



S.R.K.R. Engineering College

(Autonomous)

Campus Chronicle

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(Late) SriSagi Rama Krishnam Raju
SRKREC Founder

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Benediction

President's message...



As we cross yet another milestone with hard work and determination, we need to thank all the people who inspired us.

It is with great honor and humility that we remember the legacy of our beloved Founder, Late Sri Sagi Rama Krishnam Raju, for his unparalleled work towards helping the rural students realize their aspirations. With four decades of Herculean efforts, SRKREC made a mark of its own in the State of Andhra Pradesh.

It's our privilege to carry forward the vision and mission of the institution. Constantly engaged with curricular, co-curricular and research activities, the campus conceptualizes "Engineering, Empowerment and Excellence."

Caring and nurturing the inherent skills of every individual has always been and shall ever will be the culture of SRKREC. Our dedication and responsibility reflect in our efforts at every step. That is what makes SRKREC a true 'alma mater' – a fostering mother. Thus, we mentor and inspire our students to be our nation's pride.

I thank you all for being a part of SRKREC and wish you all the best.

Good luck to the Campus Chronicle.

S. Prasada Raju

Secretary & Correspondent's message...



"Scientists investigate that which already is; Engineers create that which has never been."

These words of Albert Einstein are the guiding lights in the progressive journey of SRKREC.

With Faculty par excellence and with infrastructure that rivals the best in the state, SRKREC offers a dynamic platform for students to achieve global standards in creativity and personality. Understanding is the essential element to integrate different facets of knowledge which culminates in innovation and invention. So, let us all -

Serve with Commitment,

Radiate with wisdom,

Kee up with the times,

Reap the rewards,

Enrich the skills,

Create new ideas.

Learning and sharing go hand in hand in knowledge acquisition. Harness your skills on the anvil of Engineering and become the architects of your own future. And in the process, remember that you are making the history of SRKREC!

Best wishes to all, cheers to the Campus Chronicle.

S.V. Ranga Raju

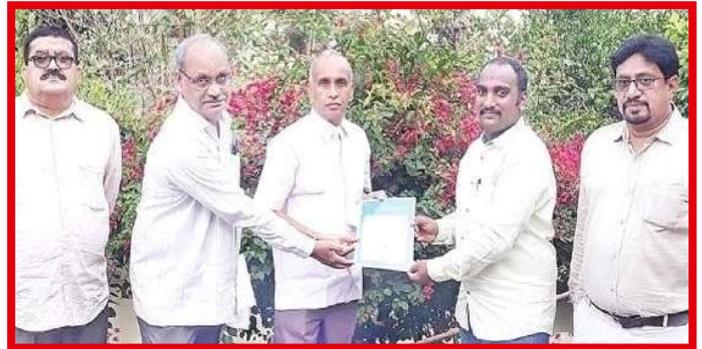
Meritorious Moments



Young Geotechnical Engineer Awardee

Winning the prestigious national level Young Geotechnical Engineer award, T. Vamsi Naga Raju, Assistant Professor in the Dept. of Civil Engineering, stood exemplary to all budding researchers. The Indian Geotechnical Society confers the award to young engineers every two years in recognition of their research in Geotechnology.

Mr. T. V. Naga Raju's research paper presented in the Geotechnical Society's National-level virtual conference hosted by Andhra University in Dec. 2020 won many accolades. SRKREC also received a silver plaque from the Society as a token of appreciation.



ISP Certification

P. Raju, Assistant Professor in the Dept of Civil Engineering, takes the pride of getting certified by the prestigious Austria-based International Society for Engineering Pedagogy (ISEP) after completing one of its prestigious International Certification courses.

Across India only 19 teaching faculty received this certification. The objective of this certificate course is to fine-tune the pedagogical skills of the Engineering faculty on par with the international standards so that they in turn train students effectively in various domains and instill in them a spirit of entrepreneurship and innovation.



