

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE, New Delhi& Affiliated to JNTUA, Ananthapuramu)
(Accredited by NBA for Civil, EEE, Mech., ECE & CSE)
(Accredited by NAAC with 'A' Grade)
Puttur -517583, Chittoor District, A.P. (India)

SUMMARY

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research through the following:

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Puttur -517583, Chittoor District, A.P. (India)

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

1. Inclusion of research ethics in the research methodology course work

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY::PUTTUR (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING MASTER OF TECHNOLOGY THERMAL ENGINEERING (ME) COURSE STRUCTURE (I & II YEAR)

I YEAR I SEMESTER

S NO.	COURSE CODE	SUBJECT	L	Т	P	C
1.	20HS0823	Research Methodology and IPR	2	-	-	2
2.	20ME3101	Thermodynamics and Combustion	3	-	-	3
3.	20ME3102	Advanced Fluid Dynamics	3	-		3
		PROGRAMME ELECTIVE-I				
	20ME3112	Nuclear Engineering				
4.	8,		3	-	-	3
20ME3114		Energy Management in Thermal Systems				
	0.0	PROGRAMME ELECTIVE-II				
5.	20ME3115	Air Conditioning System Design				
		Jet Propulsion and Rocketry	3	-	-	3
1.5	20ME3117	Fuels and Combustion				
6.	20ME3103	Thermal Engineering Lab	-	-	4	2
7.			-	-	4	2
		AUDIT COURSE-I				
8.	20HS0818	English for Research Paper writing	3	-	-	-
		Contact Periods / Week	17	-	8	18
		Contact Periods / Week	Tota	l/Wed	ek 25	10

I YEAR II SEMESTER

S NO.	COURSE CODE	SUBJECT	L	T	P	C
1.	20ME3105	Advanced Heat Transfer	3	-	-	3
2.	20ME3106	Steam Engineering	3	-	-	3
		PROGRAMME ELECTIVE-III		***		16.
	20ME3118	Refrigeration and Cryogenics				
2	20ME3119 Design of Heat Exchangers		3	-	-	3
20ME3120 Cryogenic Engineering		Cryogenic Engineering				
		PROGRAMME ELECTIVE-IV				10 A-1-
	20ME3121	Computational Fluid Dynamics				
4.	20ME3122	Modeling of IC Engines	3	-	-	3
	20ME3123	Instrumentation for Thermal Engineering				
5.	20ME3107	Computational Fluid Dynamics Lab	-	-	4	2
6.	20ME3108	Thermal Engineering Lab (Virtual Lab)		-	4	2
7	20ME3109	Mini-Project		-	4	2
		AUDIT COURSE-II	1,000	5111		

8	20HS0829	Constitution of India	3	-	-	-
			15	-	12	
Contact Periods / Week		To	tal/W	/eek	18	

II YEAR I SEMESTER

S. No	COURSE CODE	SUBJECT	L	Т	P	C
		PROGRAMME ELECTIVE-V				
	20ME3124	Design of Solar and Wind System				
1.	20ME3125	20ME3125 Finite Element Methods in Thermal Engineering] -	3
	20ME3126	Thermal Measurements and Process Control				
77		OPEN ELECTIVE				
	20HS0824	Business Analytics				
	20CE1028	Cost Management of Engineering Projects	3 -			
2.	20EE2128	Waste to Energy			1 - 1	3
2.	20ME3026	Industrial Safety				
	20ME3027	Advances in Operations Research			- 1	
	20ME3028	Composite Materials				
3.	20ME3110	Dissertation Phase – I	V=	-	20	10
		Contact popioda/wasts	6	-	20	16
		Contact periods/week	Tota	l/We	ek 26	16

II YEAR II SEMESTER

		Contact periods/ week	Total/Week 32		10	
		Contact periods/week		-	32	16
1.	20ME3111	Dissertation Phase – II	-	-	32	16
S.No	COURSE CODE	SUBJECT	L	T	P	C

Total Number of Credits= 18 +18+16+16 = 68

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY :: PUTTUR (AUTONOMOUS)

I M.Tech.- I Sem.

LTPC

2 - - 2

(20HS0823) RESEARCH METHODOLOGY AND IPR

COURSE OBJECTIVES

The objectives of this course:

- 1. Understand some basic concepts of research and its methodologies.
- 2. Identify and discuss appropriate research topics, select appropriate research design, and implement a research project.
- 3. Understand the method of research writing and presenting research report and proposal
- 4. Provide an understanding on the importance of intellectual property rights
- 5. Understand the intricacies of grant of patent, patentability, licensing and revocation at national and international level.

COURSE OUTCOMES (COs)

On successful completion of this course, the student will be able to

- 1. Explain the key concepts and issues in research and basic framework of research process.
- 2. Formulate appropriate research problem and implement suitable research design for the research problem.
- 3. Identify various sources of information for literature review and data collection.
- 4. Develop an understanding of ethics in conducting applied research and make use of components of scholarly writing in report preparation.
- 5. Identify different types of Intellectual Properties (IPs), the right of ownership, scope of protection as well as the ways to create and to extract value from IP.
- 6. Recognize the crucial role of IP in organizations of different industrial sectors for the purposes of product and technology development.

UNIT-I

Research Methodology: Meaning, Objective and importance of research - Types of research - steps involved in research - Motivation in Research, Types of Research - Significance of Research - Research Methods versus Methodology - Importance of Knowing How Research is done - Research Process - Criteria of Good Research defining research problem - Errors in selecting a research problem

UNIT-II

Research Design and Data Collection: Research design - Different Research Designs - Effective literature studies -Classification of Data - Methods of Data Collection - Sampling - Sampling techniques, procedure and methods - Ethical considerations in research - Responsibility of ethics in research.

UNIT-III

Research Report Writing: Effective technical writing, how to write report, Paper Developing a Research Proposal, Format of research proposal, a presentation and assessment by a review committee.

UNIT-IV

Nature of Intellectual Property: Patents, Designs, Trade and Copyright. Process of Patenting and Development: technological research, innovation, patenting, development. International Scenario: International cooperation on Intellectual Property. Procedure for grants of patents, Patenting under PCT.

UNIT-V

Patent Rights: Scope of Patent Rights - Licensing and transfer of technology - Patent information and databases - Geographical Indications - New Developments in IPR: Administration of Patent System - New developments in IPR: IPR of Biological Systems, Computer Software etc - Traditional knowledge - Case Studies - IPR and IITs.

TEXT BOOKS

- 1. Stuart Melville and Wayne Goddard, Research methodology: an introduction for science & engineering students
- 2. Wayne Goddard and Stuart Melville, Research Methodology: An Introduction.

REFERENCES

- 1. Ranjit Kumar, Research Methodology: A Step by Step Guide for beginners, Halbert, Resisting Intellectual Property, 2nd Edition, Taylor & Francis Ltd, 2007.
- 2. Mayall, "Industrial Design", McGraw Hill, 1992. Niebel , Product Design, McGraw Hill, 1974.
- 3. Asimov, "Introduction to Design", Prentice Hall, 1962.
- 4. Robert P. Merges, Peter S. Menell, Mark A. Lemley, *Intellectual Property in New Technological Age*, 2016.
- 5. T. Ramappa, Intellectual Property Rights Under WTO, S. Chand, 2008

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I M.Tech.- I Sem.

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2 - - -

(20HS0818) ENGLISH FOR RESEARCH PAPER WRITING (Audit Course-I)

COURSE OBJECTIVES

The objectives of this course:

- 1. To understand that how to improve writing skills and level of readability.
- 2. To learn about what to write in each section.
- 3. To understand the skills needed when writing a Title.
- 4. To ensure the good quality of paper at very first-time submission.
- 5. To know the strategies and techniques for preparing academic projects.

COURSE OUTCOMES(COs)

On successful completion of this course, the student will be able to

- 1. Familiarize students with the key concepts of linguistics and develop awareness of the latest trends in language study.
- 2. Lead to a greater understanding of the human communicative action through an objective study of language.
- 3. Know and appreciate the location of literature within humanities.
- 4. Gain knowledge of research methods in literary studies and advanced knowledge of literature in the English language and literary theory.
- 5. Carry out an independent, limited research project under supervision, in accordance with applicable norms, ideals and conditions for literary research.
- 6. Improve common and basic scholarly requirements of logical and empirical rigor.

UNIT-I

Planning and Preparation- Word Order- Breaking up long sentences- Structuring Paragraphs and Sentences- Being Concise and Removing Redundancy, Avoiding Ambiguity and Vagueness.

UNIT-II

Clarifying Who Did What- Highlighting Your Findings, Hedging and Criticizing, Paraphrasing and Plagiarism- Sections of a Paper, Abstracts and Introduction.

UNIT-III

Review of the Literature,-Methods, Results, Discussion, Conclusions and The Final Check.

UNIT-IV

Key skills needed when writing Title- Key skills needed when writing abstract- Key skills needed when writing an Introduction- Skills when writing a Review of the Literature.

UNIT-V

Skills needed when writing the Methods- Skills needed when writing the Results- Skills needed when writing the Discussion- Skills needed when writing the Conclusions.

TEXT BOOKS

- 1. Goldbort R, Writing for Science, Yale University Press. 2006.
- 2. Day R, How to Write and Publish a Scientific Paper, Cambridge University Press. 2006.

REFERENCES

- 1. Highman N, Handbook of Writing for the Mathematical Sciences, SIAM. Highman's Books, 1998.
- 2. Adrian Wall, *English for Writing Research Papers*, Springer New York Dordrecht. Heidelberg London, 2011.

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Research & Development Cell



Research & Development Policy

This policy has been approved in Governing Body with vide ref. No SIETK /Admin/ R&D/MN-1 /July-2017 dated 23.07.2017.

1. INTRODUCTION

Siddharth Institute of Engineering & Technology, Puttur (SIETK), is committed in creating an ambience for high quality Research & Development activities in every department by the faculty and students.

SIETK aims to provide a research environment that will promote a culture of high quality research, which is ethical, competent, safe and accountable.

The institute encourages the interdisciplinary works which further reflects in applied and basic research with long term social and technical impacts. Further the institution concentrate on the academic and research collaborations with various funding agencies. This document deals with the promotional activities related to research and principles while planning and conducting research.

This policy document on Research & Development activities at SIETK addresses specific aspects of conducting Research & Development activities within the college in compliance with the UGC and University regulations on Research.

2. PURPOSE

The purpose of the Research Policy is to provide a research atmosphere that will promote a culture of high quality research, which is ethical, competent, safe and accountable. The policy shall serve as an overall framework within which research activities may be carried out.

3. OBJECTIVES

The main objective of the R&D policy is to address the various societal challenges through research and extension activities. The specific objectives are

- * To build a research culture among UG, PG students, scholars and faculty members
- ❖ To encourage faculty members and students to pursue research in their interested area and to file a patent and publish papers in SCI, Scopus indexed/Web of Science journals with impact factor
- To Disseminate the information on funding schemes from various funding organizations
- ❖ To conduct the required National and International events related to R&D
- To support in writing quality proposals and monitor the codes of ethics in research
- To establish Research Centre of Excellence within the college
- ❖ To encourage Interdisciplinary works across the departments
- To provide collaboration with various national and International Organizations
- ❖ To Provide training and development activities for consultancy

4. SPONSORED PROJECTS

Sponsored projects are those in which the faculty recognises, defines, and outlines the issue before submitting it to the funding agency in the form of a project proposal. Such projects are funded as grant-in-aid by government agencies such as DST, AICTE, MHRD, DIT, ISRO, DRDO, and others. The funds will be used to buy testing equipment, consumables, and other necessities. The project will be referred to as Project/Principal Investigator. Sponsored ventures may be multi-cline/multi-participant as well, but IP rights are usually the property of the college.

Collaborative Projects: Projects in which the investor contributes a portion of the funding and is supplemented by professional manpower, infrastructure, and other resources. The problem concept in a consultant and joint project typically comes from a business or organisation, but if intellectual property is built around the initial problem statement, intellectual feedback will come from both. As a result, intellectual property rights would be shared equally.

5. CONSULTANCY

Consultancy Projects: Providing a solution to an industrial issue by conducting an audit, feasibility report, design, testing, or providing professional services at the request of industry, which may be referred to / by the Principal / Dean (R&D) / Head of the Department for relevant faculty members. Consultancy projects expose students to and educate them about the issues that businesses face, which is beneficial in tailoring the curriculum to meet the needs of business. Each consultancy project may include one or more faculty members. Consultancy services may be in the college's, faculty's, and departments' areas of expertise.

6. PLANNING & CONDUCTION OF RESEARCH ACTIVITIES

This includes

- Awareness on IPR and plagiarism
- Providing the necessary study material
- Assessment of the resources needed for the project
- Economic usage of resources
- Ethical standards
- Generating a standard operating procedure
- Securing the data produced from the experimentation

7. TRAINING

- The R&D cell provides periodic training sessions to students and faculty members on research related topics to understand and adopt research culture and best practices in the institution
- Supervisors shall encourage students and research scholars to attend various training programs on research

8. RESPONSIBILITY OF PRINCIPAL INVESTIGATOR (PI) FOR R&D AND CONSULTANCYPROJECTS

PI is faculty member in the service of the College. PI will be responsible for:

- Creating a project plan and submitting it to the HOD and Dean R&D.
- Scheduling the work to be performed and calculating costs in accordance with the given guidelines.
- Finding other co-investigators if necessary, coordinating and executing work, and managing project interactions with the sponsor/clients.
- Compiling the preliminary and final reports in accordance with the project proposal
- ❖ Advising the Dean (R&D) on staffing needs, project expenditures, and remuneration to be charged to professors, employees, and students.
- Keeping track of project documents
- Monitoring or sanctioning leave for research and other contractual workers employed on his or her projects.
- ❖ Separately keeping track of equipment purchased with project funds for each project and sending a copy of the record to Dean (R&D) to ensure that expenditures are in line with budgetary allocations and that the usage certificate is submitted.
- To ensure that the project is completed on schedule and that the final report is sent to the funding agency through Dean's office (R&D).
- ❖ For the necessary maintenance of the Laboratory Record Book for IPR submission, periodical and/or final technical report(S) of the project work to the sponsoring agency.
- Writing to the sponsor/client for timely release of funds, with a copy to the Dean (R&D) for follow-up, if needed.
- ❖ Before reporting results, the PI must notify Dean (R&D) and research partners and obtain

permission from both.

❖ If the PI chooses to leave the university. When a Principal Investigator (PI) retires or takes a leave of absence, a co-investigator or Co-PI may assume the PI's powers and duties with the Dean's approval (R&D).

9. MAINTENANCE OF PROJECT RECORDS

The head of the college shall ensure that the following records are maintained and retained in the college by Project Leader / Principal Investigator

Document containing

- Information on a systematic basis on initiation of the idea
- Date of starting of the project
- List of innovators and Principal Contributors
- Responsibilities assigned to the individuals and the extent of their participation(whether whole-time or part-time)
- Signification contributions made by the individuals along with the supporting inputs/contributions of the S&T and other staff.

10. SELECTION PROCEDURE FOR RECRUITMENT OF RESEARCH STAFF UNDER SPONSORED RESEARCH AND CONSULTANCYPROJECT.

- 1. Principal Investigator will send the draft advertisement to Dean (R&D) for approval.
- 2. Dean R&D will advertise the positions and receive the applications.
- Screening of applications-Dean R&D will fix the meeting of screening committee
 with Principal Investigator and co-investigators if any, short listing will be made
 and will issue the call letters to the candidates.
- 4. Screening Committee Constitution
 - (i) Dean R&D
 - (ii) Concerned Principal Investigator Member.
 - (iii) One faculty member from the Department as available to the PI –Member
- 5. Interview

Dean R&D will fix the date of the interview I consultation with the Principal and get the interview conducted.

- 6. Selection committee constitution
 - (i) Dean R&D
 - (ii) One professor in the expertise field of concerned Department.

- (iii) Nominee(s) of Management.
- (iv) Concerned Principal Investigator /Co-Principal/Investigator.

Any external member expert from the sponsoring R&D organization / outside the college if required by the sponsoring agency and will be nominated by Dean (R&D) on the recommendation of PI.

7. Final Selection / Appointment

The recommendations of the Selection Committee will be forwarded by Dean (R&D) for approval of management and issue of necessary order. Transfer of project staff from one project to another, either on completion or midway, base on the project requirements, may be permitted by Dean (R&D).

11. PROMOTION FOR RESEARCH

- Funding will be provided to the innovative projects of the SIETK students
- Seed money will be given to the faculty members to encourage for setting up own labs or for carrying out research projects
- Performance Incentives will be given to the faculty members as stated in the HR policy
- Financial assistance will be given to the faculty members and students to get patents for their innovative ideas or projects
- The faculty members are encouraged for the training at national/International FDP, workshops/Conferences inline with the HR policy.

12. OUTCOME OF THE RESEARCH

The main outcome of the research are

- ❖ Book and Book Chapter publication
- ❖ Journal articles
- * Reviews
- Conference proceedings
- Technical drawings and working models
- Patents
- Proposal for new theories

13. CUSTODIAN OF POLICY

The implementation and updating of Research Policy shall be carried out by Research and

Development Cell constituted in the college with Principal as the Chairman, followed by Dean-R&D, and representatives from each department as members. The Research Policy will be monitored by a high level committee, the Research Advisory Committee (RAC) to function under the Principal, Dean-R&D, faculty representatives and external experts from industry and academia.

14. CODE FOR RESEARCH ETHICS

This Institute gives utmost importance to encourage its faculty to follow ethical guidelines established by the college and the UGC in carrying out the research activities under which the college has established internal ethics committee for research involving Science, Engineering and Technology subjects. The research proposals have to be approved by the committee. Plagiarism Check is another important requirement that the college insists for all the PG and Ph.D. theses to go through plagiarism check and the certificate is to be submitted with the signatures of research guide, Head of the department of the concerned and the Principal. The plagiarism software is made available in the college to check research articles, proposals, project reports, besides using plagiarism check to regulate the student's projects.

This Institute encourages the departments to conduct workshop in research methodology where ethics in research is an integral part; awareness is also created to faculty members by invited talks on IPR, Patents and ethics in research. The Institute shall consider all incidents of misconducts of research seriously and shall ensure initiating of enquiry process and adjudication of such misconduct. The R&D committee views research misconduct as an extremely disturbing element and considers it as a threat to the basic principles and standards of research in the college which strives to promote and maintain outcome based research which has social relevance.

15. RESEARCH ADVISORY COMMITTEE (RAC)

The Siddharth Institute of Engineering & Technology (Autonomous), Puttur consists of the following members in the Research Advisory Committee (RAC). The members are Principal, Dean R & D, One Senior professors nominated by the Principal, Two Expert members nominated by Principal from Academic Institutions / Industry/ Research Labs and one Legal advisor nominated by Principal. RAC's members will give guidance for funding, Research publication, Patent Filing, etc. The nominated members' duration will be for Two years. The committee should meet twice in an year.

16. RESEARCH ETHICS COMMITTEE (REC)

The Siddharth Institute of Engineering & Technology (Autonomous), Puttur consists of the following members in the Research Ethics Committee (REC). REC's members are Principal, Dean R & D, Two Senior professors nominated by Principal, and Legal advisor nominated by Principal. REC's members will give rules, regulations and legal issues arise during the application of funding proposals, Research publication, Patent Filing, etc. The nominated members' duration will be for Two years. The committee should meet twice in an year.

Dean - R&D
Siddharth Institute of Engineering & Technology
Siddharth Nagar
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3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

2. Presence of Ethics committee

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RESEARCH ETHICS COMMITTEE (REC)



This policy has been approved in Governing Body with vide ref. No SIETK/Admin/R&D/MN-1/July-2017 dated 23.07.2017.

OBJECTIVE

Research ethics committees have an important role to play in ensuring the ethical standards and scientific merit of research involving human subjects. There are three important obligations placed on the ethics committee.

- The ethics committee must ensure that the rights of research participants are protected. This
 is achieved by ensuring that individuals receive sufficient information, which can be easily
 understood, and ensuring that appropriate strategies are in place to protect participants from
 potential adverse consequences of the research.
- The research ethics committee has to provide the resources for research and will ultimately be affected by the results.
- The research ethics committee should strive to meet the high ethical and scientific standards expected by society.

Functions of the Research Ethics Committee (REC)

- The Research Ethics Committee shall regulate and oversee the formulation and conduct of all research Programs of the Siddharth Institute of Engineering & Technology (Autonomous), Puttur, in accordance with the directions of the Academic Council.
- The committee is responsible for promoting and endorsing a transparent academic environment for high professional and ethical academic research
- It provides advice and guidance to the faculty members pertaining to ethical issues in teaching, research and academic activities
- The committee encourages the faculty and students to publish their high quality research results
- The committee disseminate the consequences of non-ethical practices in the research
- It supports the Academic Council on all academic activities related to codes of ethics
- The Research Ethics Committee shall consider and may approve recommendations of the Boards of Studies on all academic matters within the scope.

 On behalf of the Committee, the Chairman may act on recommendations given by examiners on Ph.D. thesis and M.Tech thesis and can take necessary decisions based on the relevant Ordinances or Regulations made under the Statutes.

Constitution

The Siddharth Institute of Engineering & Technology (Autonomous), Puttur consists of the following members in the Research Ethics Committee (REC). REC's members are Principal, Dean R & D, Two Senior professors nominated by Principal, and Legal advisor nominated by Principal. REC's members will give rules, regulations and legal issues arise during the application of funding proposals, Research publication, Patent Filing, etc. The nominated members' duration will be for Two years. The committee should meet twice in an year.

Dean - R&D
Siddharth Institute of Engineering & Technology
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PUTTUR - 517 583, Chittoor (Dt.) A.P.

Siddharth Institute of Engnineering & Technology
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PUTTUR - 517583, Chittoor Dist.



Ref::SIETK/2020-21/02

DATE: 17/06/2020

Dr. K. Chandrasekhar Reddy

M.Tech., Ph.D.

Principal

To

The Dean- R& D
Siddharth Institute of Engineering & Technology (Autonomous)
Puttur -517583, Chittoor District, A.P. (India)

Sir,

Sub: Nomination experts – Research Ethics Committee – Academic year 2020-21 – Regd.

For the academic 2020-2021, the following members are nominated as Research Ethics Committee members. The term of the nominated members shall be two years. The Research Ethics committee shall meet at least twice a year.

S.No.	Name of the Expert Member	Designation	Position
1	Dr. K. Chandrasekhar Reddy	Principal	Chairman
2	Dr.P.G.Gopinath	Dean – R&D	Member Secretary
3	Dr C.Sreedhar	Professor	Member
4	Mr.B.MadhuPrathap	Managing Director	Member
5	Dr.M.JanardhanaRaju	Professor	Member
6	Mr. V. VenkataSubbaiah	Legal Advisor	Membe



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Ref::SIETK/2018-19/04

DATE: 17/06/2018

Dr. K. Chandrasekhar Reddy

M.Tech., Ph.D.,

Principal

To The Dean- R& D Siddharth Institute of Engineering & Technology (Autonomous) Puttur -517583, Chittoor District, A.P. (India)

Sir,

Sub: SIETK - PTR - Nomination experts - Research Ethics Committee -Academic year 2018-19 - Regd.

For the academic 2018-2019, the following members are nominated as Research Ethics Committee members. The term of the nominated members shall be two years. The Research Ethics Committee shall meet at least twice a year.

S.No.	Name of the Expert Member	Designation	Position	
1	Dr. K. Chandrasekhar Reddy	Principal	Chairman	
2	Dr.P.Ratnakamala	Dean – R&D	Member Secretary	
3	Dr C.Sreedhar	Professor	Member	
4	Mr.B.MadhuPrathap	Managing Director	Member	
5	Dr.K.Subramanyam	Professor	Member	
6	Mr. V. VenkataSubbaiah	Legal Advisor	Member	

PRINCIPAL

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3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

3. Plagiarism check through software



Ref. No: SIETK/PTR/2021-22

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01-10-2021

Dr. K. Chandrasekhar Reddy

M.Tech., Ph.D.

Principal

To

TURNITINDIA EDUCATION PRIVATE LIMITED B-116, Second Floor, Sector-67, NOIDA-201301, Uttar Pradesh, India.

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Total (in words): U.S. Dollar Eight Thousand One Hundred Thirty and Twenty Cents.

FSNeDDy **PRINCIPAL**

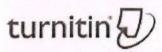
PRINCIPAL

Siddharth Institute of Engnineering & Technology Siddharth Nagar PUTTUR - 517583, Chittoor Dist.

Siddharth Nagar, Narayanavanam Road, Puttur, Chittoor Dt - 517583, A.P., India.

08577-264999, 264888, +91 9396904599

(ISO 9001: 2008 Certified Institution) (Approved by AICTE, New Delhi) (Affiliated to JNTUA, Ananthapuramu) (Accrediated by NBA & NAAC with "A" Grade)



TurnitIndia Education Private Limited B - 116, Sector 67, Second Floor Noida India 201301 1-510-764-7600

GSTIN: 09AAGCT1132P1Z1

PAN: AAGCT1132P

Date:

Oct 22, 2021

Invoice No.:

IND24000210 18/2021-2022

Purchase Order No.: Sales Order No.:

SO852764

Due Date:

Nov 2, 2021

Payment Terms: Service Start:

Net 15 Oct 21, 2021

Service End:

Oct 21, 2022

TAX INVOICE

Bill To	Billing Contact	Account Manager
Siddharth Institute of Engineering and Technology, Narayanavanam Road, Puttur, Andhra Pfradesh, India.	Dr K Chandrasekar Reddy, Principal, Siddharth Institute of Engineering & Technology, Puttur, Andhra Pradesh.	Mr M Sathish, IT Manager, Siddharth Institute of Engineering & Technology, Puttur, Andhra Pradesh.
Our ref: CN-428965 124852		

Product Name	Product Description	Amount
License Administration Fee	License Administration Fee	INR 237,359.19
Originality Check for Faculty/Research Scholar - Prtl w/ Stud	Turnitin Originality Check for Faculty. Includes Translated Matching, Integration, e-Rater	INR 237,359.19
Originality Check for Students	Turnitin Originality Check add-on Student license. Includes Translated Matching, Integration, e-Rater	INR 37,977.5
	Subtotal	INR 512,695.88
	CGST - 0%	INR 0.00
	SGST - 0%	INR 0.00
	IGST - IN 18%	INR 92,285.25
	UTGST - 0%	INR 0.00
	Total	INR 604,981.13

Total Invoice Amount In Words: Six Hundred Four Thousand Nine Hundred Eighty one poin One Three

USD\$: 8132.56 = INR 6,04,981.13

Exchange Rate US \$1.00 = INR 74.39

SAC code 998439

Invoice is system generated and thus does not need a signature

Make your cheque payable to: TurnitIndia Education Private Limited

Remit Cheque Payment to:	TurnitIndia Education Private Limited B - 116, Sector 67, Second Floor Noida India - 201301
Wire Instructions:	1) BENEFICIARY BANK: Citibank N.A. BENEFICIARY COMPANY: TurnitIndia Education Private Limited BENEFICIARY COMPANY'S ACCOUNT #: 0714093002 BENEFICIARY BANK BRANCH IFSC CODE: CITI0000002 BENEFICIARY BANK BRANCH MICR CODE: 110037002 BENEFICIARY BANK SWIFT CODE: CITIINBX 2) Request that your originating bank reference your invoice number. If you do not have an invoice number, please request that your originating bank reference the name of your institution and your location. 3) Email ar@turnitin.com with the confirmation that the transaction has been completed



SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

(Approved by AICTE, New Delhi& Affiliated to JNTUA, Ananthapuramu)
(Accredited by NBA for Civil. EEE, Mech., ECE & CSE)
(Accredited by NAAC with 'A' Grade)
Puttur -517583, Chittoor District, A.P. (India)

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following:

4. Research Advisory Committee

SIDDHARTH INSTITUTE OF

ENGINEERING & TECHNOLOGY, PUTTUR (AUTONOMOUS)

(Approved by AICTE & Affiliated to JNTUA, Ananthapuramu) (Accredited by NBA for Civil, EEE, Mech., ECE & CSE Accredited by NAAC with 'A' Grade)

Puttur -517583, Chittoor District, A.P (India)

RESEARCH ADVISORY COMMITTEE (RAC)



This policy has been approved in Governing Body with vide ref. No SIETK /Admin/ R&D/MN-1 /July-2017 dated 23.07.2017.

OBJECTIVE

- To ensure quality research at M. Tech and Ph.D. level- Primary.
- To inculcate research process in Master's degree students leading to fetch a good quality dissertation report and the publications.
- To inculcate research methodology and its concepts in Ph.D. students leading to a strong thesis proposal and a quality research work and publications thereafter.
- To motivate Master's / Doctoral degree students to create groups and work either on University thrust areas or new emerging areas in Engineering, