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Prof. Dr. G. Subba Rao
Principal, GIST, Nellore

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Chaiman:

Prof. Dr. G.Subba Rao, Principal

Convener's:

Mr. K.Vijay Bhaskar Reddy, HOD/CSE&IT

Mrs.G.Kameswari, HOD/R&D

Faculty Co-ordinators:

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Mrs. S.Sumalatha, Assoc. Professor

Mr. Y.Madhava Rao, Asst Professor

Mrs. V.Gayathri, Asst. Professor

Mrs. N.Sivanagamani, Asst. Professor

Mr. I.Ravi Sireesh, Asst. Professor

Mrs. V.Bharathi, Asst. Professor

Mr. Sk.Asif, Asst.Professor

Mr. R.Nava Teja Reddy, Asst. Professor

Mr. Y.Sai Sandeep Reddy, Asst. Professor

PROFILE OF THE INSTITUTION

The Vision of Ushodaya Educational Society was translated into the establishment of Geethanjali Institute of Science and Technology, through the endeavors of the architect of the concept Sri. D.B. Ravi Reddy, the President of the Institution, the able supervision of Mr. N. Sudhakar Reddy, the Secretary and Correspondent and with Dr. G. Subba Rao, an eminent academician and administrator, at the helm of affairs as Principal and leader of the academic team. Affiliated to JNTU, Anantapur, the Institution has been carving out a name for itself as a center of excellence in the area of imparting quality technical education to empower the new generation, ever since its inception in 2008.

Learning at GIST is an enjoyable and enriching experience with the hand-picked, highly motivated and motivating faculty members in providing quality academic inputs in a highly congenial learning ambience amply supported with the state-of-the-art laboratories and well equipped library having 25000 volumes and 75 Journals. The digital library with round-the-clock internet facility and subscription to a number of international journals enable accession to the current trends in technology and enrich the learning of the faculty and the students. All the laboratories more than satisfy the requirements and norms stipulated by the AICTE and JNTU and have been updated and upgraded periodically, to facilitate extension activities and research. The college offers instruction in 6 courses at UG level in Engineering in the departments of ECE, CSE, EEE, IT, Civil, Mechanical and two programmes at PG level in 'Power Electronics '(EEE) and 'Computer Science Engineering'(CSE).

In the direction of motivation and as a gesture of appreciation and encouragement cash incentives are extended to the students for their excellence in academic achievements. In conjunction with the respective departments, several student professional associations have been brought into existence for dynamic participation in various technical workshops and technical symposiums.

The Research and Development Department has been constituted in the Institution with the express expectation of encouraging research activities. All the prospective aspirants in research are brought under this umbrella to provide sufficient scaffolding in the technical aspects pertaining to the research activities. "In-house Journal of GIST Researcher" has been brought out with specific intention of providing a platform for the research papers from the faculty and the scholars.

Training and Placement Division in association with JKC and the Core Departments has been active in providing training in the skill-set required for the students in the areas of aptitude, core competencies, soft skills and communication skills. A very encouraging placement scenario has been perceived in the first batch of passed out students during the year 2012.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

(Established by Govt. of A.P., Act. No. 30 of 2008)

ANANTAPUR - 515 002 (A.P.) INDIA.

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M.Tech., Ph.D.

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MESSAGE



I am happy to know that Geethanjali Institute of Science & Technology, Nellore is organizing "National Conference on Advanced Technologies in Computer Science and Information Technology (NCATCSIT-2014)" on 26.04.2014.

I am glad to notice that Geethanjali Institute of Science & Technology, Nellore, affiliated to JNT University Anantapur, has emerged as an institution of excellence imparting quality education.

Organizing such co-curricular events will help the students to acquire additional academic inputs and enter personal skills. Also, events such as workshops, conference and deliberations on recent trends will definitely provide congenial atmosphere for pursuing research and further advancements in the respective fields.

I take this opportunity to compliment the management, staff and students for their initiative in organizing this event.