Merit Scholarships

SRKREC readily supports and encourages the meritorious students. Accordingly, the final year students C. Susmitha, ECE, and N. Anjani Devi, CSE, are selected for Oruganti Sundari merit scholarship worth Rs. 25,000 each for their superlative efforts. The scholarship is constituted by one of the SRKREC alumni Oruganti Bharat, USA. The alumni are always one of the strong supporting pillars of SRKREC, making a mark of it in each of their progressive steps.



Discipline Star

Dr. N. Uday Kumar, Dean - Academics & Professor in the Dept of ECE, got special recognition as Discipline Star by NPTEL for Certification in Courses of ECE. Through his persevering effort Dr Uday Kumar has won personal distinction as well as accolades for SRKREC.

Meritorious Moments



P. Bharat Varma, Assistant Professor, Dept of Computer Science and Engineering, is awarded Ph.D from K. L. University. He worked with Prof. K. Subramanyam, K L University, Vijayawada, and Prof. A. Yesu Babu, C. R. Reddy Engg. College, Eluru, focusing on the topic entitled "Function Annotation of a Hypothetical Protein to Identify Druggable."

Kudos to Dr M. S. Varma and Dr P. Bharat Varma for their accomplishment and best wishes for their future research endeavors.



Research Guidance & Counselling

Most of the senior faculty in SRKREC are committed towards not only research publication but also research guidance. M. Pushpalata, one of the Ph.D students of Prof. R. Subba Rao, Dept. of Mathematics, successfully completed her Ph.D program making optimum utility of the Mathematics Research Center at SRKREC. Acharya Nagarjuna University conferred Ph.D on her.

The management and the leaders at the helm commended Prof. Subba Rao and Dr M. Pushpalata and encouraged them to carry forward their research to the next level.

Dr. V S S V K R Gupta, Asst. Professor in the Dept. of CSE is conferred Ph.D. degree from K L University. He worked on "Cluster formation and critical analysis of the Physio-chemical properties of selected breast cancer drugs" under the guidance of Dr. Ch V Phani Krishna.

Academic Milestones



The conducive research environment of SRKREC cultivates passionate research champions. It reveres the accomplishment of Mr. M. Srihari Varma, Assistant Professor, Dept of Computer Science and Engineering. He is conferred doctoral degree (Ph. D) by Acharya Nagarjuna University.

He worked under the guidance of Prof. C. V. P. R. Prasad on the topic entitled "Efficient Mining Framework to analyse and secure Outsourced Transactional Database."

TRAINING AND PLACEMENTS

Catering to the present needs of the students and the industry, apart from regular academic instruction, the Training & Placements Cell of SRKREC provides a strategic system of training to the students.

In the first quarter of 2021, the campus placements took a beginning and 78 students got placed in reputed companies such as HCL, Tech Mahindra, Achala IT solutions, Efftronics, NTT DATA etc. with a salary package ranging from Rs. 3.5 lakh to Rs. 8 lakh per annum.



50 Best Ranks in GATE - 2021

The success stories of students every year shine bright in the academic firmament, flying high the flag of SRKREC. In GATE 2021, Mr. C. Chaitanya secured all India 33rd rank in Computer Science category. Around 50 students scored ranks below 500 and 30 students got ranks below 1000.

In toto, SRKREC is once again credited with the best ranks in GATE-2021. The management and the faculty complimented the students.

SRKREC - *Winners of Smart India Hackathon 2020*



Interdisciplinary teamwork is ingrained in the academic fabric of the institution. The students from IT and EEE departments made headlines in Smart India Hackathon (Software Edition) 2020 conducted in August. The team of six students - Jagadeesh EEE, Harish IT, Uday IT, Vasantha IT, and Charisma IT - and two mentors Prof. M. Suresh Babu and Mr. Y. Siva Gopal successfully developed a software for jute workers and farmers within 36 hours of the Hackathon. They won all India First Prize and received one lakh prize money from AICTE.

Addressing the issue raised by the Jute Board, Ministry of Textiles, the team quickly developed an effective and user-friendly web-application and mobile app for income assessment of jute workers and farmers in the country. More than 5 lakh students across the country participated in the contest and 2 teams from SRKREC reached the Grand Finale on par with teams from various IITs, NITs and other premium institutes.



Milestones of Innovation

Online Housie Game

SRKREC on-campus start-up MCR Web Solutions has recently developed a unique web-based online Housie Game named BO Housie. Sri Sagi Nishant Varma, CEO SRKREC launched the game online on 20th April 2021.

The game can be played from anywhere using a mobile, laptop, or a tab. A team of first-year students named SIGMA is managing the game and soon, the team is planning to offer it to the public also.

iOS App Bhimavaram Online

A new version of the Apple iOS Mobile App of SRKREC E-commerce product Bhimavaram Online has been launched by Sri K Jeeva Sagar, Director SRKREC, on 20th April 2020.

Bhimavaram Online is serving the people of Bhimavaram and surrounding areas in the present pandemic by providing home delivery of various products including grocery, vegetables, fruits, meat, restaurant food, pickles, and many more. Currently, 7000+ users have downloaded the app from Android and iOS play stores and more than 3000 orders have been served.

Inauguration of Mathematics Research Laboratory

Research is one of the prime focuses of SRKREC hence, any facility necessitated by research comes alive in the campus. Since Mathematics is integral to all areas of knowledge, a new research laboratory named Dr. C.R. Rao Mathematics Research Laboratory is established. Researchers from any discipline can utilize this facility and can accomplish their research goals. Sri S. V. Ranga Raju, Secretary & Correspondent, SRKREC, inaugurated the Laboratory in the presence of Sri S.R.K. Nishanth Varma CEO, Prof. M. Jagapathi Raju, Principal, Prof. R. Subba Rao, HoD, Dept. of Mathematics, Dr. G.V.S.R. Deekshitulu, Professor of Mathematics, JNTU, Kakinada and others.



HIGH SPIRITS

NSS Rally Commemorating the Sacrifice of the Freedom Fighters



The NSS unit of SRKREC always works as a meaningful linkage between the College and the community and strives for the upliftment of the community. Saluting to the sacrifices of the freedom fighters, the NSS cadets organized a rally celebrating the 75 independence day with the title "Azadi Ka Amrut Mahotsav." With this event they took part in the initiative of Union Ministry of Human Resources and All India council for Technical Education. Prof. M. Jagapathi Raju, Principal, Prof. K. Brahma Raju, HoD, Mechanical Engineering, Sri. K. Prasad Raju, NSS Coordinator and others participated in the rally.



The Women Empowerment Cell (WEC) of SRKREC celebrated the Women's Day on 7th March 2021, emphasizing the essence of its theme "Choose to Challenge." Smt. G. Santhi, coordinator of WEC, detailed the objectives of the program. The chief guest, Sri. K. Jeeva Sagar, Retd. IFC officer, Ex-Indian Ambassador to Kuwait, presently the Director of SRKREC accentuated the virtues of womanhood and the challenges in life. Sri. S.R.K. Nishanth Varma, CEO, SRKREC, graced the occasion virtually. Sri S. V. Ranga Raju, Secretary & Correspondent, Prof. M. Jagapathi Raju, Principal, Prof. Bh V N Lakshmi, Dept. of T & P, and student leaders of various Chapters highlighted women achievements in all walks of life. On this occasion, WEC felicitated Dr. P. Bhavani, HoD, Chemistry, appreciating her efforts and commitment.



Awareness Program for *Women Safety*

In view of the rapid increase in crimes against women, The Women Empowerment Cell of SRKREC arranged a guest lecture titled "Awareness about women safety and preventive measures against the increased crimes" for the benefit of girl students and women faculty of SRKREC.

The chief guest Sri. R. Vijaya Kumar, CI of II Town, Bhimavaram, and other guests Sri A. Krishna Bhagavan CI of I Town, Bhimavaram and P. Ramababu SI are the resource persons for the event. The chief guest, Sri. R. Vijaya Kumar, apprised the audience about various issues like violence, Cyber-crimes against women, domestic violence, child marriages, trafficking and stealing personal information.



