



GAYATRI VIDYA PARISHAD

Creating Human Excellence for a Better Society

GAYATRI



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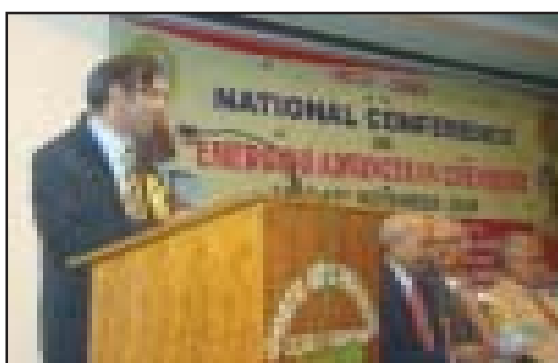
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NEWS ROUNDUP

14th November

All India Chemistry Lecturers Meet



Prof. B. Satyanarayana VC AU addressing IACT

The GVP in association with the Indian Association of Chemistry Teacher (IACT) conducted a National Conference on 14th & 15th November in the GVP College of Engineering. Prof. Beela Satyanarayana, Vice-Chancellor, Andhra University, was the Chief Guest. In his address he exhorted the young scientists to prosecute their research in the areas of Nano-materials, advanced materials for space applications alongside the allied areas of chemistry. Dr. Tulsi Mukherjee,

Director, Chemistry group-BARC, Mumbai in his key note address discussed in depth the emerging trends in chemical educational research in India in the 21st century. Reputed chemists like Prof. A. Sai Krishna, a young scientist awardee, also a Bhatnagar awardee from IISc Bangalore, Dr. BLV Prasad, Head, Materials Chemistry Division of National Chemical Lab, Pune and Dr. Ibnu Saud of MG University, Kottayam delivered invited lectures on topics of contemporary relevance like modern techniques in Synthetic Organic Chemistry, Nano-Chemistry and Polymer Grafting. Prof. P. Raja Ganapathi, Principal of GVP Degree and PG college, the Convener for the Ninth Convention of Chemistry Teachers, said that the conference discusses on wide range of sub disciplines of chemistry and facilitate exposure of eminent scientists participating in the conference from premier organization like BARC, IISc, IIT, TIFR, and other universities to the young scientists and teachers of this region. Nearly 41 outstanding delegates from different parts of the country and about 60 local delegates participated and presented 30 papers in various areas of Chemistry. Senior professor LSA Dikshithulu, Secretary for GVP Prof. P. Somaraju, and Coordinator GVP Prof. D. Dakshina Murthy graced the occasion.

16th November

Creativity marked Children Festival 2009 :

The Gayatri Vidya Parishad's MLB trust school in association with CMR shopping mall organized Children Festival 2009 for two days beginning on November 14th. Nearly 4000 students from 200 schools participated in various competitions reflected their creativity and talent. The V.T.School bagged the all-round championship.

Senior IPS officer Dr.U.N.B Rao, Advisor to Govt. of India on police reforms who attended as chief guest, stressed the need for discipline among the children to achieve higher goals. GVP Coordinator D.Dakshina Murthy presented a cheque for Rs.5000/- GVP Secretary P.Somaraju, MLB trust president P.Jagan Mohini and host of other dignitaries graced the occasion and children presented cultural programs.

20th November

GVP COE feathers IBM's Centre of Excellence

The GVP college of Engineering carved a niche for itself by entering into an MOU with the IT giant IBM. As per the agreement the IBM establishes a centre of excellence in the campus. This centre of excellence replicates a virtual industry ambience



Prof. Gandhi, Principal and Mr. Himanshu Goyal, Country Manager IBM exchanging MOUs.

facilitating students to learn advanced software programming through a certification course. The MOU is signed by the country Manager IBM, Mr. Himanshu Goyal and the Principal of the college Prof. N.S.V.V.S.J. Gandhi. Mr. Goyal in his address to the students observed that IT industry is affable to woman and the IBM keeps flexible timings for them. He exhorted the students to learn all the advanced technical skills. He suggested the students to be diligent with intelligible communication in English.

26th November

Hone up Techno - Managerial Skills : Exhorts VC Rayalaseema University



Prof. J.V. Prabhakara Rao VC, Rayalaseema University inaugurating EDC.

