

3.2 INNOVATION ECOSYSTEM QIM-SUPPORT DOCUMENT

SPACES DEGREE COLLEGE - ECOSYSTEM

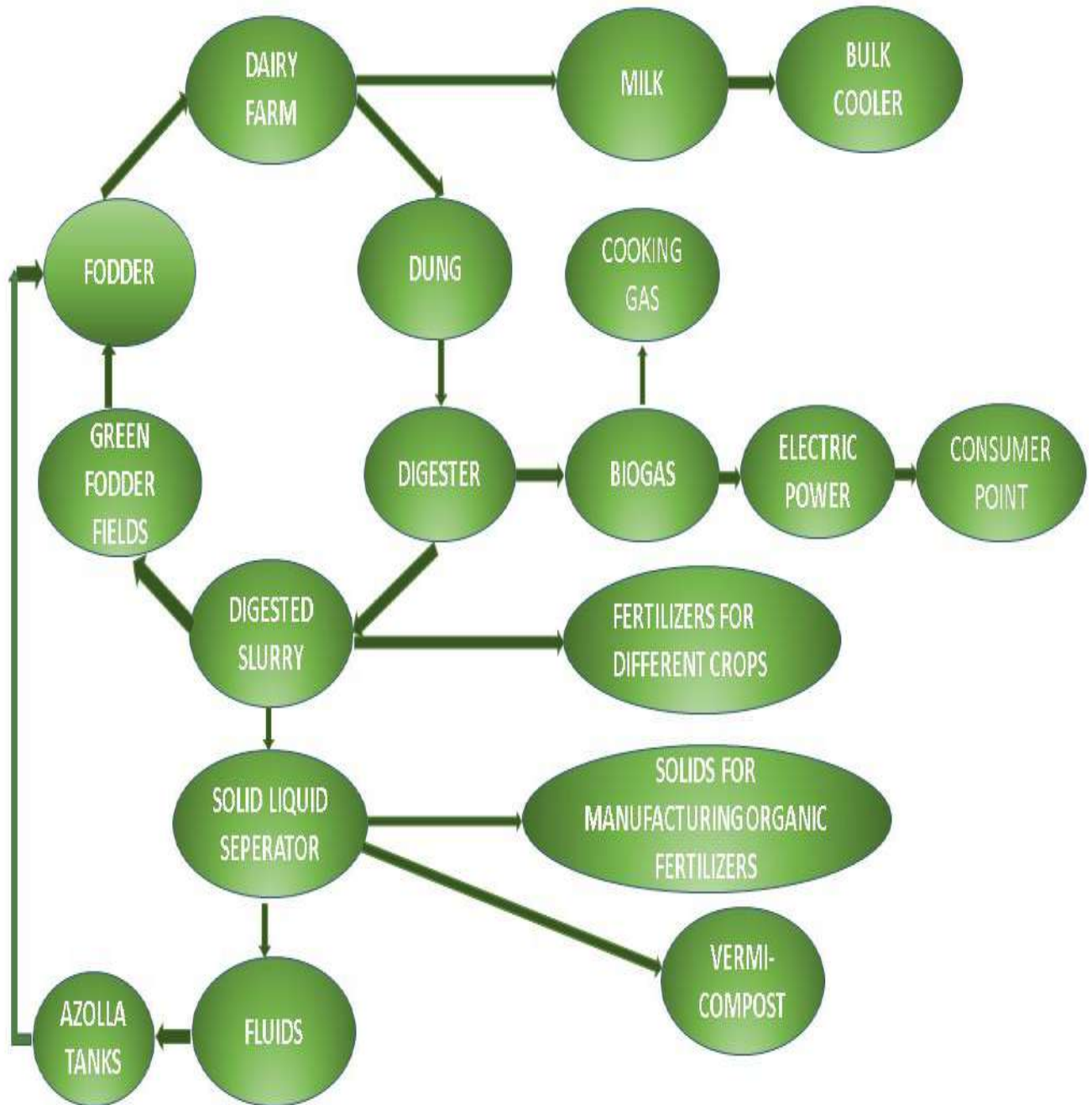
Now a days farmers are moving towards dairy farming as conventional farming is not yielding desired results due to drastic changes in atmosphere. Reduction in rainfall, shortage of human resources, etc.,

If the innovations of our able scientists are integrated properly with the toil of our dairy farmers, the milk production can be increased to meet the ever-increasing milk and milk product demands of our country. To attain the production targets, dairy farming must be treated as dynamic agribusiness. It should not remain as an age-old backyard vocation.

The future of our dairy industry depends on quality and quality alone to achieve and meet world-class standards and to reduce cost of production for finding a rightful place in the global market.

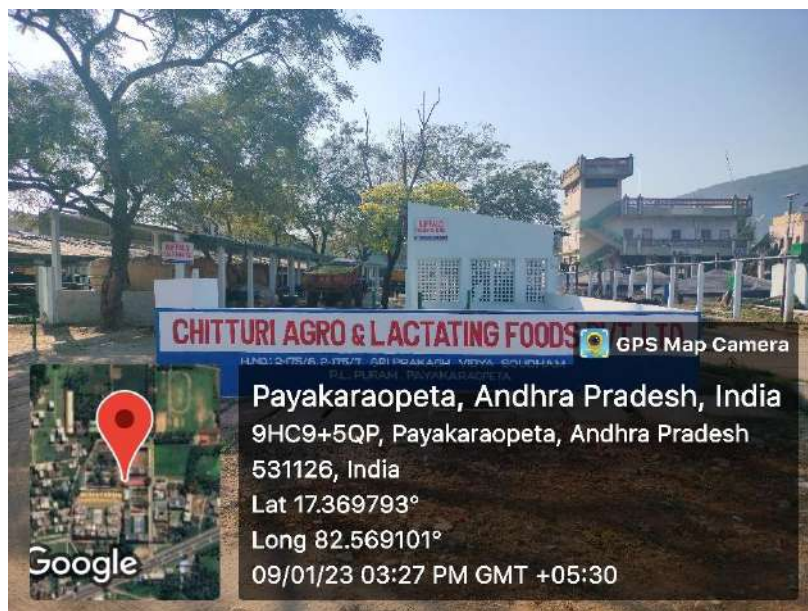
Integrated Dairy farming can help exploit the full potential of livestock in India. The important wings of integrated dairy farm are (1) Dairy Farm (2) Bio-gas Plant (3) Power plant (4) Organic Fertilizer unit (5) Organic farming

ECOSYSTEM- FLOWCHART



OUR DAIRY FARM

Dairying fits most appropriately in the country's programme for increasing food production and rural employment. Livestock and livelihood are closely related in our country. Dairy Industry is a highly eco-friendly industry that recycles materials rather than adding-up to ecological imbalance. There is a need to establish hi-tech dairy farms all over the country for increasing milk production and to meet the future milk demand. Breeding, Feeding, Milking, Health Care are the main functions in dairy farming. For economical milk production, the feeding of dairy animals should be primarily fodder based. With meticulous planning and effective implementation, Dairy farming proves to be economically better than the Industrial sector.



IN HOUSE DAIRY FARM

BIO-GAS PLANT

At present, India needs Eco-friendly fuels which can save us from the energy crises. Biogas is one such source which is renewable and can reduce the dependence on fossil fuels to a considerable extent. We use Biogas technology to obtain Biogas from dung to produce Cooking gas, Electrical power and Organic Fertilizer. Biogas can solve mainly two problems of rural areas (1) Shortage of Energy (2) High cost of fertilizer. Biogas technology is progressive, sustainable and contributes much to social advancement.



BIO-GAS PLANT

The important physical and chemical conditions that affect the overall biogas reaction are “Temperature, pH, C.N Ratio, Nutrient availability, toxicity by certain chemicals, Oxidation reduction rate of the substance, moisture content and retention time, etc.

Biogas technology is rightly suitable for A.P where the mean temperatures are very high (Biogas production will be more at high temperature).



Andhra Pradesh is has a cattle population of about 2.449 crores. Assuming 360 days of Biogas plant operation, 20kg dung/animal/day 0.05 cum of biogas/kg wet dung, 1.2 KW power/1 cum of biogas, we can produce 48.98 crore Kg's wet dung / dung / day, 2.449 crore cum Biogas / day and 2.9388 crore KW power / day.

The total production of electrical power in a year comes to 1057.968 crore KW, amounting to approx. Rs. 4231.87 crore when assumed at Rs 4/- per K.W. We can produce organic fertilizer M.T., the value of which is to be added to the above figure.

Biogas is produced through a biochemical process in which some bacteria convert the biological wastes into useful Biogas comprising Methane. Such Methane gas is renewable through continuous feeding of biological wastes, which are available in plenty in rural areas in our country.

The process of Biogas production is and aerobic in nature and takes place in two stages

(1) Acid formation stage (2) Methane formation stage. To separate the two stages, the fermentation tank is suggested.





Dung and urine from the dairy farm are collected and dumped into the slurry mixing tank. Water equivalent to $\frac{2}{3}$ weight of dung and cattle urine $\frac{1}{3}$ weight of the dung should be added. C/N Ratio is to be calculated and the inputs are to be adjusted to have a C/N Ratio between 25 to 30. Mix the material well in the mixing tank, with the help of mechanical mixer, removes all the unwanted material from the mixing tank. While mixing water and urine in the mixing tank, we must take enough precautions to separate the heavy inorganic solid particles from the slurry. Then we should pass the prepared slurry to the fermentation tank where the lighter non-fermented material is allowed to sink gradually.

The partially fermented slurry from the fermentation tank is pumped to the digester with the help of an inlet pipe. The digester holds the slurry within it for a period of digestion (30 to 40 days) for which it is designed. During the retention period Biogas is produced through biochemical process in which some bacteria convert the biological wastes into useful Biogas comprising Methane. The Biogas so produced will be collected in the gas holder. The gas connection is taken from the top of the gas holder and passed on to the purifier and then to the scrubber. The purified Biogas is used as cooking gas and as fuel for I.C Engines for generating electrical power. Its usage as an alternative fuel for Kerosene, Diesel and Petrol provides an attractive and viable proposition for a common farmer.



BIO-GAS USED FOR COOKING GAS

POWER PLANT

The Biogas technology can save the Indian Nation from Energy crises to as considerable extent and it helps to improve the National Economy by integrating it for rural development.



POWER HOUSE AND GENERATION UNIT

Biogas based power units are reliable decentralized, sustainable power generating units. It has the lowest financial input per KW of power generation with cost effective on the economy of our rural area. The Biogas collected from the gas holder is purified with moisture traps and scrubber in the power house. The purified gas is used to run the I.C Engine which will convert Mechanical Energy to Electrical power and the electrical so produced can be transmitted to required points with the help of the main distribution panel, sub-distribution panel and underground cables. This is where the bio gas generated is processed and sent for the cooking purposes and electricity purposes.

ORGANIC FERTILIZER UNIT

The by-product of Biogas production is digested slurry, rich in NPK, which has the capacity to improve soil fertility and reduce import of chemical fertilizers, which currently drains the large amount of Foreign Exchange.

When the digester is changed with fresh material an equal quantity of digested slurry will come out through the slurry outlet pipe and the slurry outlet chamber. The digested slurry is collected in the digested slurry collection tank with the help of the outlet slurry channel.

Fresh digested slurry in liquid form contains more Nitrogen. To use this advantage in our farm, a part of digested slurry is pumped to green fodder fields, banana gardens, Vegetable gardens, Green houses, Mango groves and coconut plans etc., through separate pipe lines and also by using slurry carrying tanks attached to tractors. The remaining part of the digested slurry is pumped into drying pits, where solids and liquids are separated. The solids so obtained are used as raw material for producing vermin compost and other organic fertilizers. The liquids obtained are used for the use of cotton cake, groundnut cake etc. in cattle feeding.



Vermi Compost Beds



Azolla

The digested slurry is a good source for micronutrients like, Zinc, Iron, Manganese and Copper. The plant nutrient content in digested slurry is given in the following table.

Plant Nutrient Content in Digested slurry

Plant Nutrient	Digested Slurry
Nitrogen N	1.5% to 2.00%
Phosphorus P(P ₂ O ₅)	1.00%
Potash K (K ₂ O)	1.00%



SLURRY TANK

The use of digested slurry (in liquid form) as manure improves soil fertility and increases crop yield by 10-20%. The slurry that comes out of the digester constitutes of good quality manure, free from weed seeds, foul smell and pathogens. It is rich in NPK and reduces the dependence on Chemical Fertilizers (which currently drains large amount of foreign exchange) The liquid separated from the digested slurry contains nutrients and trace minerals. It is a good promoter of algae. A high protein (35% to 40% Protein) rich Azolla can be harvested using this liquid. Azolla can be used in amounts up to 10% in animal feed to replace costly protein rich de-oiled cakes.

ORGANIC FARM

- In our organic farm we are producing vegetables, leafy vegetables, bananas, Coconuts, Mangoes etc., by using Bio Digested slurry for our needs.
- We are producing green fodder in 35 Acre by using Bio Digested slurry to feed the dairy animals



SLURRY AS ORGANIC FERTILIZERS TO THE FIELDS



COCONUT GROVES



MANGO GROVES

ORGANIC FERTILIZER PRODUCTION

Now we are conducting trials for solidifying the digested slurry with the help of Neem Cake, Castor Cake, Tobacco Cake, Bone Meal, Coir Pit, Bagasse Ash, Poultry manure, Filter Cake, Sheep/Goat Manure, Hoof and Horn Meal, etc., for getting good quality Organic Fertilizer suitable to use in Mango Groves, Coconut Groves, Oil Palm Groves and Green Fodder Crops. hoping for success at the earliest

ADVANTAGE & NEED OF INTEGRATED DAIRY FARMING

- ❖ The cooking gas, electrical power and organic fertilizers produced through processing dung and urine have high commercial value and hence improves the viability of dairy farming.
- ❖ In integrated Dairy Farming, a farmer can produce good quality milk at low Farm Gate Price and hence can be more competitive in Global Market.
- ❖ Immediate cooling of the milk ensures control of Microbial load and thereby retains flavor and quality of milk.
- ❖ Usage of drugs can be reduced as we can maintain better sanitary and hygienic conditions and thereby produce milk free from drug residues.
- ❖ Quality fodder and feed can be ensured to the cattle to achieve quality milk free from pesticide residues, heavy metals etc.,

- ❖ The new trend in the world Hydro-Carbon scenario shows the need for more dependence on Natural gas and un-conventional gas (shale gas) where both are Methane gases.
- ❖ The same Methane gas can be generated in integrated Dairy Farming in more eco- friendly way with zero addition of Carbon Dioxide to the environment which reduces the dependence on fossil fuels directly, thereby saving foreign exchange.

Future Thoughts: -

With the rich experience and success in Integrated Dairy Farming, we strongly believe it is more competitive and has many advantages compared to conventional dairying.

The future of our dairy industry will have to be built on quality and quality alone to achieve and meet world-class standards and to reduce Production Cost for finding rightful place in global market.

To reach this target, we must start DAIRY COLONIES in each village and establish INTEGRATED DAIRY FARMS, where we can produce-

1. Good Quality Milk at reduced farm gate price
2. Cooking Gas
3. Electrical Power and
4. Organic Fertilizers.

VERMI COMPOST UNIT RESEARCH AND EXPERIMENTATION

In such created ecosystem students and the faculty are encouraged to conduct research and experiment.

Life sciences students regularly have access to the Vermi compost unit and other Bio fertilizer units, students formulate basic requirements for Vermi compost unit and observe the outcomes in the farm of fertile Vermi compost.



SPACES STUDENTS AT THE BIO FERTILIZER UNIT



VERMI COMPOST BEDS

CHECKING THE EFFECTIVENESS OF VERMI COMPOST & VERMI WASH

Life sciences have experimented on the plants of same species in same environment by making use of NORMAL SOIL, Vermi compost and Vermi wash. Results were analyzed and proven that the productivity of the Vermi compost and Vermi wash is much effective.



BIO-GAS RESEARCH AND EXPERIMENT

SPACES DEGREE COLLEGE students conducted Studies in the inhouse bio gas plant and have conducted experiments. Students experimented to reduce the moisture level in the bio-gas.They tried with alternative sources like palm oil sludge for bio-gas production. They used cow dung and collected gas into the bottles and alternative sources. The students enthusiasm and interest have very well been appreciated and telecasted in the news channels.





STUDENTS WITH THE EXPERIMENTAL SETUP

SERICULTURE PROJECT BY SPACES

DEGREE COLLEGE STUDENTS

SERICULTURE PROJECT

ABSTRACT OF THE PROJECT

Project Team: E.Pardha Saradhi Ayyangar, R.Rajkumar, E.Himanshu, K.Dorababu, K.Rama Raghava
(B.Sc 3rd year CBZ and Biotechnology), SPACES Degree College (an affiliate of Andhra University)

SERICULTURE

Def: The rearing of silk moth and production of raw silk is known as sericulture.

Sericulture is an agro based industry involving rearing of silkworms for the production of raw silk from the cocoons spun by certain species of insects. It comprises of food-plant cultivation to feed the silkworms which spin silk cocoons and rearing the cocoons for unwinding the silk filament for value added benefits such as processing and weaving

Silkworms are subjected to different gradients of temperature, various feeding patterns, and light intensity variations. The effect of these factors on growth of silkworm and size of the cocoon is evaluated and studied in this project. The team is preparing a report on the factors such as temperature, food supply, and light influence of rearing silkworms under different conditions. This study aids in creating awareness amongst the cultivators on

This Innovative Integrated Sericulture also aims at production of Biogas from Silk worm excreta. This Method is also useful for vermiculture and mushroom culture. Integrated sericulture for a sustainable future is the ultimate result of this project the benefits of this project are production of silk from silkworms through non-violence, production of Seri Gas, Seri compost, straw for mushroom cultivation, fertilizer for plants through silk waste.

Generally Silk is extracted by killing the silk worms at cocoon stage. The students are working on extraction of silk without killing the worms (Peace Silk).



STUDENTS MADE A SERICULTURE SETUP IN THE LAB



STUDENTS MADE A SERICULTURE SETUP IN THE LAB

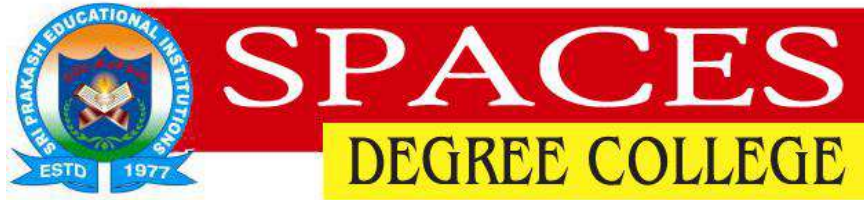


**Students have presented the sericulture project at an event
'ECOTONE' and stood first in the exhibit.**

In addition to experiments/science projects, conducted in the ecosystem of the college, the college promotes the transfer of knowledge through the conduct of events with help of industry experts. Students are well encouraged to share their thoughts and ideas regarding Research and Experimentation.

Regularly conducted events-

- digiTALL**
- Mathematics day celebration**
- Curieous**
- Science day celebrations**
- SPANDANA**



digiTALL-Technology to all
2019

digital 2019 technology to all

A Seminar on IT

FUTURE - READY IT ON CLOUD 9

7th December 2019, Saturday

Organising Secretary

Sri S.M.V.S.Kumar

Head, Department of Computer Science - 9440789291



Organised by Department of Computer Science



Affiliated to Andhra University

SPACES

DEGREE COLLEGE

NH-16, Payakaraopeta, Vizag Dt.

9550861333, 9293344333

08854-254533, 254544

www.sriprakash.org

SPEAKERS ON THE DAY

Dr. Digambar Pawar

Associate Professor
School of Computer & Information Sciences
University of Hyderabad.

Sri Ravichandra Kolluru

Location Head
Tech Mahindra, Vizag

SCHEDULE

Session I	Registration	: 8.30 am to 9.30 am
	Inaugural Address	: 9.30 am to 10.00 am
	Seminar I	: 10.00 am to 11.00 am
	Break	: 11.00 am to 11.15 am
	Seminar II	: 11.15 am to 12.15 pm
	Quiz Screening and Presentations	: 12.30 pm to 01.15 pm
	Lunch	: 01.15 pm to 2.00 pm
Session II	Presentations (PPT)	: 2.00 pm to 3.00 pm
	Quiz Finals	: 2.15 pm to 3.15 pm
Session III	Break	: 3.15 pm to 3.30 pm
	Valedictory function:	3.30 pm onwards

TALKS

COMPETITIONS

AWARDS



Dr. Digambar Pawar

Associate Professor School of Computer & Information Sciences
University of Hyderabad.

Dr. Digambar Pawar had his (masters) M.Tech in NIT, Warangal with computer science and Engineering he did his Ph.D from BITS-Pilani.

He is associated with CDAC (Center for Development of Advanced Computing) Trivandram, as scientist in the field of Cyber Forensics research and development at CDAC. He has a vast contribution in the development of Cyber Forensic tools like cyber check (Forensic Data Carving tool) , F-Dac (Forensic Data Carving tool) , FIRT (Forensic Image Recovery tool) etc.

His research areas are Digital Forensics, cloud computing, cloud forensics and cyber security.

He worked as faculty in computer science department at BITS-Pilani , Hyderabad. Presently , he is working as an Associate professor in the department of computer & Information Sciences, HCU



Sri Ravichandra Kolluru
Location Head - Tech Mahindra, Vizag

Mr. Ravichandra Kolluru did his masters in Computer Applications from Andhra University (he has 22 years of experience in the field of IT industry). He has a rich IT experience for over 22 years and worked in various capacities and roles. He is also a certified Global Basing Leader from U21 university and Harvard school of publications.

As an Asst vice president , he is supervising the additional role of a location Head of Tech Mahindra , vizag and is responsible for liaising with Govt officials, Industrial Forums and Academic Institution.

Ravichandra has been associated with Tech Mahindra since 1998. At present, his role is Presales Head – Enterprise ROW and is responsible for solutions and sales support for different customers across all industries and multiple technologies for the countries in this region.

COMPETITIONS

Paper Presentation (PPT)

Team (2 Participants)

Quiz

- ◆ 1 Team (3 Participants)

Eligibility

- ◆ Paper Presentations
- ◆ UG Students of Computer Science

Quiz

- ◆ UG Students of Computer Science

Topics for Quiz

- ◆ UG Computer Science, C.S in General

Topics for Paper Presentation

- ◆ Cloud Computing
- ◆ Virtual Reality
- ◆ 5G Mobile Technology
- ◆ Big DATA
- ◆ Artificial Intelligence
- ◆ Cyber Crime & Security
- ◆ Machine Learning
- ◆ Data Warehousing

CASH AWARDS

- ◆ Paper Presentation : 1st Rs. 1500/- 2nd Rs. 1000/-
- ◆ Quiz : 1st Rs. 2000/- 2nd Rs. 1500/-

GENERAL RULES AND REGULATIONS

- ◆ Soft copy should reach at info@sriprakash.org on or before 06-12-2019.
- ◆ The presentation should not exceed 10min.
- ◆ Quiz - Maximum 2 Teams per college.
- ◆ Paper Presentation - Maximum 4 Teams per college.

The College is located on NH-16, Payakaraopeta,
3 KM from Tuni Railway Station / Tuni Bus Complex.

About...

FUTURE- READY IT ON CLOUD 9

Industries expect IT professionals to have the zest and zeal along with the ability to learn new tools and techniques. One should have the ability to identify one's core skills, team up with members with complementary skills, collaborate and contribute. Aspirants should have good verbal and written communication skills.

The IT industry is unique. Unlike almost any other industry there are barely any manufacturing and logistics processes and cost. Indian IT industry has been experiencing a phenomenal growth for the last few years. The IT industry is expected to play a vital role in the growth of Indian Economy.

Coming to the "Industry – Academia gap", it can be minimized by understanding what the industry expects from a fresh engineer. When something goes wrong, one can either blame one's circumstances or look at ways of making the situation better. Industry wants the latter category who considers such a situation as an opportunity to learn. Industries expect the employees also to be flexible in terms of working locations, nature of projects or in some cases, working hours.

The sense of ownership results in completion of tasks with maximum quality. An aspirant should have the ability to adapt to any situation. 100% of the tasks assigned to an engineer may not be in alignment with his or her interest. One can make a remarkable difference by chalking out one's career plans. Having a clear idea of what one wants keeps one motivated. New occupations appear frequently, for example, today, Millions of us are happy to use a variety of applications in the cloud, such as applications of CRM, HR, accounting, and even business applications. These applications based in the cloud can be operational in a few days is not possible with traditional enterprise software.

They are cheap because you do not have to invest in hardware and software, or to spend money for the configuration and maintenance of complex layers of technology or to finance facilities to run them. And they are more scalable, more secure and reliable than most applications. In addition, upgrades are supported, so that the applications automatically benefit from all the improvements of safety and performance available, as well as new features.

In the wake of challenging circumstances IT professionals - to - be should know their career path right from the day one they have joined in undergraduation with professional courses and accordingly cultivate and groom themselves. Expert seminars help them facelift with confidence and competence.

GUEST PROFILES:

GUEST-1 (DR.DIGAMBAR PAWAR)

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Educational Details:

- B.Tech (Computer Science & Engineering), Andhra University - 2001
- M.Tech (Computer Science & Engineering), NIT Warangal - 2003
- Ph.D. (BITS Pilani)-2016



Professional Background:

- Associated with CDAC (Centre for Development of Advanced Computing), Trivandrum, as Scientist in the field of Cyber Forensics research and development [2005-2011].
- At CDAC, contributed in the development of Cyber Forensic tools like Cyber Check (Forensic Disk analysis tool),
- F-DaC (Forensic Data Carving tool), FIRT (Forensic Image Recovery tool), etc.
All these tools are used by Law Enforcement Agencies, Govt. of India.
- Faculty in Computer Science Department at BITS-Pilani, Hyderabad Campus[2011-2016].
- In BITS, he was Co-PI for the project "Design and Development of Digital Forensic Tools for Cloud IaaS", funded by DeITY, Govt. of India.
- Senior Consultant for a short period in C-DAC, Hyd., in the project NDCRTC(National Digital Crime Resource & Training Center), executed at SVPNPA (Sardar Vallabhbhai Patel National Police Academy)
- At present working as Associate Professor in the School of Computer Science at HCU [Since Mar 2017] My research areas include Digital forensics, Cloud Computing, Cloud forensics and Cyber security.

GUEST-2 (Sri. RAVICHANDRA KOLLURU)

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- Mr. Ravichandra Kolluru, is a Post Graduate in Computer Applications from Andhra University.
- He is also a Certified Global Business Leader from U21 universities and Harvard School of Publishing.
- Ravichandra has close to 22 years of experience in the IT Industry spanning across various capacities and roles.
- Ravichandra has been associated with Tech Mahindra since 1998.
- In his current role of Presales Head – Enterprise ROW is responsible for solutioning and Sales support for different customers across all industries and multiple technologies for the countries in this region.
- As an Asst Vice President, playing the additional role of a Location Head for Tech Mahindra Vizag Facility and is responsible for liaising with Govt Officials, Industrial Forums (CII, NASSCOM), and Academic Institutions.





SPACES DEGREE COLLEGE, PAYAKARAOPETA

AGENDA

Dt: 07-12-2019

Welcome note	:	Miss Priyanka
Introduction to the Guests	:	Miss P.L.Vandana & Miss V. L.Annapurna
Guest of Honour	:	Dr Digambar Pawar Associate Professor School of Computer & Information Sciences HCU, Hyderabad
Guest of Honour	:	Mr. RaviChandra Kolluru Location Head Tech-Mahindra, Visakhapatnam
Jyothi Prajwalana	:	By Dignitaries
Prayer	:	Miss Kusuma &Team
Organising Secretary's Acknowledgment	:	Sri S M V S Kumar Head, Department of Computer Science.

SEMINAR SESSION

Profile Reading	:	Miss B. Anjali
Seminar – I	:	By Dr. Digambar Pawar (10 A.M to 11.00 A.M)

Break – (11.00 A.M to 11.15 A.M)

Profile Reading : Miss S.Priyanka
Seminar – II : By Mr.RaviChandra Kolluru
(11.15 A.M to 12.15 P.M)
Quiz Screening : Room No. B-201 & B-202
(12.30 P.M to 1.00 P.M)
Paper Presentation : U.G.Seminar Hall
(12.30 P.M to 1.15 P.M)

Lunch – (1.15 P.M to 2 P.M)

POST LUNCH SESSION

Quiz Finals : Room No. A-102
(2.00 P.M to 3.15 P.M)
Paper Presentation Continues... : U.G.Seminar Hall
(2.00 P.M to 3.30 P.M)

Break – (3.30 P.M to 3.45 P.M)

Valedictory Function : 3.45 P.M onwards
Momento Presentation to guests : By Sri Ch.Vijay Prakash
Joint-Secretary,
Sri Prakash Eductional Institutions.
Vote of Thanks : By Dr.K.Veerraju,
Principal-In-charge,
SPACES Degree College.
Prize Distribution to Winners : By Honorable Guests
Memento Presentation to
Teacher Delegates : By Sri Ch.Vijay Prakash, Joint-Secretary,
Sri Prakash Eductional Institutions.
National Anthem : By All.



digiTALL Tech Dais All Set to Go



SPACES DEGREE STAFF WITH THE LOGO LANDART



STUDENTS MOVING AHEAD WITH LOTS OF ENTHUSIASM



STUDENTS FROM OTHER COLLEGES REGISTERING AT THE EVENT



WELCOMING Dr DIGAMBAR PAWAR



WELCOMING Sri. RAVICHANDRA KOLLURU



LIGHT LAMPING CEREMONY



LIGHT LAMPING CEREMONY



STUDENTS IN THE SEMINAR FROM OTHER COLLEGES



THE PROGRAM IS ALL SET TO GO



DR.DIGAMBAR PAWAR ADDRESSING THE STUDENTS



SRI. RAVICHANDRA KOLLURU ADDRESSING THE STUDENTS



STUDENTS INTERACTING WITH SRI. RAVICHANDRA KOLLURU

QUIZ FINALS

welcome
to



QUIZ FINALS

1

QUIZ ROUNDS

ROUND 1 - GENERAL ROUND

ROUND 2 - INFO ROUND

ROUND 3 - SUBJECT ROUND

ROUND 4 – RAPID FIRE ROUND

2



QUIZ BEING CONDUCTED



GENERAL ROUND

PPT PRESENTATIONS



PPT PRESENTATION



PPT PRESENTATION



PPT PRESENTATION



PPT PRESENTATION



PPT PRESENTATION



PPT PRESENTATION –WINNERS



PPT PRESENTATION –RUNNERS



QUIZ-WINNERS



QUIZ - RUNNERS





**STAFF COORDINATORS AND STUDENT VOLUNTEERS
OF THE EVENT**

సాంకేతిక అంశాలలో నైపుణ్యం అవసరం

పాఠశాలలలో, కాలేజీల్లో, న్యూస్టుడే: సాంకేతిక అంశాలపై నైపుణ్యం పెంచుకోవాలని హైదరాబాద్ విశ్వవిద్యాలయం అసోసియేట్

అచార్యులు డాక్టర్ దిగంబర్ పవార్ పేర్కొన్నారు. ఇక్కడి స్పెషల్ డిగ్రీ కళాశాలలో శనివారం డిజిటల్-2019 జాతీయస్థాయి

కోవాలని వివరించారు. ఐటీ రంగంలో ఉపాధి అవకాశాలు నానాటికీ పెరుగుతున్నాయని తెలిపారు. సాంకేతిక రంగంలో రాణించాలంటే ఎప్పటికప్పుడు సామర్థ్యాలను మెరుగుపరుచుకోవాలని సూచించారు. సానుకూల వైఖరితో నిష్ణాతులు కావాలని పేర్కొన్నారు. విద్యార్థులకు క్విజ్, పేపర్ ప్రజంటేషన్ పై పోటీలు నిర్వహించి విజేతలకు బహుమతులు అందజేశారు. ఈ కార్యక్రమంలో టెక్ మహేంద్ర లోకేశన్ హెడ్ రవీంద్ర, శ్రీ ప్రకాష్ విద్యాసంస్థల సంయుక్త కార్యదర్శి సీ హెచ్. విజయప్రకాష్, ప్రెస్సిపల్ డాక్టర్ కె.వీ.రాజు, వైస్ ప్రెసిపల్ పి.సీ.హెచ్.వి.సుబ్బారావు, శ్రీ ప్రకాష్ ఇంజనీరింగు కళాశాల ప్రెసిపల్ వి.రవికుమార్, ఎస్.ఎం.వి.ఎస్.కుమార్ పాల్గొన్నారు.



సెమినార్ నిర్వహించారు. దీనికి ముఖ్య అతిథిగా హాజరైన ఆయన మాట్లాడుతూ క్లౌడ్ కంప్యూటింగ్ విధానంలో డేటాను భద్రపరుచుకోవచ్చని చెప్పారు. భద్రతతో కూడిన డేటా అందుబాటులో ఉండన్నారు. దీన్ని సక్రమమైన రీతిలో సద్వినియోగం చేసు

సదస్సులో మాట్లాడుతున్న అసోసియేట్ అచార్యులు దిగంబర్ పవార్

శ్రీ ప్రకాష్ లో డిజిటల్ జాతీయ సదస్సు



(తుని, ప్రభన్యూస్) : శ్రీ ప్రకాష్ విద్యా సంస్థల అనుబంధ సంస్థ అయిన స్పేసెస్ డిగ్రీ కళాశాలలో డిజిటల్ 2019 జాతీయ సదస్సు శనివారం నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా యూనివర్సిటీ ఆఫ్ హైదరాబాద్ అసోసియేట్ ప్రొఫెసర్, స్కూల్ ఆఫ్ కంప్యూటర్ అండ్ ఇన్ఫర్మేషన్ సైన్సెస్ డాక్టర్ దిగంబర్ పవార్ టెక్ మహింద్రా లాకేషన్ హెడ్ రవచంద్ర కొల్లూరు పాల్గొన్నారు. డిజిటల్ జాతీయ సదస్సును శ్రీ ప్రకాష్ విద్యా సంస్థల సెక్రెటరీ సిహెచ్. విజయ్ ప్రకాష్ జ్యోతి ప్రజ్వలన చేసి ప్రారంభించారు. ఈ సదస్సులో డాక్టర్ దిగంబర్ పవార్ మాట్లాడుతూ క్లౌడ్ కంప్యూటింగ్ వాటి ఉపయోగాలు, క్లౌడ్ కంప్యూటింగ్ ద్వారా స్టోరేజీ ని ఏ విధంగా ఉపయోగించుకోవచ్చో, వాటి వల్ల వచ్చే సమస్యలు గూర్చి తెలుపుతూ వాటి పరిష్కారాలు, వాటి పరిణామాలు ప్రస్తుత అంశాలను అనుసరించి వాటి యొక్క ప్రాముఖ్యత గురించి తెలిపారు. ప్రతి ఒక్కరికీ నేడు క్లౌడ్ కంప్యూటింగ్ ద్వారా డేటా భద్రపరచుకొనే విధానాన్ని అలవాటు చేసుకున్నారని, డేటాను భద్రపరిచే టప్పుడు ఎలాంటి కొలమానాలు మరియు

