine Members" was held on 14th November 2019. The lecture was delivered by Dr. S. Solomon Raj and was organized by the Mechanical department.
INDUSTRIAL VISITS

Industrial Visit to Coca Cola Company
The Department of Humanities and Sciences organized a one-day educational trip to Coca Cola Company for B.Tech first year students.

Entrepreneurship Awareness Program
B.Tech III year IT Students attended Entrepreneurship Awareness program in T-HUB at IIIT Hyderabad on 15th February, 2020

Industrial Visit to MSME Development Institute
B.Tech II year IT students of GNITC visit MSME Development Institute at Hyderabad on 30th January, 2020

Industrial Visit to NRSC / ISRO
B.Tech II-Mechanical Engineering students of GNITC visit NRSC / ISRO, Jeedimetla, Hyderabad to know about the Space programmes on 26th February 2020 as part of Industrial visit.

Industrial Visit to M/S RAMTECH Manufacturing Industries
B.Tech III-Mechanical Engineering Students of GNITC Visited M/S RAMTECH Manufacturing Industries Cherlapally, Hyderabad to see the CAD/CAM, CNC Precision Components Manufacturing Unit on 19th-27th September, 2019

Industrial Visit to M/S Sai Radha Krishna Cold Storage Pvt Ltd.
B.Tech IV-Mechanical Engineering Students visit M/S Sai Radha Krishna Cold Storage Pvt Ltd. Managalpally, Hyderabad to see the cold storage and water treatment on 3rd - 5th October 2019.

Industrial Visit to Tech Fluent Solutions Private Limited
The department of ECE organised an industrial visit to Tech Fluent Solutions Private Limited, Hyderabad. The students were given a technical exposure on “VLSI and graphical system design” on 6th November 2019.

Industrial Visit to Mansasarowar ISPAT Private Limited
ECE Students Visit Mansasarowar ISPAT Private Limited, in the month of January, 2020
FACULTY ACHIEVEMENTS

- Dr. M. Shoukath Ali, Associate Professor, ECE Department has been awarded with Doctorate degree in the research area of “Improving the QoS using Priority Packet Scheduling Scheme for Wireless Sensor Networks” by Sri Satya Sai University Technology & Medical science on 12th July 2019.
- Dr. V. Bhagya Raju has been awarded a Doctoral degree from JNTU-Hyderabad in the month of December 2019 for his work on “Design of Algorithms for Multispectral Image Compression.”
- Dr. Parameshwar Ravula, Assistant Professor, GNITC – School of Pharmacy received his Ph. D in “Design, synthesis and biological evaluation of some novel heterocyclic compounds of medicinal interest” from Jawaharlal Nehru Technological University, Hyderabad in 2019.
- Dr. S. V. Ranganayakulu, Dean R&D was conferred Visiting Scientist Award by Indian National Science Academy (INSA) for the year 2020-2021. Under this award, he was granted a minor fund to take a short visit to the Centre for Nondestructive Evaluation of IIT Chennai to upgrade the skill set and research methods in the area of Artificial Intelligence (AI) based on NDT studies.
- Mr. Balakrishna Vuyyala, working as Assistant Professor in GNITC–School of Pharmacy has published two books namely “Hepatoprotective Activity of Terminalia Chebula and Drug Interactions of Sitagliptin with Antiretroviral Drugs in Animals” published by Lambert Academic Publishers for the year 2018-19.
- Dr. Sridhar Maddi, Associate Professor of English authored “Indo–Fijian Diasporic Writing English” by Lulu Publisher, 2019. ISBN 9780359984886.
STUDENT’S ACHIEVEMENTS

Super IGNITE Team Participated in the International Event Formula Bharat-2020

The Super IGNITE Team participated in the International Event "Formula Bharat-2020" in Coimbatore, which was held from 22nd-26th January, 2020. The team cleared the static events and was placed in a good position in the list which comprises IITs, NITs and other prestigious Institutions and Universities. The college management and staff supported and guided the team throughout the project work and this was considered as a big step towards building and designing better and innovative machines.

The Super IGNITE Team participated in a Go-Karting event conducted by the Society of Mechanical and Automotive Engineers (SAME) where teams from all over India participated for the ultimate prize, held at Hasten Go-Karting, Gurramguda.