The GVP college of Engineering (Autonomous) crossed one more milestone with the addition of an Entrepreneurship Development cell (EDC), in the campus Prof. J.V. Prabhakara Rao Vice Chancellor

of Rayalaseema University in his inaugural address said that Indian students lag behind in entrepreneurship compared to Chinese and it is delaying economic enrichment of our nation. Nearly 20 million students from our country migrate to other nations and their contribution excels the rest of 120 millions who work for India. He bemoans that only 25% of engineering students in our country have employability. This is due to their lack of training and technical support. He exhorted engineering students to develop entrepreneurship abilities alongside vocational skills thro' EDC granted by AICTE. Wilfred Gibhardt from Germany, who participated as a special invitee from IGIAT emphasized the need to plan for returns on investment. He observed that young entrepreneurs should identify market needs and strive to work in that direction. Chief Coordinator P. Venkata

Rao said entrepreneurship development training will be offered through modular courses thereby enabling increase of management in the non corporate and under managed sectors. ASN Prasad, Vice President GVP presided over the function. Secretary P. Somaraju, Joint Secretary D.V.S. Kameswara Rao, Coordinator D. Dakshina Murthy participated in the programme.

1st December

AIDS RALLY

The Principal, Staff and 300 Students of Gayatri Vidya Parishad Degree College (Autonomous), M. V. P. Colony organized an AIDS Awareness Rally on 1st December 2009, being the Red Ribbon Day.



Prof. P. Raja Ganapathi Principal flagging off the rally.

The students carried placards on AIDS Awareness. The Principal of the College Prof. P. Raja Ganapathi exhorted the students to campaign for an AIDS free society and sensitize the public on care and support programs of various government and non government agencies.

8th December

LAUGHTER YOGA

A sensitization campaign on Laughter Yoga for Health is held for students of Engineering on the lines of what Dr. Madan Kataria conceived in 1995. Laughter Yoga helps increase attention span and enable students work in teams without inhibitions. CV Nageswara Rao, Asst. Professor, Department of Chemical Engineering coordinated the activity.

TALKS/DISCOURSES

GVP-PG College :

- ★ Mr. S.M. Sahu, Director PMO, New Delhi addressed the students of Management studies on the **Relevance of Mahatma Gandhi in the Contemporary Society**. He detailed how Gandhi confronted the brutality of life with his simplicity and humane nature.
- ★ Mr. M. Kalidas Senior Vice-President HR/finance Jute mills Chittivalasa addressed students of management studies on **HR Skills in Times of Recession**.

GVP-COE :

- ★ Sri Chaganti Koteswara Rao, a scholar of great erudition, delivered a talk on **Social Consciousness through Education** on 24th Nov. A huge gathering of engineering students and faculty heard him in rapt attention.

EDITOR'S DESK

Globe is warming up. The temperature is likely to rise 3-5 degree celsius by the end of this century. If this happens, the sea level rises between 0.2 and 0.6 meters. Some scientists opine that this is gross underestimation. The world meteorological organization in Geneva says that 2009 will be the warmest individual years recorded, the provisional warming during the year being 0.44 degrees Celsius.

Nature offers everything the human needs and yet beautifully it balances itself. But man tampers with it in all directions causing damage to his own generations. The Earth is a wonderful planet with right amount of CO₂ in the atmosphere which traps the right amount of heat from escaping. The oceans act as carbon sinks absorbing more than 50% of the CO₂ the human produce. Ice reflects sunlight thereby reducing the impact. While nature is so compatible to congenial human survival, the response is indiscriminate turning things grim. It is alarming to note that Antarctic and Arctic are unable to reflect the same quantum of light as they started melting owing to global warming. While this being the scenario man tries to explore ways to live on Mars, where the temperature is as low as -140 degrees Celsius. As Radhakrishnan says let us walk on earth before we fly in air or swim in water. Sensing the impending catastrophe let humans act in all wisdom. It is not enough if we know all and keep mum. While deliberations at Copenhagen summit help nations to act, let realities be an eye opener to all humans. Let us lead a moderate life. Stop indiscriminate felling of trees, excessive burning of fossil fuels and use of automobiles. Let the present generation realize it is time we should take up a big campaign to sensitize one and all on the impending danger.