జాగ్రత్తలు తీసుకోవాలి, వాటిని తిరిగి పొందేటప్పుడు పాటించవలసిన నియమాలు వంటి వాటిపై విద్యార్థులకు పవర్ పాయింట్ ప్రెసెంటేషన్ ద్వారా అవగాహన కల్పించారు. రవచంద్ర కొల్లూరు మాట్లాడుతూ విద్యార్థులు వారి డిగ్రీ తర్వాత ఐటీ రంగం పట్ల అవగాహన ఉన్న అవకాశాల గురించి వివరించారు. ప్రాథమిక అంశాలపై సమగ్ర అవగాహన మరియు సానుకూల వైఖరి పెంపొందించుకోవడం ద్వారా ఐటీ రంగంలో ఉన్నతమైన స్థానానికి ఎదగవచ్చునని తెలియజేశారు. ఐటీ రంగంలో ప్రవేశించుటకు ఉండవలసిన నైపుణ్యాలను ఎప్పటికప్పుడు మారుతున్న టెక్నాలజీ కి అనుగుణంగా తమ సామర్థ్యాలను మెరుగుపరచుకోవాలని అప్పుడే ఐటీ రంగం లో ఉన్న చక్కని అవకాశాలను చేజిక్కించుకోవచ్చని ఆయన తెలిపారు. శ్రీ ప్రకాష్ విద్యా సంస్థల కార్యదర్శి సిహెచ్. విజయ్ ప్రకాష్ మాట్లాడుతూ ఈ జాతీయ స్థాయి సెమినార్ ఏర్పాటు ముఖ్య ఉద్దేశ్యం విద్యార్థులకు వివిధ అంశాల పట్ల అవగాహన పొంది తద్వారా ఉపాధి అవకాశాలను అందిపుచ్చుకునే సామర్థ్యం వారిలో పెంచుకుంటారని ప్రతి ఏటా రసాయన, భౌతిక మరియు కంప్యూటర్ సైన్స్ పై జాతీయ స్థాయి సదస్సు ఏర్పాటు చేస్తున్నామని తెలిపారు. వివిధ కళాశాలల నుండి ఈ సెమినార్ విచ్చేసిన విద్యార్థుల విద్యార్థులు ఉన్నత స్థానాలకు చేరుకోవాలని శ్రీ ప్రకాష్ విద్యా సంస్థలు అభిలషిస్తున్నాయని ఆయన తెలిపారు. ఈ సందర్భంగా క్వీజ్, పేపర్ ప్రజెంటేషన్ నిర్వహించారు. ఈ సదస్సులో సుమారు 500 మంది విద్యార్థులు వివిధ జిల్లాల నుండి హాజరయ్యారని కళాశాల ప్రిన్సిపాల్ డాక్టర్ కె. వీరాజు తెలియజేశారు. క్వీజ్, పేపర్ ప్రజెంటేషన్ లో ప్రథమ, ద్వితీయ స్థానాలు గెలుపొందిన విద్యార్థులకు నగదు మరియు మెరిట్ సర్టిఫికేట్లు, మెడల్స్ బహుకరించారు. ఈ కార్యక్రమంలో వైస్ ప్రిన్సిపాల్ పెనుగొండ సుబ్బారావు, శ్రీ ప్రకాష్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ ప్రిన్సిపాల్ పి.వి.రవికుమార్, డిజిటల్ కన్వీనర్ ఎస్ ఎం వి ఎస్ కుమార్, అధ్యాపకులు పాల్గొన్నారు.



REPORT ON DIGITALL-2019 @ SPACES DEGREE COLLEGE

As a tradition the Department of Computers organized the National Level Seminar on **FUTURE-READY IT ON CLOUD 9** on 7th December 2019.

This event digiTALL is being organized by our institution to bring awareness among the students about the technology being useful to everybody. The name of the event represents the same Digi is digital, TALL is technology for all. This event has been started to create a forum where students should be able to share their views and knowledge and be guided in the right direction by the right people already in this field of digital Technology. This also has been started to create a kind of innovative and competitive spirit in the students so that the technology can be used for the good of the society.

We expect the students to get acquainted with various technologies, get suggestions from our honorable guests about various educational and profession opportunities in the field of Information Technology. The students should use this forum to enhance their knowledge and broaden their vision to the various technologies.

This event is not organized to test student knowledge. It is only to guide the students in the right directions.

The event begins with proposal acceptance by the Principal Dr. K Veerraju by the Head, Dept of Computer Science , S.M.V.S KUMAR. After accepting the proceedings are carried out and one-day national level seminar with title “FUTURE -READY IT ON CLOUD 9”” was planned on 7th December 2019. Two guests are invited, Dr Digambar Pawar, Associate Professor, School of Computer & Information Sciences,

University of Hyderabad and Guest-2 Sri. Ravichandra Kolluru, Location-Head, Techmahindra, Vizag region. Both delivered seminar on latest trending technologies including cloud computing.

The Guest1 speech is scheduled from 10 am to 11 am and Guest2 speech is scheduled from 11.15 to 12.15 pm . The quiz prelims are conducted from 12.30 to 1.15pm and finals are conducted from 2pm to 3.15pm. Another competition ppt presentations are conducted from 2pm to 3.30 pm on the same day.




PRINCIPAL
SPACES DEGREE COLLEGE,
PAYAKARAOPETA

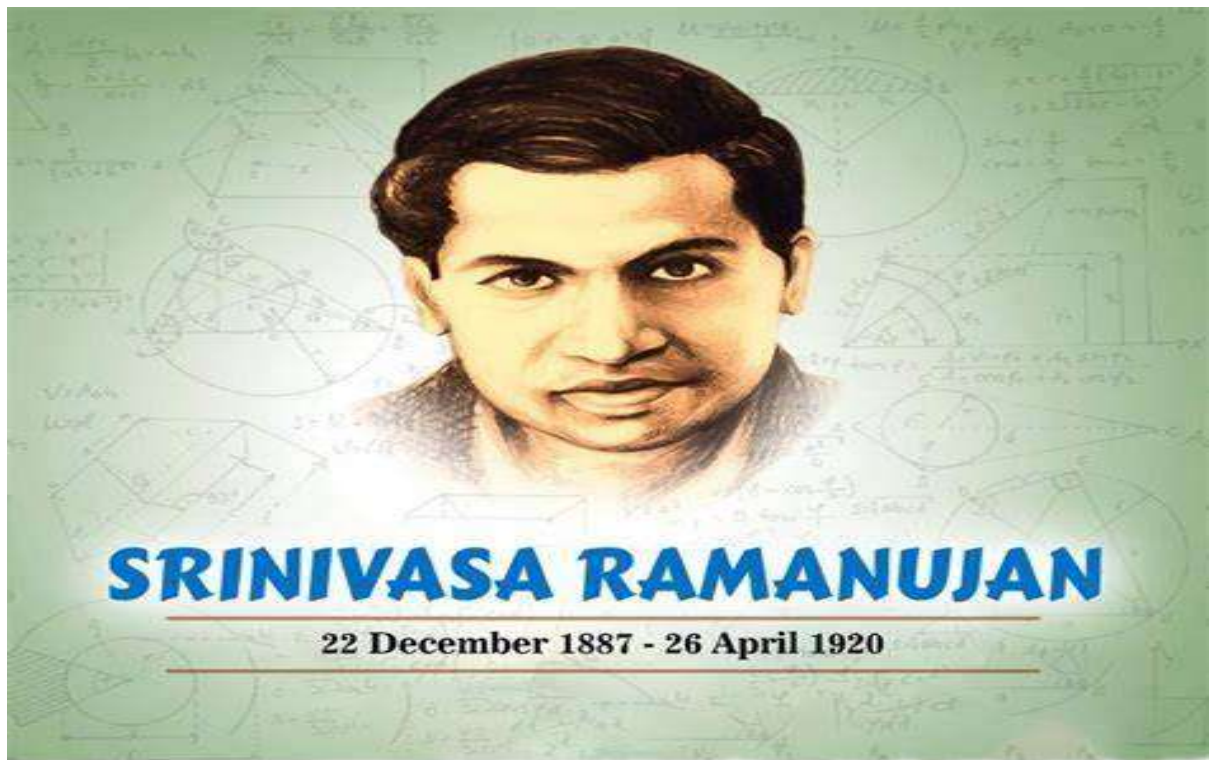
DEPT. OF MATHEMATICS

NATIONAL MATHEMATICS DAY

20&21 DECEMBER 2021

134 BIRTH ANNIVERSARY CELEBRATIONS

&



SPACES

DEGREE COLLEGE

Payakaraopeta,
Dt: 10-12-2021.

From
P.Ch.V.Subba Rao,
Head, Dept. of Mathematics,
SPACES Degree College,
Payakaraopeta.

To
The Principal,
SPACES Degree College,
Payakaraopeta.

Sir,
(Sub:- National Mathematics Day 2021 – Celebrations – Proposal – Acceptance –
Reg.)

