



Research and Development Policy

1. Introduction and Purpose

The research and development (R&D) policy of the Sasi Institute of Technology & Engineering (SITE) is designed to promote a culture of research excellence and innovation among our faculty members and students. The purpose of this policy is to provide a framework for conducting research and development activities that align with the college's vision, mission, and goals.

2. Scope and Objectives

This policy applies to all faculty members and students of SITE who are engaged in research and development activities. The objectives of this policy are to:

- Promote high-quality research that contributes to the advancement of knowledge and the development of new technologies.
- Encourage interdisciplinary research collaborations and partnerships with industry and other institutions.
- Develop and sustain research infrastructure and facilities that support cutting-edge research and development activities.
- Foster a culture of research excellence and innovation among faculty members and students.
- Promote ethical and responsible conduct of research and development activities.

3. Research and Development Strategy

SITE research and development strategy is based on the following principles:

- Foster a culture of research excellence and innovation.
- Build and maintain world-class research infrastructure and facilities.
- Encourage interdisciplinary and collaborative research.
- Promote research in emerging and high-impact areas.
- Engage with industry and other stakeholders to address real-world problems and challenges.

- Encourage faculty members and students to seek external funding and grants for research projects.
- Provide mentoring, training, and professional development opportunities to faculty members and students.

4. Research Funding and Grants

SITE encourages faculty members and students to seek external funding and grants to support their research and development activities. It provides support and guidance to faculty members and students in identifying funding sources and preparing grant proposals. A separate seed money grant policy is framed.

5. Research Ethics and Integrity

SITE is committed to upholding the highest ethical and professional standards in research and development activities. It promotes responsible conduct of research and development activities and complies with all applicable laws, regulations, and ethical standards.

6. Intellectual Property Rights

SITE recognizes the importance of protecting intellectual property rights (IPR) resulting from research and development activities. It provides guidance and support to faculty members and students in protecting and managing IPR.

7. Research and Development Infrastructure

SITE is committed to developing and sustaining world-class research infrastructure and facilities that support cutting-edge research and development activities. It provides necessary resources, equipment, and facilities to faculty members and students to support their research and development activities.

8. Reporting and Monitoring

SITE regularly monitors and reports on research and development activities to ensure compliance with this policy and to measure the impact and outcomes of research projects. It encourages faculty members and students to disseminate their research findings through publications, presentations, and other appropriate channels.

This research and development policy provides a framework for promoting research excellence and innovation among faculty members and students of SITE. It is designed to


foster a culture of research and development, promote interdisciplinary collaborations and partnerships, and support cutting-edge research infrastructure and facilities.


Research Proposal Review Process:

This process is typically designed to ensure that proposed research projects are well-conceived, scientifically sound, and ethically responsible. The review process is typically rigorous and involves multiple stages of review and approval by various stakeholders, including faculty members, department heads, administrators, and research ethics committees.


Dean - R&D
Dr. C.H. Shrivastava
Professor in Physics Department
of Applied Science & Humanities
Sasi Institute of Technology & Engineering
Tadepalligudem-534 101




Principal
Principal
Sasi Institute of Technology &
Engineering (A),
TADEPALLIGUDEM. W.G.Dist., A.P.


Principal
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Tadepalligudem, W.G.Dt., A.P.



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Administrative Office

Ref: SITE/AO/IQAC/06/2022-23/33

Date:09.12.2022

OFFICE ORDER

Sub: Constitution of Research, Development & Consultancy Committee for A.Y 2022-2023- reg..