TETE-A-TETE

Footpath A Silver Bullet To Regulate Traffic :

Irrespective of city size, in India, about 30 percent of population go on foot, 15 to 20 percent of people use bicycle and 20 to 50 percent use public transport. Thus, walk and bicycle, the most sustainable transportation modes, account for almost 50 percent of the trips made. If the transit trips are added, the three modes serve for 70 to 80 percent of the total person trips. The automobile, motor cycles/scooters, and paratranist modes, such as autorickshaws, serve 20 to 30 percent of the trip makers. Even in Chennai, the fourth largest city in India, only four percent of total person trips are made by the automobile.

Unfortunately, in Indian cities, transportation monies are not being spent equitably. Most of the transportation budget is spent for the automobile users in widening roads, building flyovers, and other highway-related projects. In no city in the world, widening of streets, flyovers, or other highway-related improvements have reduced traffic congestion; hence, these highway-related improvements are not solutions for reducing traffic congestion. Highway proponents claim that automobile ownership is increasing and hence, more roads and wider roads are needed. In fact, in India, for many people, the automobile is a status symbol rather it is being used as a daily travel mode.

The real cause of traffic congestion in Indian cities is lack of segregation of modes by their speeds. Due to inconvenient or no footpaths, people walk on carriageway; thus, carriageway, which serves all modes, is creating congestion, pollution, accidents, and fatalities. India has the highest road accident fatalities in the world. Every hour, thirteen people die in road accidents in India. Majority of fatalities on city streets are pedestrians.

It should be kept in mind; the footpath is not only an essential element but also part and parcel of a street. Every trip, made by any travel mode, starts and ends as walk. Considering this, convenient, comfortable, continuous, and safe footpath network should be provided throughout the city. Footpath network is the silver bullet to kill traffic congestion on city streets in India and in turn, to reduce pollution, accidents, and fatalities. The mindset of engineers and planners should change so that streets should not be widened for the benefit of the automobile traffic by sacrificing footpaths; but, it should be other way. Before the damage becomes irreversible, engineers and planners should act to keep the urban roads are usable safely, equitably, and efficiently by all modes that presently exist in Indian cities. Then only the transportation infrastructure in Indian cities will lead to better and safe mobility to the public and efficient movement for the freight.

Dr. Murthy V.A. Bondada — Visiting Professor of Traffic and Transportation Engineering, GVP College of Engineering, Visakhapatnam from Orlando, Florida, USA.

INSIGHTS

MESMERIZING MEMORIES

A lot of feel straight from my heart,
Class room chats, campus giggles
Canteen fun, Play ground pranks
Smiling juniors, friendly seniors,
Hunt for books, freak moments
In the world of academics everything counts.

Time has wings,
Days fly, but memories stay
College life ends, life's journey begins,
Let's be happy as lovely life ahead.

P. Hiranmai (II MHRM, GVP College)

IN THE WORLD OF ROBOTS

In the world of robots, All things are automatic,
And that's what makes them fantastic.
The roads are of metal., buildings of steel
People are robots and eat screws,
So true as the world drinks oil.
If robots rule the world, rule over you,
Make you their slaves, What will you do?
Would you try and escape?
Would you make a move to wriggle out?

While the fierce robots treat you like a toy,
What else can I do, But to wish you luck and bid 'Good Bye'.
Asmita Soni (1st B.Tech, EEE-I, GVPCOE)

COMMENTARY-CURRENT AFFAIRS

What Goes Into Copenhagen Summit ?

In the last quarter of the 20th century, the rise of environmentalism raised public doubts about the benefits of human activity for the planet. Curiosity about climate turned into an anxious concern. The repeated alarms raised by the environmental scientists and researchers world over made the world countries to contemplate and design a protocol known as the **Kyoto protocol**.

The protocol, which was added on to the United Nations Framework Convention on Climate Change (UNFCCC), was meant to give teeth to the international treaty to combat climate change. As a first step, it placed a burden on 37 industrialized nations and the EU to slash GhG emissions by five percent in relation to 1990 levels between 2008 and 2012. The current round of climate negotiations to be endorsed in Copenhagen in December is to work on a climate blueprint for the second emissions reduction period, from 2013 to 2020, under the protocol.

In the lead-up to the talks here, some of the richer countries had agreed to reduce their emissions by between 15 and 23 percent by 2020, a number far below what is needed by that year from the industrialized nations – cuts of 25 to 40 percent relative to 1990 levels. Norway is an exception, pledging during the meeting here to cut by 40 percent GhG emissions from 1990 levels. But many of the industrialized countries have still to meet their 2012 targets. The United States, which leads the industrialized world in the amount of pollution per capita, at an estimated 20 tons of carbon dioxide per citizen, has remained an outsider to the protocol. But many of the industrialized countries have still to meet their 2012 targets.

The United States, which leads the industrialized world in the amount of pollution per capita, at an estimated 20 tons of carbon dioxide per citizen, has remained an outsider to the protocol. The lack of clear progress to secure commitments from the developed world to slash GhG emissions by 2020 under the Kyoto Protocol prompted immediate attention of the world to seriously call for action at Copenhagen.

Copenhagen on Climate Change :

The summit at **Copenhagen on Climate change** would have a host of nations converging on taking stock of the crisis brewing from greenhouse gases causing global warming. Countries participating in the same include U.S, China, India and others. The impact of global warming can be devastating and a curtain raiser to the same is being already seen in erratic climate or weather changes, disturbance in monsoon cycles, unprecedented cyclones, imbalance in agricultural cultivation patterns and other a like trends. Developed nations like U.S, the second major carbon dioxide emitting nation behind China

has declared a cut of carbon emissions by 17 percent by 2020 while India ranked fourth has also committed to the cause of reducing the carbon footprint by close to 20 percent by 2020. The noteworthy point here is to look at U.S and its emission rate over the years as a developed nation as against nations like India and China which have joined the development curve in the last 6-7 years. So, even though India and China have jumped on the development bandwagon off late as compared, the onus lies on the larger contributors or 'culprits' like U.S and European Union which under the garb of growth and development have been polluting the environment for a long time now.

What is it that causes global warming and green house emissions across all the nations? It is the burning of fossil fuels and production of energy from the same which causes the environment to suffer. But then why does one need to burn fossil fuels? In plain terms, it is used to run automobiles, industries, light up homes, provide energy for 24*7 network connectivity for mobile and telephony devices, energy for servers to keep the likes of Google, Microsoft, Yahoo, Amazon running and others. A look at the instances and we get to understand how each of the above instance has seamlessly become a part of our lives.

But a beginning is needed and it has to begin from us. Just like every drop of water makes an ocean, concrete steps are needed to save the future. The implication of cutting carbon footprint may not directly impact our country but would be felt in some part of the world.

It is all about exercising prudence and consuming what is required bare minimum. Switching off fans, air-conditioners, lights could be the starting point to reducing energy consumption. Using solar energy for heating water and cooking could also be considered as a viable option in tropical countries. Industries and Government need to strike a balance between profits and preservation of eco-system. Several programs have been initiated but have failed to see the light of the day due to overarching and vested monetary interests of politicians and individuals. World Wide Web has come across as a boon but over the years its usage has gone beyond the realm of necessity. An example of judicious usage of web could be mailing and chatting as a means of connecting with others or for office purposes. Such measures could free the servers Google, MSN, Yahoo and others of excessive loads and in turn would mean decreased energy consumption.

It is all about striking a balance between development, growth and sustainability. And the time has come for each one of us to contribute.

We would keep a tab on the developments on Climate Change Summit in Copenhagen, so watch this space.

SriHarsha.S, III B.Tech CSE.

RESEARCH AND PUBLICATIONS

Recognized Research Centre :

GVP Degree College (Autonomous) is a recognized Research centre of Rayalaseema University and ten of its faculty members are declared as Research guides. Eight faculty members enrolled as part time scholars for Ph.D. Prof J.V.Prabhakara Rao, Vice Chancellor Rayalaseema University interacts with the Research guides.