I wish the "National Conference on Advanced Technologies in Computer Science and Information Technology -2014" Conference all success.

(Prof. K. HEMACHANDRA REDDY)



SRI VENKATESWARA UNIVERSITY :: TIRUPATI

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MESSAGE

I am extremely delighted to know that Department of Computer Science and Engineering, Geethanjali Institute of Science And Technology, Gangavaram, Nellore in association with CSI, New Delhi is organizing National Conference on Advanced Technologies in Computer Science & Information Technologies on April 26, 2014.

I am sure that the deliberations of this Conference bring out the recent advancements in the field of Computer Science and Engineering & Information Technology. I hope the conference proceedings will be immensely useful to the research community, particularly for the young researchers pursuing their doctoral work.

I wish that GIST, Nellore will take up many more such academic activities in future and serve the academic community in a benefiting manner.

It is my pleasure to wish NCATCSIT 2014, a grand success.

Sd/- Dr Ch D V SUBBA RAO



Dr RBV Subramanyam

M.Tech. (IIT-Kgp), Ph.D.(IIT-Kgp)
Associate Dean (Academic) and Deputy Registrar (Acad)
National Institute of Technology Warangal.

Dt:15-4-2014.

MESSAGE

I am honoured and delighted to deliver my lecture on "Big Data Analytics" in the National Conference on "Advanced Technologies in Computer Science & Information Technology" on 26-April-2014 to be organized by Department of Computer Science & Engineering and Center Research & Development Cell of Geethanjali Institute of Science & Technology, Nellore. I congratulate the budding researchers in this institute to organize a national event in association with Computer Society of India. This wonderful opportunity will definitely benefit the participants and delegates of the conference with charged atmosphere conducive for knowledge transfer, intellectual exchange of ideas, reflections and thoughts. The research papers called for presentation on various thrust areas of Computer Science will foster research culture in the peer institutes in the region. I learnt that the Management of the institute consists of engineers and academicians and members have been supporting the technical events with a dedicated functional unit titled "Center for Research and Development". It is not surprise to listen to this kind of success led to convening a national conference as one can witness various Students Associations and Chapters under IETE, CSI, APSPC, ISTE are active in the campus along with their participation in publishing the research articles in journals, magazines including their own in-house research journal "GIST Researcher".

I found potentiality in the students of UG and PG programmes of the institute and I foresee a bright future for the institute and its stack-holders. I wish the organizers a wonderful experience and satisfaction. I am sure the delegates will enjoy the Nellore recipes and back to their places brimming with new perspectives and perceptions regarding problems in their areas of research interest. May God bless the Principal and the Management with strength to keep the institute in limelight forever.

- RBV Subramanyam



Sri D.B. Ravi Reddy
Chairman

Message

It is an act of great joy and gratification for me that a National Level Conference titled "NCATCSIT 2014" is being organized at GIST on the theme "Advanced Technologies in Computer Science and Information Technology" with the objective expanding the scope of technical vision of the young techno savvy internet generation through a productive beneficial interaction with technical experts, scientists, eminent personalities drawn from different parts for the country. Conferences, symposia, workshops, technical discourses and seminars constitute an integral part of qualitative Engineering Education. True to its mission of being a vital part in the technological advancement of the nation, GIST is opening new vistas for engineering aspirants by organizing a national level conference, which I am extremely hopeful will be a felicitous blend of vibrant minds and youthful thoughts marked by creative zeal and innovative spirit in the stream of computer science and engineering.

On this momentous occasion I extend my warm appreciation and best compliments to the driving forces who have embarked upon this enlightening initiative



Sri N Sudhakar Reddy
Secretary & Correspondent

Message

I express my profound happiness and great sense of pride on the memorable occasion of releasing a souvenir in connection with the National conference of "The Advanced technologies in Computer Science and Information Technology, titled "NCATCSIT 2014" I am very much delighted to acknowledge the enthusiastic response of GIST to the emerging trends and developments in the modern Computer Science and Information Technology through the conduct of such academic activities of great technological significance, which serve as a useful platform for sharing and exchange of knowledge and creative ideas that have a bearing on modern technology. In this context, I express my earnest optimism that this mighty technological event will turn out to be a very enriching, enlightening academic experience that will ignite the creative spark of the young minds while sharpening their technical competencies.