The teams stood as overall Runners up in the 2019 edition and came as static champions and won few other awards in the 2020 edition. The team had presented a total of four vehicles in the academic year 2019-2020.

TSI students were appreciated by Dr. S. Sreenatha Reddy, Principal of GNIT for standing first in the 'Static Rounds Awards' by coming up with the best design of kart with less weight at the 'Students’ Kart Design Challenge'.
NASA Team Member Mr. Nimesh Khulal completed his Internship at Nexus Space Development Center

GNI-NASA team member Mr. Nimesh Khulal successfully completed his internship at Nexus Space Development Center, New Delhi. He was appreciated by the eminent dignitaries for his industrious commitment in the construction of 5km range rockets. During his tutelage he met former Scientist of NASA, Gabe Gabrielle and Sanjay Rathee, CEO of Nexus Space Development Centre. GNI congratulated him for his achievements and for making a niche of himself.

S. K. Raeeeq, EEE 3rd year student of GNIT stood 2nd in Volley Ball Sport-A National Level Sports Festival-2K19 held at Anurag Group of Institutions, Hyderabad.

S. Giridhar Rao and N. Charak - 3rd year EEE students of GNIT, stood 1st in the Badminton Game held at Vignan Bharathi Institute of Technology, Ghatkesar, Hyderabad.

II CSE Section-1 Students Secured II Prize in Football

M. Ranjith Yadav from II CSE Section-3 Won II prize in Volley Ball tournament conducted at Anurag Group of Institutions

M. Ranjith Yadav from II CSE Section-3 Won I Prize in Volley Ball tournament at MVSR College

Ch. Shiva Chaitanya from III CSE Section-1 Bagged I & II Prize in Basket Ball at KPRIT College and Bharat College of Engineering

Students Won Second Prize in Volleyball Competition at Anurag Group of Institutions

Miss. Afzoon Butool and Miss. Sushrusha, Pharm. D Interns published a book on 'Assessment of Drug Interactions & Drugs Resulting in QT Interval Prolongation' under the guidance of Dr. Sagar Pamu.

M. Sirisha, Keerthi Thanneru and Murali Krishna – 6th Year Pharm. D Interns published a book on 'Study on Safety and Adverse Effects of Ivabradine in Acute Myocardial Infarction' under the guidance of Dr. T. Lakshmi Professor and HoD- Pharm. D

Tarun Sai, IV-B, Pharm. Student from GNITC-School of Pharmacy qualified for GPAT with a rank of 1058, with CGPA - 8.96

EXTRA-CURRICULAR ACTIVITIES

Independence Day Celebrations-2019
On the eve of 73rd Independence Day, our honourable General Manager, addressed the august gathering. Through his words he inculcated the beautiful virtues of real life, social skills and empowerment of all the genders, irrespective of caste, creed, religion, race and cultures. He said that hard work and confidence make a person successful in life, it is the best medicine to kill the disease called ‘failure’, Jai Hind.

Under 25 Summit Event – 2019
The Under 25 Summit Event was organized by GNI, Hyderabad on 29th August 2019. It was an electrifying experience for an audience of 1500 students. The Keynote speaker for the event was Nidhhi Agarwal, ‘The Ismart Shankar’ actress. She threw light upon how important it is to follow your dreams.

GNI Alumni Meet- Rendezvous 2019
GNI organized Alumni meet on 13th July 2019 in which 150+ alumni participated from various parts of India and made the event a grand success. Alumni who participated were from companies such as Deloitte, Berkadia, Tech Mahindra, FTD, Byjus, Capgemini, Cognizant, Amazon, CtrlS, Cyient, LNT, etc. They gave their suggestions and inputs so that GNI grows in three folds.

NASA Space App Event 2019
NASA Space App Challenge 2019 pre-hackathon was conducted in GNI on 31st August 2019. It was organized by SUMVN which is a 24 hours hackathon. In the state of Telangana, this event was organized by GNI for the first time. The event was supported by the Government of Telangana, StartupIndia, Department of Science and Technology, Invest India, ICRISAT and Outshade digital Media. Around 400 students participated in this event and proved their talent of creativity to build innovative solutions to challenges faced on earth and in space. In addition to the event, 900 students participated in the BootCamp.