Publications :

1. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M. Pramila Devi**, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE "Characterization and Tribological Behavioral Studies of Polymer-Halloysite HNT Clay Nanocomposites", International Journal of Material Science, ISSN 0973- 4589 Volume 4, Number 3 (2009), pp. 267-282.
2. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M.Pramila Devi**, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE "Synthesis and Tribological Behavioral studies of Polymer-Silica Nanocomposites", Indian Journal of Material Science.2009 (Accepted for publication)
3. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M.Pramila Devi**, KVSSN Murthy, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE, G.T.Rao, Assoc Professor, ECE, GVPCOE "High Strength FRP-Composites with Nano Clay Reinforcement "3rd Issue of Hindustan Journal, 2009 (Accepted for publication)
4. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M.Pramila Devi**, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE "Experimental Investigation of Mechanical and Tribological behavioral studies of Polymer Hybrid Nanocomposites with Nano reinforcements", Bulletin of Material science, Springer, 2009 (communicated)
5. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M.Pramila Devi**, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE "Experimental Investigation of Impact and Damping studies of Polymer Hybrid Nanocomposites with Nano reinforcements", International Journal of Applied Mechanics,2009 (Accepted for publication)
6. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **K.Ramji**, **M.Pramila Devi**, N.B.Mohan Rao, "Synthesis, functionalization and characterization of silica Hybrid Nanocomposites", International Journal of Nano Technology and Applications, 2009 (communicated)
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9. **K.Ramji**, **D.Linga Raju**, Asst Professor, MED, GVPCOE, **Ganesh Kumar**, **Ram Mohan Rao**, "Computer aided analysis of mild steel and FRP composite foundations", International Journal of Computer Aided Engineering and Technology, Inderscience Publications (Accepted for publication)
10. **D.Linga Raju**, Asst Professor, MED, GVPCOE, **U.Rajya Lakshmi**, Asst Professor, ECE, GVPCOE, **K.Ramji**, **M.Pramila Devi**, "Experimental Investigation of Mechanical and Damping studies of Polymer Hybrid Nanocomposites with Nano reinforcements", Accepted paper in International conference, TEAMTECH-2009

SCIENCE AND TECHNOLOGY

Cloud Computing :

Cloud computing is simply a means of delivering IT resources as services. Almost all IT resources like applications (generic word processing software to customized computer programs designed for a specific company), compute power, storage capacity, networking, programming tools can be delivered as a cloud service. Not the least even communication services and collaboration tools can be provided as a cloud service. Cloud computing changes everything. It abstracts the software application platform from the underlying hardware infrastructure, freeing developers and users from becoming locked into specific hardware. In cloud computing, the user's data and software execution are in the cloud (metaphor for the internet.) Large-scale Internet providers like Google, Amazon, and Google's App Engine, Salesforce's Force.com, Joyent, etc and others built their infrastructure for cloud computing. In this architecture the data is mostly resident on servers and the application runs on both the cloud servers and the user's browser. Clouds are built very efficiently to scale horizontally. They can withstand failures of individual elements or nodes. They are charges on per-use basis. Cloud services can be continuous(not like batches) and expand the types of resources available like file storage, databases and web Services.

For end users, Cloud computing means there are no hardware acquisition costs, no software licenses or upgrades, no new employees or consultants to hire, no facilities to lease, no capital costs of any kind and also no hidden costs. Just a metered, per-use rate or a fixed subscription fee. The mantra is "use only what you want, pay only for what you use". It is a new and evolved form of utility computing in which many different types of resources can be combined and recombined. **The Architectural Services Layers of Cloud Computing** are ★ Software as Service(SaaS) ★ Platform as a service (PaaS) ★ Infrastructure as a Service(IaaS)

Benefits of cloud computing :

- || **Less investment** : Cloud technology is paid incrementally, saving organizations money.
- || **Increased Storage** : Organizations can store more data than on private computer systems.
- || **Highly Automated**: No longer do IT personnel need to worry about keeping software up to date.
- || **Flexibility**: Cloud computing offers much more flexibility than past computing methods.

- II More Mobility: Employees can access information wherever they are, rather than having to remain at their desks.
- II Allows IT to Shift Focus: No longer having to worry about constant server updates and other computing issues, government organizations will be free to concentrate on innovation.

Challenges of Cloud Computing :

Cloud computing is here to stay. It will be the next big wave and will be adopted by Enterprises. However, the industry needs to answer some of these challenges and ease the enterprises' concerns.

Data Governance :

Data (and information generated from the data) is the lifeblood of many enterprises, the loss of control cannot be acceptable. Enterprises would have to rely on the service providers to guarantee the safety of their data.

Manageability :

Raw infrastructures and platforms do not have great management capabilities. Scalability problems have to be managed efficiently.