Purohitula Cricket League **PCL** in **SRKREC** playground

The state level Purohitula Cricket League (PCL) was held at S.R.K.R. Engineering College grounds from 21st to 27th March 2021. The local MLA Sri. Grandhi Srinivas inaugurated the cricket tournament on 21st March 2021. Hon'ble Justice B. Krishna Mohan, The High Court of Andhra Pradesh, attended the valedictory function as a chief guest on 27th March 2021. Total 16 teams participated in the tournament Sri. S.V. Ranga Raju, Secretary & Correspondent, SRKREC, and Prof. M. Jagapathi Raju, Principal, took part in both inaugural and valedictory programs.



RENDEZVOUS

WITH THE EMINENT

National Education Policy-2020 detailed by

Col. B. Venkat

Director

Faculty Development Cell, AICTE

As per directions of AICTE, SRKREC organized a webinar on "Implementation of National Education Policy (NEP) 2020" on 14th March 2021. The webinar is presided over by **Col. B. Venkat**, Director, Faculty Development Cell, AICTE, New Delhi. He addressed the gathering on the occasion.

He appreciated SRKREC for creating awareness on NEP-2020. He provided all with the insights of new NEP-2020 stating that the NEP- 2020 would recognize and foster the ability of each student and thus help in promoting holistic development. Around 282 faculty attended this webinar.



Col. B. Venkat



Sri. K. Jeeva Sagar



Prof. M. J. Raju

AICTE-Margdarshan-FDP



Prof. K.M Babu



Prof. J.V.R. Ravindra



Prof. R.V. Ranganath



Prof. M.J. Raju

One-Week Virtual Faculty Development Program on Outcome Based Education (OBE) and NBA Accreditation for TIER-II Colleges was organized from 29th March to 3rd April 2021, under AICTE – Margdarshan Scheme. Eight resource persons detailed the OBE and NBA accreditation processes. More than 250 members from both mentor and mentee institutions took part in the FDP.

Strategic Methods for Product Development -FDP

The department of Mechanical Engineering organized online Faculty Development Program on "Strategic Methods for Product Development" from 22nd to 27th Feb. 2021. Dr. Indradeep Singh, Professor, IIT Roorkee, stressed on the need for young engineers to explore rural issues and come-up with innovative ideas for the development of rural India. Around 80 participants actively took part in the program every day.