Republic Day –2020 Celebrations in GNI
The 71st Republic Day was celebrated by GNI in all its solemnity and grandeur at GNITC I year Block on 26th January 2020. The Indian National Flag was hoisted by the Dean–GNITC accompanied by Col. Rajesh (Retired), General Manager–Administration and followed by the National Anthem. Dr. A. K. Goel, Dean–Academics, GNIT; HoD & Dean–Mechanical–GNITC, Dr. Alex Stalin, HOD–IT, GNIT; teaching Staff, Non-teaching staff and the students were part of the program. Col. Rajesh and other dignitaries highlighted the significance of the day, and made the students aware that the future of the country lies in their hands.
Winter Fest “Brumous Fiesta – The Bурgeoning”

The most awaited winter fest, BRUMOUS FIESTA, was successfully organized at GNI for 2 days, i.e., on 31st January and 1st February 2020 with pomp and splendour. The event was inaugurated by Managing Director, Dr. H. S. Saini, and presided over by Dr. M. Ramalinga Reddy, Director-GNITC and Dr. S. Sreenatha Reddy, Principal-GNIT. The students were enlightened by the speeches of the dignitaries. The event was conducted to showcase the young talents of the students and unmask the hidden talents of the students and faculty members. The event was covered live for 2 days and bagged huge response online. On the first day Orbozine magazine was released by the honorable Managing Director and Director of GNI. Orbozine is a student startup, it got registered from the year 2019 to provide an opportunity to the students to showcase their talents and to have a different kind of exposure to evolve further with a free outlook. Many recreational activities were conducted to keep the spirit alive such as singing, antakshari, Mr. and Ms. Libaz, and Mr. & Ms. GNI, and the winners were appreciated and accoladed. The Managing Director Dr. H. S. Saini, distributed the prizes to the winners, accompanied by General Manager (Administration), Rajesh Kumar & Associate Director, R. K. Singh. The two-day event was a huge success leaving the students the best memories to cherish with.
Guru Nanak Dev ji’s 550th Birthday Celebration

Guru Nanak Dev ji’s 550th Birthday was celebrated on 9th November 2019 @GNI, with lots of reverence and fanfare. Kirat Karo Naam Japo Wannd Chhako (Work hard and honestly, always remember God, and share with the needy). Students from varied cultures, traditions, countries and states assembled to make this 550th Gurupurab a grand success. “Before becoming A Sikh, A Muslim, A Hindu or A Christian, let us become a good human first.” The Guru Granth Sahibji was brought to the college. The Occasion was graced by Chairman Sardar T. S. Kohli, Vice Chairman Sardar G. S. Kohli, Managing Director Dr. H. S. Saini, Director, AD’S, teaching and non-teaching staff and the students of GNI. “Superiority Depends Not On Religion, but on Good Deeds.”
GRADUATION, INDUCTION & ORIENTATION DAY

GNITC @ First Year 2019–20 – Induction Programmes

Induction programme was organized for all the B.Tech first year students on 16th – 28th July, 2019. It was organized by the Humanities and Basic Sciences Department, GNITC. The programme was inaugurated by honorable Managing Director, Dr. H. S. Saini, he addressed the students on the importance of Engineering, job opportunities and facilities provided by the Institute. The Director and other experts addressed the students and parents.

Freshers Day Celebrations

Seniors from every department welcomed the juniors by organizing Fresher’s Day. Juniors were hilarious by being part of stage shows like Mr. and Miss Fresher events.

B.Tech II year IT students organized Fresher’s day for the juniors on 21st September 2019. The very purpose of Fresher’s Day party is to welcome the newcomers into a friendly atmosphere and to encourage their creative impulses to boost up their confidence. It is the day where seniors and juniors finally bond and unite to celebrate. The stage is set for freshers to showcase their talents.
Jayesh launches India’s first virtual career fair

In a bid to make sure students get a good job even during Corona pandemic, India’s first virtual career fair was organised by GNI Nare Institute, inaugurated by Principal Secretary of the State. The fair saw over 40 companies offering around 5,000 jobs to the students. The career fair adopted an integrated approach wherein the online job recruitment process is being conducted online. The companies conduct online tests and interviews of registered students for hiring them. Jayesh Hanumappa appreciated the efforts of GNI Nare Institute and congratulated Vice Chairman Gini Nare Institute, Saikte G.K. Kollu on taking up the efforts during these times of pandemic and helping youngsters in securing jobs in some reputed organisations.
For Admissions, Contact:

+91 800 829 5550 / 51

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