Monitoring :

Monitoring performance or availability is critical to any IT enterprise. Performances of transactions and disk IO and others should be monitored regularly.

Reliability and Availability:

SLA (Service Level Agreement) which is a negotiated agreement between two parties where one is the customer and the other is service provider should be provided by all the cloud providers. Enterprises today cannot reasonably rely on the cloud infrastructures/platforms to run their businesses as no SLA is provided by any cloud provider.

Virtualization Security :

Security is a huge area that encompasses many different things including the standard enterprise security policies on access control, activity monitoring, patch management, etc. These issues will become one of the factors to consider before moving into the cloud.

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Virtualization : Key Challenges of Enterprise Cloud Computing, BY JIAN ZHEN, www.info.world.com

P.Sridevi, M.Tech., Asst. Professor, CS&IT,
GVPCOE(W).

Foundations To A Confident Living :

According to a recent Survey conducted by World Health Organization (WHO) about One million persons commit suicide every year. Many of these suicides are often because of lack of confidence among individuals and inability to face problems in life. Self-confidence is a very important ingredient for the success of any individual. Five tips to build self –confidence: -

- II Identify situations, which have instilled confidence in you, or people who instill confidence in you. Maintain a diary of such instances and bank upon this to reinforce your confidence levels.
- II Always develop a 'Why Not' attitude rather than a "Why Should I" attitude. People often hesitate to do anything or take initiative but one must always be ready to at least attempt doing something instead of giving up even before trying.
- II Do not give undue importance to "What will others think of you." It is good to try to impress others but being obsessed with this and seeking others' approval in everything that you attempt to do, may not always yield positive results.
- II Share your failure with others. Usually people share their success and joy with others but when it comes to failure, they keep it to themselves. This leads to accumulated helplessness and frustration.
- II Like yourself..... Always. Under all circumstances one must like self. How can you expect others to like you if cannot like yourself?

For the above tips to yield best results you must have adequate levels of self-awareness. Most of us live in darkness feeling that we know everything about ourselves. But in reality we know very little about ourselves. This becomes a major abstract in the process of building self-confidence. You must make a conscious effort to know

more about self and identify your specific strengths and weaknesses. Identify your role model and emulate him/her. This role model need not be a celebrity or a renowned person it can be anyone who's known to you and with qualities you admires. Often people, especially youngster's commit/ contemplate suicide because they are confused about themselves or feel isolated and with no one to seek support from. There are a lot of misconceptions about persons who commit suicide and circumstances, which spur suicidal tendencies. A few misconceptions about suicide are-

- II Persons commit suicide suddenly. But the reality is that they give ample signals, they rarely take a sudden decision.
- II Only crazy people commit suicide. It has been observed that more than 90% of the people who commit suicide are just normal individuals and in their full senses.
- II Once a person has made a decision to commit suicide, nothing can stop him/her. However research reveals that this is not true.
- II A person who wants to commit suicide is unwilling to seek help. There is enough evidence to show that they desperately look for help and are pushed to take the extreme step only when they feel totally neglected and helpless.

These are important things to be noted in the wake of increased number of suicides in the recent times. Today's youth and people closely associated with them need to focus on the above aspects and encourage them to move forward in life with increased confidence rather than ending their lives abruptly and leaving behind unbearable pain to their near and dear.

(Excerpts from a lecture by Prof.Madhu, Director Institution of Yoga and consciousness)

Dr. S. Rajani, Director, School of Management Studies
GVP College for Degree & PG Courses, Visakhapatnam

19th December

International conference on RAMSA 09

A four day international seminar on **Recent Advances in Mathematical Sciences and Applications** is being conducted from 19th to 22nd Dec by Prof.V.Lakshmikantham institute for advanced studies at GVP college of engineering.



Prof. V. Lakshmikantham of Florida Institute of Technology (US) addressing RAMSA.

Prof.V.Lakshmikantham, a renowned mathematician from the Florida Institute of Technology (US) in his inaugural address viewed that multidisciplinary approach is needed in research in mathematics to facilitate advanced research in other sciences. He

said that this seminar aims at bringing together researchers of different countries in varied fields of sciences, engineering and mathematics on to a common platform for improved cooperation and collaboration and forge a multidisciplinary approach. The seminar highlights the strength of mathematics in areas of science and engineering and how it throws light on many untrodden areas of research in those fields.

Prof. J. Vasundhara Devi, organizing secretary presented a report on the activities of the Institute of Advanced Studies. She introduced several eminent mathematicians who came from premier institutions of India and from several continents across the globe. More than 110 delegates are partaking in the proceedings.

Secretary of GVP, himself a popular mathematician **Prof. P. Soma Raju**, felicitated reputed retired professors of Andhra University **N.V.Subrahmanyam** and **JV Gopala Krishna** on this occasion. President of the GVP **Dr.B.S wamy** presided over the function. Vice Presidents of GVP **Sri. ASN Prasad** and **Sri. V Sitaramaiah** shared the dais as guests of honour.

ENRICH YOUR EXPRESSION

Negeri : Hi, How're you? How's your study?
Amsale : I'm fine, thanks. How about you?
Negeri : I'm also fine but a bit busy with the arrangements for the College Foundation Day Celebrations.
Amsale : Venue?
Negeri : In the open auditorium, weather allowing.
Amsale : You mean, weather permitting?
Negeri : You always find fault with my language, why?
Amsale : No, I'd like to help you enrich your expression, that's all!
Negeri : What's the wrong with my expression? Are 'Allow' and 'Permit' not synonyms?
Amsale : Of course, but in this context, it's not like that!
Negeri : My goodness! What do you mean?
Amsale : Though the words have similar meaning, in this combination '**Permitting**' is correct because it **collocates** with 'weather' but 'allowing' does not.

Negeri : I don't get the word ...em..... **Collocate**.
Amsale : Let me explain. **Collocation is the way in which particular words tend to occur or belong together.**
 e.g. I'm **bitterly disappointed** with the semester system (Not 'strongly' disappointed)
 I've seen her shedding **bitter tears** (not 'sour' tears)
 The Sri Lanka Team had a **resounding win** in the 2nd ODI at Nagpur.
 It's a **crying shame** to see the drivers in an inebriated state.
Negeri : Oh, that's wonderful! Thanks a lot for enriching my expression. Next time, I'll try my best to use collocations in my language. I'm **completely delighted**.....er..... sorry, I'm **absolutely delighted** over learning the new topic 'Collocations' in English.
Amsale : That's right! You're picking up **collocations** !

Source : OALD, Presenter : **Mr. J. Raja Ratnam**, Asst. Professor, GVP COE

SPORTS

GVP COLLEGE :

Mr. Tinpol Malakar of III BBM and Priyajit Patnaik of III B.Sc. got selected to Inter university Handball event to be held shortly at Nagarjuna University, Guntur.

Mr. D. Satyanesh of II B.Sc. secured seventh position in All India Inter university cycling championship held at Punjab university, Patiala during 9th to 13th November.

Mr. Om Bahadur Thapa of II B.Com won silver Medal in the Inter collegiate Boxing Championship held at Dr.L.B.College, Visakhapatnam on 14th November.

AWARDS / ACHIEVEMENTS

Prof. N.S.V.V.S.J.Gandhi, Principal received an award on behalf of GVPCOE for having contributed nearly 250 sachets of blood in a

Blood Donation Camp organized by the King George Hospital, Visakhapatnam.

The Violin maestro – **Mr.Gnana Dev** of I B.Tech Chemical Engineering is selected as an artist Grade B and placed on the panel of musicians by **All India Radio – Visakhapatnam**.

Faculty positions :

Prof. P.Veerabhara Rao formerly HOD, department of Civil Engineering assumed charge as Vice Principal GVPCOE.

Dr. Manchikanti Srinivas, Associate Professor took charge as HOD department of Civil Engineering.

Prof. D.S. Murthy, formerly HOD, department of ECE assumed charge as Associate Director (Research), GVPCOE.

Prof.N.Bala Subrahmanyam took charge as HOD department of ECE.

Dr. R.V.G. Ravi Kumar, Associate Professor took charge as HOD department of mathematics.

GAYATRI VIDYA PARISHAD-GENESIS AND EVOLUTION

Gayatri Vidya Parishad, GVP, the brain child of a cozy group of like-minded academicians of repute, is an Educational Society established on the 28th Sept, 1988 with the sole aim of promoting the cause quality education in all disciplines in general, advanced technology and management studies in particular. Prof.B. Sarveswara Rao, former professor of Andhra University, who had his diplomatic career as Economic Advisor to Govt. of East Nigeria, who also served as the Vice-Chancellor of Acharya Nagarjuna University, Guntur, is not just a Founder President but the heart throb of the GVP.



Prof. B. Sarveswara Rao
Founder President

The genial gesture of the Teachers' Cooperative House Building Society, Madhurawada to lease out its 16 acres of land on a long term basis to GVP, sowed the seed in GVP to realize its vision of **Creating Human Excellence for a Better Society** and the result is a Degree college in January 1989. Ms.P.Jagan Mohini and Ms. C. V. Ramani, the philanthropic minded President and Secretary respectively of Ba Babu Seva Sangham readily consented to house the proposed Degree College in its Ba Babu Bhavan premises. The determined efforts of the GVP continued and the result is a Junior college in 1992, addition of Post Graduate courses like the MCA in 1993. The spirited support of the eminent academicians like Prof. M N Sastry, Late Prof. K. Sangameswara Rao, Prof.K V Ramana, former Vice-Chancellor of Andhra University, Sri A S N Prasad, industrialist, enabled the colleges to emerge strong. They continued their guidance by being the members in various capacities on the body of GVP's governance.

Not to content with the commencement of academic institutions, the GVP continued its efforts consistently to develop the needed infrastructure. The right cause is ably supported by the men at the helm Sri. T. Suri Reddy, the then Chairman, VUDA allotted 2000 sq yards of site for GVP's Degree college in MVP Colony, Sri P. Dayachari, the then District Collector, Visakhapatnam, alienated 8.7 acres of land at Rushikonda for an exclusive campus for Post Graduate courses. The GVP's endeavours to establish centers of academic excellence continued and resulted in an Engineering college in 1996 at Madhurawada in its 16 acres of land already leased out by the Teachers' Cooperation House Building Society. To support the cause of women the GVP also added one more engineering college for women with a campus of its own in 8 acres of land during the academic year 2008-09.

The missionary zeal of the GVP prompted it to enter into public private partnership agreements with Indo-German Institute of Advanced Technology, IGIAT, launched by the Department of Commerce and Industry, Govt. of Andhra Pradesh in collaboration with the German Federal Government. This project is the nerve centre of the Industry empowering the society through advanced technologies. The GVP's aim to promote human excellence and to foster a better society inspired it to establish centres, for the study of Gandhian values and human development, of women empowerment and for the study of understanding and practice of human and spiritual values. In tune with this, the GVP also sponsored a Centre for Policy Studies established by Prof. A. Prasanna Kumar, former Rector of Andhra University as its Director. Prof.V.Lakshmikantham Institute of Advance studies is added to GVP College Of Engineering to encourage research in Interdisciplinary subjects of Basic Sciences and Engineering.

The academic centers of GVP have been striving to attain the goals of its visionaries. It is in tune with this the GVP Degree College has gone for an assessment by NAAC and is awarded B++ Grade. Similarly, the Engineering College has gone in for quality benchmark processes with the NAAC which awarded 'A' grade with a CGDA of 3.74/4.00 and NBA which accorded accredited status for its engineering courses. To realize its goal of offering quality education, the GVP continuous all out efforts.

PLACEMENTS

Institution	Department	Students Placed	Organization	Location	Year
GVPCOE	Civil	06	Unimax Infra Ltd.	Campus	2009
GVPCOE	Civil	14	Unimax Infra Ltd.	Campus	2010
GVP-PGC	MBA	03	Capital IQ	Campus	2010

FORTH COMING EVENTS

- TCS visits GVPCOE campus on January 8th, 9th and 10th for placement selections to all branches of 2010 pass outs.
- Simplex visits GVPCOE campus during last week of December or 1st week of January for placement selections to Civil and Mechanical branches of 2010 pass outs.
- Unimax Infra Ltd. to visit GVPCOE campus (Date to be announced) for placement selections to Mechanical branch of 2010 pass outs.
- Sobha Developers to visit GVPCOE campus (Date to be announced) for placement selections to Civil branch of 2010 pass outs.

Entrepreneur Development Cell in collaboration with Conduira have been organizing Training sessions for 2010 pass outs to acquaint them with interview and other placement process.

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