Extending my best wishes to the organizers of the event.



Prof. Dr. G. Subba Rao
Principal,
Geethanjali Institute of Science and Technology, Nellore

MESSAGE

It is a great pleasure to extend an invitation to our 2nd National Conference 'Advanced Technologies in Computer Science and Information Technology – NCATCSIT 14' on 26th April, 2014. We have aimed not only to promote research, but also to produce next-generation researchers responsible for developing new strategies and practices. We are confident that this event will help stimulate intensive information dissemination and technology transfer, as well as promote network of younger researchers.

The Conference will feature state-of-the-art technical presentations by Eminent Professors, Researchers and students from various institutions on topics relevant to Emerging trends in Electronics and Communications Engineering, followed by thematic presentations. This event shall give immense opportunity to all the staff members of GIST to collaborate and exchange views with research scholars and senior academicians.

I congratulate the efforts of all the members of Dept. of R & D, GIST for planning and hosting the National Conference in association with the Dept. of CSE. I wish the Seminar to achieve a grand success and foresee many more such events of National and International repute to be organised at this Institution. I wish all the participants who have come from various destinations to enjoy the lectures and technical sessions and request them to participate in all technical deliberations and gain value addition through knowledge dissemination. We welcome the participants to feel our hospitality during their stay at this institution.

G. Subba Rao

Sri K. Vijaya Bhaskar Reddy

Assoc Prof

HOD – CSE, Convener



Message

The ubiquitous presence and ever evolving multi-dimensional computer applications in every walk of our lives compel a more focused approach to the teaching/ learning / research strategies to be implemented in the Technology Institutions. In an attempt to bring together diverse thought processes and create an interactive platform for articulating new concepts, thoughts and ideas, GIST envisaged this National Conference to explore several “Advanced Technologies in Computer Science and Information Technology”

The conference “NCATCSIT-2014” aims to bring together researchers, scientists, engineers, industry experts and academicians on to a common platform for fruitful exchange of ideas and expose the young aspiring and budding engineers to the current and future trends in the area.

We fondly hope that the time furnished for the intellectual interactions be properly utilized by the participants for furthering their domain knowledge and trending approaches in the field of computers.

Wish you all the Best

(K.Vijaya Bhaskara Reddy)

HOD, Dept. of CSE

MESSAGE



It gives me immense pleasure, and pride to associate myself as convener in conducting one day National Conference on "Advanced Technologies in Computer Science & Information Technology"- NCATCSIT 2014 on 26TH April 2014. NCATCSIT 2014 is a dream project of the Department of Research and Development in coordination with the Department of Computer Science Engineering. In view of lightening speed of technological developments, faculty, research scholars and scientists need to keep themselves abreast of ever expanding technology in the field of Computer Science & Information Technology. I sincerely feel that conference of this kind will be able to provide a platform for the young minds to exchange their ideas and disseminate their knowledge and research findings. The Department, though moderate and modest in structure and resources, cherishes tall ambitions of creating a compelling academic ambience by organizing such technical conferences for students, scholars and faculty along with several other activities, actively involving the students.

The Department gratefully acknowledges all the support and assistance rendered by the management, administration, faculty, members of various committees, student volunteers and others. The support and strength extended to us in the form of greetings and messages by the distinguished well wishers is cordially appreciated.

While cherishing fondly the accomplishment, we hope to continue to tread on new paths and plan and organize more of such academic activities, for the academic enrichment of the institution.

(G.Kameswari)
Associate Professor/ECE &
HOD / R&D Department