With due respect, Department of Mathematics, SPACES Degree College, is proposing to celebrate National Mathematics Day – 2021 in our college to commemorate 134th Birth Anniversary of Sri Srinivasa Ramanujan as per below schedule –

20 th December 2021, Monday	10am to 10.30am	Quiz screening to 1 st B.Sc. Mathematics students
20 th December 2021, Monday	2pm to 3pm	Play with Basics screening test – a competition on quicker Maths
21 st December 2021, Tuesday	1.30pm to 2.30pm	Quiz Finals with top 4 teams
21 st December 2021, Tuesday	3.30pm to 4pm	Play with Basics – a competition on quicker Maths

Apart from Quiz & Play with Basics, we would like to arrange a Guest lecture from 10.30pm to 12.30pm on 21st December 2021 Chief Guest Sri E. Chandraiah (Ankela Mamaiah), renowned Mathematician from Hyderabad. We would also wish to felicitate Senior Mathematics faculty members of Sri Prakash educational institutions.

In this regard, request your permission for approval and further proceedings.

Thanking you,

Yours truly,

P. Ch. V. Subba Rao
(P Ch V Subba Rao)
Head, Dept. of Mathematics.

Accepted
10/12/21

SPACES DEGREE COLLEGE
DEPARTMENT OF MATHEMATICS
NATIONAL MATHEMATICS DAY-2021 CELEBRATIONS


Dt. 13-12-2021

CIRCULAR

On the account of National Mathematics Day, all the 1st B.Sc. Mathematics students are hereby informed that “Quiz Screening” will be conducted from 10 am to 10.30 am on 20th December 2021 & “Quiz Finals” will be conducted from 1.30pm to 2.30pm on 21st December 2021.

Screening test on “Play with Basics” – a competition on Quicker Maths will be conducted from 2 pm to 3 pm on 20th December 2021 & “Play with Basics finals” will be conducted from 3.30pm to 4pm on 21st December 2021.

Apart from Quiz & Play with Basics, a “Guest lecture” is arranged from 10.30am to 12.30pm on 21st December 2021 by Sri E. Chandraiah garu, renowned Mathematician from Hyderabad.


Head, Department of Mathematics
(P.Ch.V.Subbarao)


Principal
(Dr. K.Veerraju)

PRINCIPAL
SPACES DEGREE COLLEGE,
PAYAKARAOPETA



the man who knew infinity...

RAMANUJAN Birthday Celebrations

Invitation

Payakaraopeta,
Dt: 20-12-2021.

Dear Sir,

Warm Greetings!

Sri Prakash has been celebrating *National Mathematics Day*, on the eve of Sir Ramanujan's birthday.

We are cordially inviting you as a Special Invitee on the occasion, "*National Mathematics Day*", going to be celebrated on 21-12-2021 at Sri Prakash Vidya Soudham, Payakaraopeta from 9.30 A.M. onwards.

Looking forward to your timely august presence,

Yours sincerely,

PRINCIPAL

(Dr. K.VEERRAJU)

PRINCIPAL

SPACES DEGREE COLLEGE,
PAYAKARAOPETA



SPACES

Degree College

www.sriprakash.org

MY PROFILE

Full Name : Ettemalla Chandraiah
Popularly known as : Ankela Mamaiah
Date of Birth : 10th Novemebr, 1965
Birth Place : Erukalogutta H/O Laxmidevigudem,
Vemulapally Mandal, Nalgonda Dist, A.P.
Mother : Ramulamma
Father : Samuel



Non Formal Education or Self Learning:

Mimicry
Ventriloquism
Hypnotism
Magic
Joyful Mathematics teaching (Mathemagic)
Science Experiments with low cost or no cost
Personality Development
Art of Public Speaking

Jobs:

1986-96: Private school teacher in Tipparthy and taught maths and science for 1-7 classes
1996-2003 Professional Mathemagician
1997-1998 Resource Person in M.V. Foundation
1998: key person in back to schools programme for dropout children in all the 59 mandals in Nalgonda Dist.
1998-till now: Resource Person in Sadhana Educational Resource Centre
2002-2003 NCLP Co-ordinator, Medak Dist.
2004: State Resource Person for Mobile Science Lab, DPEP
2004-06 Sub Editor, 'Chaduvu' magazine, a well read monthly magazine published by DPEP, AP Govt.

2005-2006 : 'Gignasa' Resource Person for VASORD

2006 - 2013: Consultant to SDF (Social Development Foundation) Delhi

2013-2014: Given Lectures to the IIT Students at Allahabad On Occasion Of Science

Convention-6&7 (5 days International Seminar with Nobel Laureates)

2015-Till now: Magic Lecturer at Sri PottiSriramulu Telugu University

As An Activist:

1979-1984: SFI executive

1988-Till now : JVV (Jana Vignana Vedika)

Master trainer in miracle magic for all progressive organizations in A.P. namely, Jana Vignana Vedika, Manava Vikasa Vedika, Hetuvada Sangam and other humanist organizations.

Writings:

1. 1978: 'Parivarthana', a social revolutionary play at the age of 13 years (staged but not published)
2. 1979: Gunnayya Gaddam, a comedy play (staged but not published)
3. 1996: Mathemagics for Students (Part-1 and Part-2) (Telugu)
4. 1997: Ganitha Prathibha (Maths technique to generate interest) (Telugu)
5. 2006: Pillala Ganitham, (Prajashakthi Publications) (Telugu)
6. 2007: Caliculator games (Prajashakthi Publications) (Telugu)
7. 2007: Ganitha Sutra Deepika (Prajashakthi Publications) (Telugu)
8. 2012 : Advanced Techniques in Mathematics (Telugu)
9. 2013: Advanced Techniques in Mathematics (English)
10. 2014: Mathemagics (Akash Publications)(English)
11. 2014: Ganitha Ascharyalu(Akash Publications)(Telugu)
12. Chintu Thelivi
13. Chitti Prayogalu

Unpublished:

1. Ganitha Bodhnalo Naa Anubhavalu

Articles: Number of articles came in All leading Dailies in AP with title Ankela mamaiah and also in 'VidyarthiChekumukhi', Chaduvu monthly magazines on Mathematics

Public Awareness:

Miracle magic shows: Self made magic items. And revealed many secrets of many Godmen.
Reached 5 lakh audience in approximately 2500 public shows were given
Shows were given in all districts in Andhra Pradesh State
Shows were given many states in our country namely Delhi, Goa, Uttaranchal, Uttarpradesh, Biharn Jarkhand, West Bengal, Maharastra, Karnataka etc.
Visited Khatmandu (Nepal) 3 times as Consultant to SDF to give shows on superstitions.
Mathemagic shows: Shows were given to educate the students to create maths friendly or to prevent fear from maths. Nearly 1 lakh shows were given all over India

TV Shows:

Particularly 'TV-9' 30 minutes programme broadcasted on 10th March, 2010 and repeated many times.
Tele School Programme in Dooradarshan regularly between 2000-2004 as Ankela Mamaiah (friend of numbers)
ETV- Andhravani covered Math lab
TV-5 Morning Athidhi
DD8: Ganitha Avadhanam in 2000
Namaste Telangana, a leading Telugu News daily of the region covered full page in Jindagi column in the name of "Ankela Manthrikudu" on 26-06-2013.
Attended a International Seminar at Sweekar Upkar as Maths & Science Resource Person
Addressed the math's Text books preparation team at SCERT-AP

Award:

Received Nipuna-2012 Award from Department of Art & Culture, Govt. of A.P.
Received Reward of "**Ankela Mamaiah**" by Uyala Communications

Ganitha Avadhana Guru:

Trained over 2000 students to perform Ganitha Avadhanam.
Sowmya a state level popular child Ganithavadhani had been taught.
International Performer in Mathematics Nischal Narayan also had been taught.

Hobbies:



the man who knew infinity...

RAMANUJAN Birthday Celebrations



SPACES DEGREE COLLEGE & JANA VIGNANA VEDIKA NATIONAL MATHEMATICS DAY 2021 EVE CELEBRATIONS AGENDA

➤ **WELCOME NOTE**

➤ **INVITING GUESTS ON STAGE**

1. Dr. K Veerraju, Principal, SPACES Degree College
2. Sri M V V S Murthy, **Guest of Honour**
Senior Principal, Sri Prakash Schools
3. Sri V V S S Bhanu Murthy, **Guest of Honour**
Principal, Sri Prakash Junior College
4. Sri K Trimurthulu Reddy, **Guest of Honour**
Vice President, A P State Jana Vignana Vedika
5. Sri P Ch V Subbarao, Vice Principal & HOD of Mathematics, SPACES Degree College
6. Sri E Chandraiah, **CHIEF GUEST**,
Renowned Math Magician & Ankela Mamaiah

➤ **JYOTHI PRAJWALANA**

➤ **PRAYER**

➤ **MESSAGES BY GUESTS**

- Felicitation to Senior Mathematics Faculty members of Sri Prakash
- Messages by Special Invitees
- Introduction of Chief Guest
- Interactive Session with students by the Chief Guest

➤ **QUIZ FINALS**

- Introduction of Special Guest, National Awardee Dr. R Sivaraman
- **KNOWING RAMANUJAN**, a virtual seminar by National Awardee Dr. R Sivaraman, Associate Professor, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai
- Magic Show on Maths by Sri E Chandralah
- Memento distribution to Chief Guest by Dr. K Veerraju
- Prize Distribution by Sri E Chandralah
- Vote of thanks by Sri K.V.V.Eswara Rao, Lecturer in Mathematics, SPACES Degree College
- National Anthem by all



E.CHANDRAIAH GARU ADDRESSING SPACES DEGREE COLLEGE STUDENTS



E.CHANDRAIAH GARU ADDRESSING SPACES DEGREE COLLEGE STUDENTS



FELICITATION TO E.CHANDRAIAH GARU



E.CHANDRAIAH GARU ADDRESSING SPACES DEGREE COLLEGE STUDENTS



రామానుజన్ చిత్రపటానికి నివాళులర్పిస్తున్న చంద్రయ్య

అవగాహన ఉంటే

లెక్కలు సులువే!

పాఠశాల పాఠశాల: ప్రతి ఒక్కరూ గణితంపై ఆసక్తి పెంచుకోవాలని జన విజ్ఞాన వేదిక వ్యవస్థాపక సభ్యుడు చంద్రయ్య పేర్కొన్నారు. స్పెషల్ డిగ్రీ కళాశాలలో శ్రీనివాసరామానుజన్ జయంతి ముసుగా జరిగింది రామానుజన్ చిత్రపటానికి పూలమాల వేసి నివాళులర్పించారు. సులువైన పద్ధతులపై అవగాహన వస్తే లెక్కల్లో రిక్కులను తేలిగ్గా పరిష్కరించవచ్చన్నారు. ఆనంతరం జాతీయ పురస్కార గ్రహీత చెన్నైరు చెందిన ఆచార్య ఆర్. శివరామన్ వీడియో కాన్ఫరెన్సు ద్వారా రామానుజన్ చేసిన ప్రయోగాలను విద్యార్థులకు వివరించారు. కె.వీ.పీ రాష్ట్ర అధ్యక్షుడు శ్రీమూర్తులురెడ్డి, ఎం.వీ.ఎస్ మూర్తి, చార్లర్ వీరాజు, భానుమూర్తి, సుబ్బారావు తదితరులు పాల్గొన్నారు.

Date : 22/12/2021 EditionName :
ANDHRA PRADESH
(VISAKHAPATNAM RURAL)
PageNo :

గణితంలో మెలకువలు గ్రహిస్తే మేలు

పాఠశాల పాఠశాల: గణితంలో సమస్యలను పరిష్కరించే విధానం తెలుసుకుంటే జీవితంలో సమస్యలు సులువుగా పరిష్కరించు కోవచ్చునని జన విజ్ఞాన వేదిక వ్యవస్థాపక సభ్యుడు, ప్రముఖ గణిత ఇండ్రజాలికుడు ఇ.చంద్రయ్య (ఆంధ్రల మామయ్య) అన్నారు. గణిత శాస్త్రవేత్త రామానుజన్ 134వ జన్మదినం సందర్భంగా శ్రీ ప్రకాష్ విద్యా సంస్థల అనుబంధ సంస్థ అయిన స్పెషల్ డిగ్రీ కళాశాలలో నిర్వహించిన

వేడుకల్లో ఆయన పాల్గొన్నారు. గణితాన్ని అవగాహన చేసుకునేలా సులువైన పద్ధతులను విద్యార్థులు నేర్చుకుంటే ఎంతో మేలు అని అన్నారు. గణితంలో జాతీయ పురస్కార గ్రహీత ఆర్.శివరామన్ విద్యార్థులకు గణితం విశిష్టత వివరించారు. వివిధ పోటీల్లో గెలుపొందిన వారికి బహుమతులు అందజేశారు. విద్యాసంస్థల ప్రిన్సిపాల్ ఎం.వీ.ఎస్ మూర్తి, కె.వీ.రాజు, వైస్ ప్రిన్సిపాల్ పి. సుబ్బారావు పాల్గొన్నారు.

REPORT ON NATIONAL MATHEMATICS DAY CELEBRATIONS-2021 @ SPACES

The only way to learn Mathematics is to do Mathematics!

Every year India celebrates National Mathematics Day on 22nd December to commemorate the birth anniversary of Indian Mathematical genius Sir Srinivasa Ramanujan for his substantial contribution to the world of Mathematics.

The celebration of this day motivates the youth towards Math. Organising events and programmes on this occasion boosts up the student talent and also helps eradicate 'Maths fever' in students.

With this motto the "Department of Mathematics" in SPACES Degree College, every year organizes events on this very special day. This all begins with the letter of proposal-acceptance by the Principal Dr. K.Veerraju by the Head, Department of Mathematics, P.Ch.V. Subbarao. By the acceptance of Principal, the further proceedings are carried out.

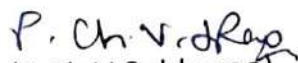
The celebrations are planned for two days event with screening & finals of Quiz competition, Play with Basics (a competition on quicker Maths) and a Guest lecture. A circular of agenda is sent to the students to announce the events.

The Quiz screening was scheduled from 10am to 10.30am on 20th December 2021 and the screening comprised of 25 questions. Top 4 teams are qualified for Quiz finals which was conducted from 1.30pm to 2.30pm on 21st December 2021. There was a healthy competition between the teams.

Screening test on "Play with Basics" was also conducted from 2pm to 3pm on 20th December 2021 and the finals were conducted from 3.30pm to 4pm on 21st December 2021.

Apart from Quiz & Play with Basics, a Guest lecture is arranged from 10.30am to 12.30pm on 21st December 2021 by Sri E Chandraiah garu, renowned Mathematician from Hyderabad. There was an interactive session with the students by the Chief Guest Sri E Chandraiah garu. He gave many tips and suggestions from his "Ocean of Wisdom". The students felt inspired and motivated.

The events conducted, the guest lecture held brought a positive strength in students. The celebrations truly motivated them and eradicate the fear of Maths in students.


(P.Ch.V.Subbarao)

Head, Department of Mathematics


(Dr.K.Veerraju)

Principal

PRINCIPAL
SPACES DEGREE COLLEGE,
PAYAKARAOPETA