Dr. I. Singh

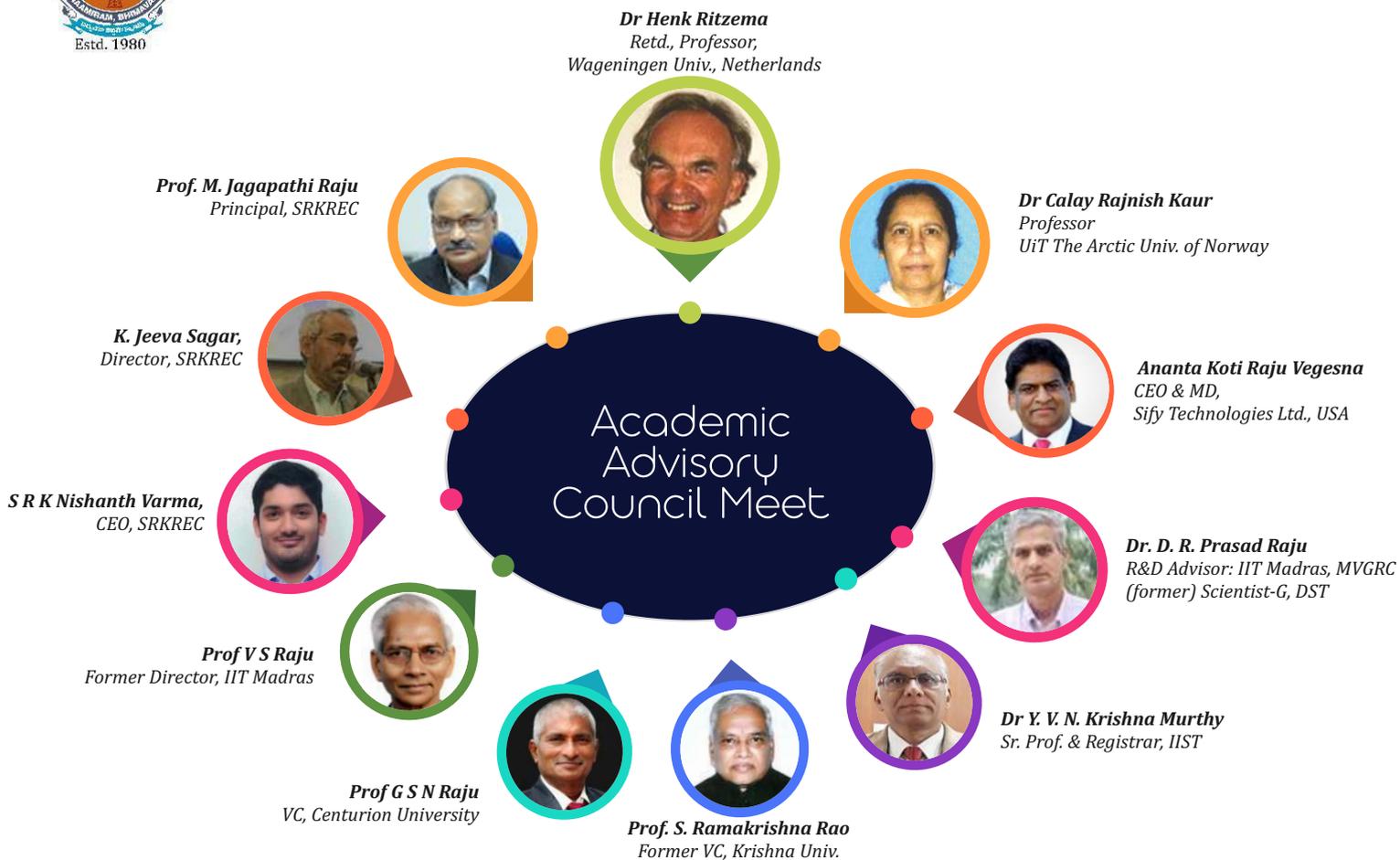


Sri. K. J. Sagar



Sri. SRKN Varma





Envisioned as annual meeting, the Academic Advisory Council of SRKREC provides strategic and external inputs on issues of key importance as the institution makes progressive strides.

It comprises the Management, the leaders of SRKREC and national and international experts from diverse fields. The Council meet took place on 2nd April 2021 and after reviewing the present practices and facilities, they made some invaluable recommendations and ushered in new ideas.

Present academic arena across the globe is suffused with a new form of culture in which knowledge is seen as fluid and evolving. The Advisory Council's signature recommendations complement the institution's mission by renewing its minds and methods to create personalized, project-based learning environments.

Virtual Student Workshop & FDP on Blockchain Technology



Prof. M. J. Raju



Sri. K. J. Sagar



Sri. A. Bhagalwal



Prof. Bh.V.S.R. Raju

The Department of Information Technology, in association with Tata Consultancy Services Limited, Hyderabad, organized online Student Workshop & Faculty Development Program on "Blockchain Technology with Hands on Approach" for 5 days from 8th to 12th Feb. 2021. Several experts stated that the blockchain technology would bring revolutionary changes in the banking and agriculture sectors. More than 100 members participated every day.

Workshops on Career Planning



Dept of EEE organized a workshop on Career Planning from 2 to 5 pm on 29th April 2021 for the second-year students. Prof. K.V Subbaraju gave essential inputs to the students.

Career plan is crucial for every person aspiring to become successful in life. It is a multi-stage process that needs to be thoroughly planned and executed to reap the desired benefits. Prof. K. V. Subba Raju gave insightful inputs on myriad aspects of career planning in various workshops organised by different departments in SRKREC.

Events in the recent past

Dept of CSE organized one-week virtual FDP titled "An Academic Perspective on Research (Best research practices, Project proposal writing, Funding Schemes and IPR" from 3rd August 2020 to 7th August 2020. 450 faculty participated across the country.

A six-day virtual workshop on "Robotic Process Automation" was organised by the Dept. of CSE for the students of SRKREC from 10th-15th Aug. 2020. Students actively participated.

Dept. of CSE organised one-week virtual FDP from 17th to 21st Aug. 2020 on " Outcome Based Education." Around 400 faculty participated and got benefitted.

Dept. of Engineering Mathematics & Humanities organized AICTE sponsored one-week online International Faculty Development Program on "Mathematical Prototypes and their Applications in Engineering & Science from 27th to 1st Aug. 2020.

Virtual FDP on "Design Thinking" from 24th -28th Aug 2020 was organised by the Dept. of CSE, 400 faculty across the nation registered for the program.



Mr. G. V. Krishnam Raju
Foreman, Dept of EEE
was felicitated on his superannuation in
the month of Feb. 2021.

**All the members of the Dept.
thanked him for his services and
amiable association.**



East & West Godavari Teacher MLC's Visit



Teacher MLC for both East and West Godavari districts Sri Shaik Sabiee visited the college on 23rd March 2021. He spoke about the problems of faculty that involved new fee structure of Engineering colleges. Further, he assured that these faculty issues would be brought to the notice of honorable Chief Minister Sri. Y. S. Jagan Mohan Reddy. Prof. M. Jagapathi Raju, Principal, Dr. K. Brahma Raju, HoD, Dept. of Mechanical Engineering, and others congratulated him on the victory in MLC elections.

Sri Mantena Ramaraju, MLA, Undi Constituency, visited the WET Centre on 12th March, 2021 to discuss the bad water quality of Godavari canals. He called upon the water and environmental scientists and suggested them to carry out an extensive research on Godavari water particles. He stated there is always surplus water available in Godavari region. However, it is not useful for drinking and it, furthermore, causes health hazards like cancer and other diseases. The WET Centre coordinator Prof. PARK Raju explained how earnestly the WET center is engaged in addressing these issues. Principal, Prof. Jagapathi Raju expounded that the role of WET Center in purifying the Godavari canals is highly essential and appreciable.

Undi MLA's Visit



Sri Grandhi Srinivas, MLA, Bhimavaram Constituency, visited the WET Centre on 12th March 2021, for seeking the experts' advice on the possibility of constructing two barrages down the stream of Dhavaleswaram barrage to protect the Delta area from saltwater coming from the sea and, to fully utilize Godavari waters. The WET Centre Coordinator, Prof. PARK Raju and Prof. M. Jagapathi Raju, Principal, briefed how WET Centre is rendering service to confront various societal problems.

Bhimavaram MLA's Visit



Hon'ble Justice B. Krishna Mohan, Judge, Andhra Pradesh High Court, visited Technology Centre on 27th March 2021. He interacted with some of the students working in the Technology Centre. The students explained how they carry out investigations in the Technology Centre. Sri S. V. Ranga Raju, Secretary & Correspondent, Prof. M. Jagapathi Raju, Principal, and others explained how strong the emphasis is on the research at SRKREC.

AP High Court Judge's Visit



CULTIVATING *Collaborations*

Industry Interaction Partnership Cell (IIPC)



The Industry Institute Partnership Cell (IIPC) has a new committee constituted this year (2021). In view of the New National Education Policy's emphasis on developing industry-ready skills in Engineering graduates, the IIPC has initiated partnerships with industries to help two-way interaction to benefit the faculty and students at the institute and serve the industry needs through training, research, development, and consultancy activities. The first meeting under the new committee was held on 18th Feb. 2021 at SRKREC.

The Secretary & Correspondent as well as the Principal of SRKREC represented the college in the MoU signing while the CEO and the Director of SRKREC joined the meeting virtually. The industry representatives were present at the meeting to sign the MoU. Some of the companies are enterprises set up by SRKREC alumni while some of them are companies incubated at the college.

Some other companies are pioneering industries of the region. The entrepreneurs are very much interested in taking SRKREC students as interns and mentoring them for participating in national and international level competitions and hackathons.

MoU with Byrraju Foundation



The IIPC signed an MoU with Byrraju Foundation (BRF) on 26th February 2021. The MoU signing took place at SRKREC in the presence of BRF and SRKREC staff. The Secretary & Correspondent as well as the Principal represented SRKREC and Sri Pullam

Raju and his colleagues represented BRF at the time of signing the MoU.

