

SRI V.S.SIVALINGAM CHETTIAR GOVERNMENT DEGREE COLLEGE
SULLURPET, TIRUPATI DISTRICT, ANDHRA PRADESH

INNOVATION AND ECHOSYSTEM AND STARTUPS

Sri V.S. Sivalingam Chettiar Government Degree College provides an ideal environment for promoting innovation and incubation. Students are given direction and are provided with all necessary resources. In order to meet the requirements of society, students are encouraged to take part in using technology. Support is provided, among other things, for writing documentation, spreading research papers, and filing for patents.

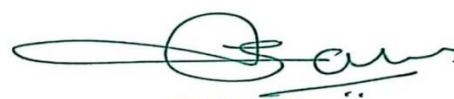
- There are planned awareness events, workshops, seminars, and guest lectures on entrepreneurship. Successful businesspeople who are authorities in their fields are available to speak with the students. Training is made available to increase consumer understanding of product marketing.
- The Incubation Centre's sole goal is to assist students in transforming their ideas into technological innovations. Facilities are made available to students so they can construct models beneficial for promoting science, technology, agriculture, and rural development. Cash prizes are given to students for the best models. Students are urged to develop their practical skills and increase their exposure to the workplace.
- A beginning was made to support our students and transform innovations into a crucial force for economic growth, and ideas and innovations have flowed steadily with the start-up since then. For the newest innovations, students started start-ups.
- Students are given financial aid so they can display their models at competitions held by other organisations, such as idea generation contests. The chance to learn skills needed for product commercialization is given to the students. In order to motivate the students, the local business owners are invited to speak.

- Students in the Botany department launched two start-ups with the help of the faculty, including mushroom farming and the creation of azolla bio fertilizers for farmers, opening the door for the students to become entrepreneurs in the future.
- The Zoology students established the production of manure on campus using various types of solid waste with the help of the lecturers. Ultimately, becoming a good entrepreneur and developing the habit of properly utilising various types of solid waste will be advantageous in the future.
- With the help of the faculty, the physics students created scientific models based on various topics. Some of the models are very useful for simplifying our daily lives. Some solar energy utilisation strategies place a limit on conventional power. The student-created sensor-based designs will also be very beneficial to society. The majority of students used the software they developed and operated to build their models. In the future, these models might be commercialised and accepted by society.
- The faculty in the departments of commerce and economics encouraged the students to start their own businesses after they finished their education by hosting workshops and entrepreneurial programmes and inviting notable individuals from reputable organisations.
- The majority of the female students received assistance from the women's empowerment cell in learning how to create various types of bangles, crafts, and designs at a low cost and sell them in the market to make money. They eventually start their own businesses and become self-sufficient.
- A research committee at the college monitors and resolves issues relating to research and development. The goal of the research committee is to give faculty and students hands-on experience in promoting innovation-driven activities at the college. In today's competitive, rapidly changing world, consider an incubator to be equally important.
- Twelve operational Memorandums of Understanding are in place at Sri V. S. Sivalingam Chettiar Government Degree College to support its students with training, internships, and job placements.

- Dr. V. Raja, Professor of Physics installed equipment in the Physics Laboratory for the creation and characterization of polymer thin films for the development of solid-state batteries, and it is currently providing guidance and support to researchers working on the use of polymer electrolytes for such batteries.
- Investigations have been carried out by Dr. V. Raja in collaboration with the physics departments at NBKR Science & Arts College and V.S. University in Nellore.
- In 2019 and 2022, Dr. Raja produced two Ph.D. graduates as a result of his supervision of Ph.D. candidates.
- Dr. V. Raja is a member in numerous international conferences as well as a member of the Scientific Technical Committee and Editorial Review Board for Physical and Mathematical Sciences.

START-UPS

Sr. No	Department	Activity	No. of students involved
1	Botany	Mushroom cultivation and azolla bio fertilizers	20
2	Zoology	Production of manure	20
3	Physics	Preparation models based on various themes	30
4	Commerce & Economics	Preparation of entrepreneurs	30
5	Women Empowerment Cell	Preparation of various types of bangles, crafts at a low cost	30


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