

SAMSKRUTI RESEARCH & DEVELOPMENT POLICY



SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

GHATKESAR (M), MEDCHAL DIST, HYDERABAD – 501301

TELANGANA, INDIA



Preamble:

Samskruti College of Engineering & Technology was established in 2005 by st.Vincent Educational Society, Samskruti College of Engineering and Technology represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of JNTUH University, Accredited NAAC with 'A' Grade.

Samskruti Engineering, Polytechnic, Pharmacy and Business Management Institutions are located in pollution free environment and natural surroundings at Kondapur Village, Ghatkesar Mandal, Medchal Dist (old Ranga Reddy Dist). It is at centre of the city, just 1 Kilometer away from the Hyderabad-Warangal highway near by Ghatkesar and 18 kms from Secunderabad/Hyderabad and connected by TSRTC Bus Routes from various prominent localities of Twin Cities.

Samskruti College of Engineering and Technology, in its 19 years of existence, is a reputed institution in the State of Telangana. The College follows the University norms and has required number of faculty in both ratio and cadre wise. Samskruti College of Engineering and Technology has emerged into a center of excellence in engineering education.

Vision:

To create a conducive environment for fostering innovation, incubation, excellency in research, collaboration and IPR facility, providing the solutions for the societal problems.

Mission:

1. To create knowledge about enhanced research productivity by a greater number of research papers and patents.
2. To encourage innovative research by providing incubation and skill development programs.
3. To encourage Product Development of the idea and entrepreneurship useful to the society.
4. To encourage collaboration learning, collaborations with the industries and to follow sustainable ethics.

Research and Development (R&D) Committee:

The Research and Development (R&D) Committee plays a pivotal role in fostering innovation, technological advancement, and product development within an organization. It actively encourages the creation of research papers, patents, and innovations, while supporting the incubation of new ideas and startups. Additionally, the R&D Committee focuses on writing research proposals to secure funding from various government and non-government agencies, thereby facilitating the continued growth and development of the organization.

Research Advisory Committee

Research Advisory Committee has been formulated to take care of the research activities in the college. The Committee composition is given below

S.No.	Name of the Expert	Designation	Department	Role/Position
1	Dr.P.Janaki Ramulu	Principal	SCET	Chair Person
2	Dr.M.Ramakanth Reddy	Director	SCET	Member
3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Mr.K.Shiva Keshava Reddy	Professor	CSE	Member
5	Dr.V.Shiva Narayana Reddy	HoD	CSE	Member
6	Dr.A.Anil Kumar Reddy	HoD	CSM	Member
7	Dr.K.Vanisree	HoD	ECE	Member
8	Dr.M.Rajeswara Reddy	HoD	H & S	Member
9	Dr.M.Pavani	HoD	MBA	Member
10	Dr.M.Hari Prasad	HoD	Mechanical	Member
11	Dr.P.Subhashini	Asst. Professor	H & S	Member
12	Dr.Vijay Babu	Professor	Mechanical	Member
13	Mr.K.Vamshi Krishna	Asst. Professor	IQAC	Member
14	Mr.Mastan	AO	Admin	Member

The Samskruti R&D policy has been introduced with a focus on five major areas, each supported by dedicated committees to guide individuals and initiatives ensuring compliance with UGC guidelines. All of these committees will work under Research Advisory Committee.

Roles and Responsibilities:

- Identifying research opportunities for the faculty members, setting the goals to all faculty members and getting the work done based on the targets.
- To organize various events and boot camps to encourage the students towards innovations.

- Developing innovation and incubation in the organization by conducting the hackathons, makathons, appathons and ideathons.
- To encourage students for product development by providing seed grants, start-ups, there by establishing the industry and commercialization of the products.
- To encourage all the faculty members to publish research papers, file patents and apply for research proposal for grants.
- To encourage faculty members to attend and organize FDP, SDP and PDPs for self-development and development of the organization.
- Establishment of incubation centres for students and cater of excellence for the faculty on various domains.
- Formation of groups based on the domains to encourage research work of the faculty.
- Concentrate on collaboration and networking with outside the campus and industries.
- To prepare short term and long-term goals for the development of R & D.

These various committees are:

1. **Finance and Infrastructure:** Focuses on securing and managing financial resources and building the necessary infrastructure to support R&D activities.
2. **Research Program and Policy Development:** Responsible for formulating and developing research programs, setting policies, and ensuring alignment with organizational and academic goals.
3. **Collaboration and Community:** Promotes collaboration with external institutions, industry partners, and the wider community to foster innovation and knowledge exchange.
4. **Product Development and Commercialization:** Concentrates on the development of new products and technologies, as well as their commercialization to meet market needs.
5. **IPR, Legal, and Ethical Matters:** Addresses intellectual property rights (IPR), legal considerations, and ethical standards in research.