The CEO and the Director of SRKREC attended the event virtually while Sri K. Sridhar of BRF (Program Director) interacted virtually. Sri Pullam Raju and Dr. K. Brahma Raju, Professor and Head, Dept. of Mechanical Engineering, have addressed the gathering about the scope of collaboration between BRF and SRKREC. BRF offered a few ideas like Paddy Transplanting machine, Coconut harvesting machine, Water Quality Diagnostics in aquaculture etc., that could be developed jointly by BRF and the various departments of SRKREC.

The Dean, R&D, and Mr. Siva Kishan, Coordinator, IIPC, later visited the BRF office in Bhimavaram to discuss the modalities of collaboration between various departments in SRKREC and the action areas of BRF.

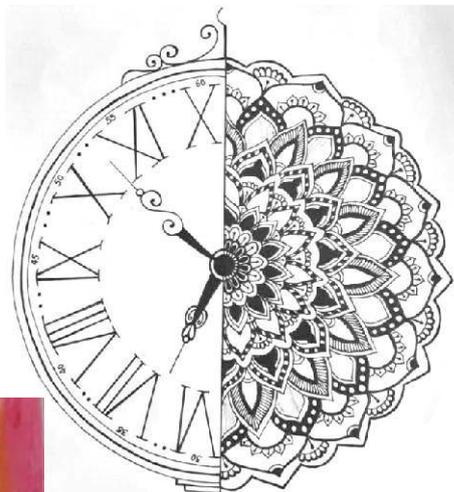
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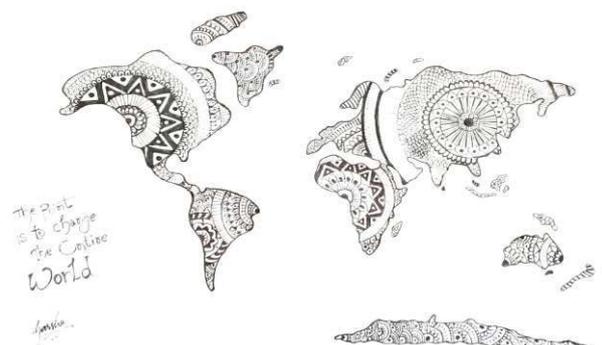
K. Dharani Sai Deepthi
3/4 CSE-B



A.V. Lakshmi Sravani
1/4 AI&DS



B. Harsha Vardhani
1/4 AI&DS



The Tough Time

K. Pranay Kashyap
3/4 ECE - C

Enclosed in a room,
Drawing patterns on the floor,
Missing the sounds of vroom,
Always in, with a closed door.

The virus is on its high,
About to conquer,
Death is nigh,
Making our lives darker.

There's always a hero to fight,
To kick the evil out of sight,
Doctors and Police are trying their best,
To protect us like a vest.

They asked us to rest,
To limit ourselves in our nest,
Can't we do these small things,
To get back our wings.



Golden nuggets of

S. Sai Charan, 3/4 Mech-D

Irony is,
A single 3 letter word EGO...
ruling our vast 4 letter word LIFE

If the argument is dragged further...
The word LIVE will also be dragged to LEAVE in
future

Dark, which blacks everything...
shows the true colour of life

Mosaic of Life

Prof. Bh V N Lakshmi

Far in the sky
twinkling stars adorn
the dark Night,
deep in the sleep
Dreams involuntarily colour
human mind.
Both quickly disappear
with dawning of light.
Bright in the day
Duty dresses
the routine,
human bonds and emotions
become illusive
as facades often are.
Night welcomes the truth
to stride nakedly;
Dreams excite the subconscious
to surface crazily;
Day challenges everyone
to discover wisely
the reality.
The interplay of
Night, Day and Dreams
reflect the mosaic of life.



Living after death ...
is what life, And it needs CHARACTER to claim.

Tears are part of us too...
But we shouldn't lose a part of us ...
because of tears.

If words and actions aren't on the same line ...
EMOTIONS will be irregular

The human foot is a
masterpiece of engineering
and a work of art.

Leonardo da Vinci



Estd. 1980

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