Ref: From Prof. Mohammed Ismail Principal

A Research and Development cell has been constituted with the following members, to look after the research and development activity in the institution. The committee also creates and develops research activities among faculty and students

There is hereby established and constituted a committee to be known as the R & D cell, to exercise the duties and powers and to perform the functions hereafter described

Chair

Director, SITE	Dr. K Bhanu Prasad	Chairman
Principal	Prof.Mohammed Ismail	Special Invitee

S.No.	Department	Name of the Authority	Role
1	Dean R & D	Dr. Ch.Srinivas	Coordinator
2	ME	Mr.S.Sriram	Member
3	IT	Dr.K.Subhash Bhagavan	Member
4	AS&H	Dr.M.Deepthy	Member
5	ECE	Dr. G.Naveen Kishore	Member
6	CSE	Dr.K.S.N.Prasad	Member
7	CE	Dr. Ch Tirupathi	Member

The Research Advisory Committee shall discharge the following functions:

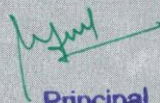
1. Monitor the research progress in terms of publications and Sponsored Research of College.
2. Review and monitor the status of Internal Funding, Incubation centre, Start ups.
3. Identify and promote Excellency centers and SITE Journals.
4. Monitor and review the patents of SITE.
5. Discuss strategies for strengthening and promotion of Research in SITE
6. Recommend the budget for the purchase of equipments, Internal Funding, Excellency centres etc.

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7. To coordinate the research and consultancy activities among the departments in the college.
8. Scrutinize the research projects submitted by the faculty members, and recommend the deserving projects to the appropriate funding agencies for financial support.
9. To gather advertisements calling for PhD admissions and circulate to the faculty members interested in pursuing higher education.
10. To monitor the progression of PhD pursuing faculty members and facilitate them in completion of their experimental work and in preparing their paper publications, report writing etc.,
11. To conduct Induction/Refresher FDPs.
12. Scrutinize the students' project proposals to various agencies for financial support and recommend the suitable projects.

Objective:

1. The RAC assists to achieve mission, vision of college by effective operation of research programme of faculty and students by assigning subcommittee roles to each of the member for smooth working of activities to be conducted in an academic year.
2. RAC shall plan and develop broad objectives for research including research proposals to various funding bodies, MOU involved therein, as well as should evaluate the extent to which the research programme has met its objectives
3. Providing consultancy services in the emerging research areas to the industries.
4. Conducting various Faculty Development programs, Workshops, Conferences and Seminars related to R&D with the association of various agencies like CSIR, ISTE, and AICTE.
5. Providing technical training to staff and students in different areas with the expertise available in the college as well as external experts.
6. Examine the applications received from the faculty members/students for patents/awards and recommend to the authorities concerned.
7. Examine the research consultation projects and recommend the suitable projects.
8. The development of infrastructure conducive to promoting the quality and quantity of research and development.
9. The quality of postgraduate education to be brought up to a. An evaluation of PG program to be carried out by the R&D committee.
10. To foster the development of multi-disciplinary research endeavors across faculty members and departments.
11. Providing research experience for students during their studies.



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Roles and Responsibilities of Members:

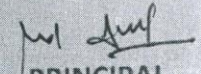
- 1) To gather details of FDPs/Seminars/Workshops/Symposia conducted by reputed organizations to submit the same to Principal through the R&D Cell.
- 2) To collect information regarding PhD Programs offered by reputed universities.
- 3) To coordinate department level R&D activities like guest lectures by scientists.
- 4) To prepare and maintain documents like research proposals, papers published, and achievements of senior faculty members related to department concerned.
- 5) To collect information of refereed/SCI/Scopus listed journals.
- 6) To help new staff members in refining their research proposals/research papers communicated.

Meeting Schedule

- The R&D cell will meet twice in month, i.e. 7th and 21st of every month.

Reporting:

- The R&D cell will report to the principal by the way of its minutes.


PRINCIPAL

PRINCIPAL
Sasi Institute of Technology & Engineering
TADEPALLIGUDEM - 534101
West Godavari District (A.P.)

CC To:

- Mail & Hard copy to: Hon'ble Chairman, SITE
- Mail & Hard copy to: Hon'ble Vice-Chairman, SITE
- Mail & Hard copy to: Director, SITE
- Mail & Hard copy to: Principal polytechnic
- Mail & Hard copy Dr.Ch.Srinivas Deaa R&D & Coordinator
- Mail & Hard copy to: Dean Academics/ R & D /Student affairs/ICT & ITL
- Mail & Hard copy to: HoD's.. CE/ME/CSE/IT/CST/ECE/ECT/EEE/ AS&H /MS/AI & ML
- Mail copy to: Exam. Section/Automation/Central Library/IQAC/AO/Transport/Hostels/Placement/Training
- Mail to: Individuals Concerned/all faculty members



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Office of Research & Development


Academic Year 2022-23


No. SITE/DR&D/RDCC/2022-23/Circular No.01

Date: 23.01.2023

The Research Development & Consultant Committee (RDCC) is scheduled to meet on 23/01/2023 at 3 PM in board room to discuss the modalities of the following

01. Seed money disbursement to carry out project work in emerging trends.
02. Award of projects based on the novelty of the proposal submitted. The projects are a part of IEDC funding



Ch. Srinivas
Professor in Physics Department
Dean R&D
Sasi Institute of Technology & Engineering
All Depts. TADEPALLIGUDEM-534 101


Principal
Sasi Institute of Technology & Engineering (A)
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Dean Academics	Dean Student Affairs	Dean R&D	Dean-ICT & ITL	Coordinator	HOD (CE)	HOD (EEE)
HOD (ME)	HOD (ECE)	HOD (ECT)	HOD (CSE)	HOD (CST)	HOD (IT)	HOD (AS&I)
HOD (M.S)	HOD (AI&ML)	Director CDC	Director Placements	Admin. Office	Cash Section	Accounts
Exam Cell	Library	Books Stores	PD	Transport Coordinator		

CC:To:

Vice Chairman – for kind information
Chairman – for kind information


Principal
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Academic Year 2022-23

Minutes of meeting for the award of projects under IEDC funding

Minutes of meeting held on 23/01/2023 in the board room at 3.00 PM about the award of projects under IEDC funding.


Agenda:

01. Review of proposals submitted by different departments


Resolutions:

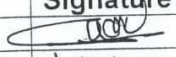
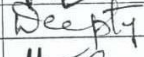
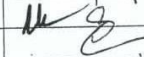

After thorough review of the different proposals the following are selected for novelty.

S.No	Name of the mentor	Department	Project title
1	Mr.S.N.V.P Raviteja	ECE	Automatic Medicine Vending System
2	Mr.Y. V. Bhavani Sai Kumar	CE	Production of M20 grade of concrete replacing coarse aggregates with crushed concrete specimens and construction waste
3	Mr.A. Prasad	EEE	Automatic Feeder system for Aqua Pond
4	Mr.Aswini Kumar	EEE	Smart Solar Panel Cleanser
5	Mr. M. Vinod Kumar	ECE	Augmentation of heat transferrate using Nano fluids in Tube-in -Tube Heat Exchanger with various geometric tapes inserted at unlike flow rates.
6	Mr.Ch.L S S Pavan Kumar	ECE	Multi Sport Court lines
7	Dr Damoder Reddy	ECE	Design of Solar PV-basedSprayers for Agriculture
8	Dr Naveen Kumar. G	ME	Retrofit petrol vehicle to electric vehicle- Retro EV
9	Dr Teki Vamsee Krishna	EEE	Design and analysis of Rotor Technology for electric Vehicle application


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10	Mr G. V. Apparao	EEE	Hybrid Controlled smart Wheel Chair
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 Dean R&D
 Dr. Ch. Srinivas
 (Dr. Ch. Srinivas)
 Department
 of Applied Science & Humanities
 Sasi Institute of Technology & Engineering
 TADEPALLIGUDEM-534 101

S.No.	Name	Designation	Department	Signature
01	Dr.K. Bhanu Prasad	Director	Chairman	
02	Prof. Mohammed Ismail	Principal	Special Invitee	
03	Mr.S.Sriram	Member	ME	
04	Dr.K.Subhash Bhagavan	Member	IT	
05	Dr.M.Deepty	Member	ASH	
06	Dr.G.Naveen Kishore	Member	ECE	
07	Dr. K.S.N.Prasad	Member	CSE	
08	Dr.Ch.Tirupathi	Member	CE	



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Date: 25.01.2023

From

Dr. Ch. Srinivas
Dean R&D,
Sasi Institute of Technology & Engineering,
Tadepalligudem – 534101, W.G.Dt.

To


The principal,
Sasi Institute of Technology & Engineering.
Sir,

Sub: Request for the approval of proposals recommended under IEDC – Regd.
Ref:No: SITE/DR&D/RDCC/2022-23/Circular No.01, dated 23.01.2023.

In the meeting conducted for the award of projects under IEDC 23.01.2023 at 3.00 PM, the following proposals have been provisionally agreed by committee to provide funding under NewGen-IEDC for the support of research activity. I am, therefore submitting a letter for the approval of proposal and sanction. The detail of the proposals listed in a table format is enclosed.

Thank You

Approved
Sanction of 2,50,000/- is
awarded to each
project.


Principal
Sasi Institute of Technology & Engineering (A)
Tadepalligudem, W.G.D. A.P.

Yours sincerely,
(Dr. Ch. Srinivas)

Dr. Ch. Srinivas
Principal, R&D Department
Sasi Institute of Technology & Engineering
Tadepalligudem, W.G.D. A.P.

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4	Mr.Aswini Kumar	EEE	Smart Solar Panel Cleanser
5	Mr. M. Vinod Kumar	ECE	Augumentation of heat transferrate using Nano fluids in Tube-in -Tube Heat Exchanger with various geometric tapes inserted at unlike flow rates.
6	Mr.Ch.L S S Pavan Kumar	ECE	Multi Sport Court lines
7	Dr Damoder Reddy	ECE	Design of Solar PV-basedSprayers for Agriculture
8	Dr Naveen Kumar. G	ME	Retrofit petrol vehicle to electric vehicle-Retro EV
9	Dr Teki Vamsee Krishna	EEE	Design and analysis of Rotor Technology for electric Vehicle application
10	Mr G. V. Apparao	EEE	Hybrid Controlled smart Wheel Chair

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Dr. Ch. Srinivas
Dean R&D



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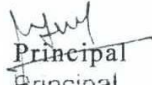
pDate: 02.02.2023

Sanction Letter for selected projects under IEDC

Sub: Sanction of projects selected under IEDC – Reg.

On the recommendations of Research Advisory and Consultancy Committee (RACC) for Academic Year 2022-23, the following projects are approved to carry out the work. The projects need to be timely completed and the account settled.

CC:To:
Concerned Mentors
HoDs
Vice Chairman – for kind information
Chairman – for kind information


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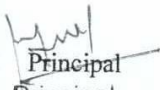
List of Sanctioned IEDC Projects for A.Y. 2022-23

S.No	Name of the Mentor	Department	Project title	Project Code
1	Mr.S.N.V.P Raviteja	ECE	Automatic Medicine Vending System	SITE-NGI-PRJ55
2	Mr.Y. V. Bhavani Sai Kumar	CE	Production of M20 grade of concrete replacing coarse aggregates with crushed concrete specimens and construction waste	SITE-NGI-PRJ56
3	Mr.A. Prasad	EEE	Automatic Feeder system for Aqua Pond	SITE-NGI-PRJ57
4	Mr.Aswini Kumar	EEE	Smart Solar Panel Cleanser	SITE-NGI-PRJ58
5	Mr. M. Vinod Kumar	ECE	Augumentation of heat transferrate using Nano fluids in Tube-in -Tube Heat Exchanger with various geometric tapes inserted at unlike flow rates.	SITE-NGI-PRJ59
6	Mr.Ch.L S S Pavan Kumar	ECE	Multi Sport Court lines	SITE-NGI-PRJ60
7	Dr Damoder Reddy	ECE	Design of Solar PV-based Sprayers for Agriculture	SITE-NGI-PRJ61


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8	Dr Naveen Kumar. G	ME	Retrofit petrol vehicle to electric vehicle-Retro EV	SITE-NGI-PRJ62
9	Dr Teki Vamsee Krishna	EEE	Design and analysis of Rotor Technology for electric Vehicle application	SITE-NGI-PRJ63
10	Mr G. V. Apparao	EEE	Hybrid Controlled smart Wheel Chair	SITE-NGI-PRJ64


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