Finance and Infrastructure Committee

The finance and infrastructure committee is formulated to take care of the necessary finance resources and infrastructure required for R & D activities.

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1	Dr.P.Janaki Ramulu	Principal	SCET	Chair Person
2	Dr.M.Ramakanth Reddy	Director	SCET	Member
3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Mr.K.Shiva Keshava Reddy	Professor	CSE	Member
5	Dr.M. Pavani	HoD	MBA	Member
6	Mr.Purushottam Reddy	Admin	SCET	Member
7	Mr.Mastan	HoD	Admin	Member

Roles and Responsibilities:

The Financial and Infrastructure Committee is to take care of the

- Financial planning and budget allocation for Research & Development.
- Providing the required infrastructure such as space, seminar halls with projectors and required set of equipment.
- Review and approval of capital for various events like hackathons, ideathons and incubations programs etc.
- Approval of financial resources to various faculty for proposal submission, FDPs etc.
- Audit of the above twice in year.

Research Programmes & Policy Development

This committee is formulated to develop the R & D policy and to prepare annual calendar for R & D activities.

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3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Dr.K.Vanisree	HoD	ECE	Member
5	Dr.P.Subhashini	Asst. Professor	H & S	Member
6	Mr.K.Vamshi Krishna	HoD	IQAC	Member

Roles and Responsibilities:

- To Identify key research areas and emerging fields to drive innovation and academic excellence.
- Formulate and review research policies and guidelines, ensuring that policies are up-to-date, ethical, and in compliance with regulations and addressing of emerging issues and trends in the research landscape.
- To attain the above parameters research incentive policy has been formulated and informed to all the faculty members.
- Oversee the planning, execution, and evaluation of research programme and make sure the proper executing of the program.

- Engage with stakeholders (Students) to understand their needs and priorities, communicate their goals, progress, and outcomes and to ensure that stakeholder feedback is incorporated into research programmes and policies.

Collaboration & Community

The collaboration & Community is to interact with the industries and prepare MoUs for the development of the institution. The committee is given below.

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1	Dr.P.Janaki Ramulu	Principal	SCET	Chair Person
2	Dr.M.Ramakanth Reddy	Director	SCET	Member
3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Dr.A.Anil Kumar Reddy	HoD	CSM	Member
5	Mrs.Neelam Singh	HoD	TPO	Member
6	Mr.P.Arun Reddy	Head	L & D	Member

Roles and Responsibilities:

The major areas include

- The partnerships (MOU) with various industries i.e. collaborations, networking.
- Resource sharing and support.
- Supporting the stake holders to attend the regular meets with like minded people to encourage innovations.
- Notifying the stakeholders on time to time about the opportunities in funding and encouraging them to apply and avail it.

Product Development, Monitoring and Commercialisation

The development of products and commercialization of startups are taken care with this committee. The committee members are

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3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Dr.A.Anil Kumar Reddy	HoD	CSM	Member
5	Dr.V.Sandeep Kumar	HoD	ECE	Member
6	Dr.M.Hari Prasad	HoD	Mechanical	Member

Roles and Responsibilities:

The major focusing area are

- Oversee the translation of research findings into new product concepts, ensuring they align with market needs and organizational goals and guiding the development of prototypes, ensuring they are tested for performance, safety, feasibility, and scalability.
- To conduct the survey of the product in the market and check for the feasibility, whether the product can fit in to the market or not.
- To take care of IP management for commercialization of the product.
- To maintain ethical standards during the product design.
- To ensure that the product is useful for the society in a huge and solve the day to day problems.

IPR, Legal & Ethical Matters

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2	Dr.M.Ramakanth Reddy	Director	SCET	Member
3	Dr.K.Shashidhar	Head R & D	ECE	Director- RDC
4	Dr.Hafeez Basha	Advisor	ESCI	Member
5	Dr.Anil Kumar Sahu	MD	Inquizita on lab india Pvt. Ltd.	Member
6	Mr.Mohan Reddy	MD	Criztone technology Pvt. Ltd.	Member

Roles and Responsibilities:

- To encourage for more no. of IPRs to help the society and for further development of the country.
- To develop and implement strategies for the protection of intellectual property, including patents, trademarks, copyrights, and trade secrets, monitor and enforce intellectual property rights to prevent unauthorized use or infringement.
- To monitor changes in legislation and assess their impact on the organization and to provide legal advice and support to various departments and teams within the organization.
- To ensure that ethical considerations are integrated into decision-making processes and to address ethical issues and dilemmas that may arise within the organization.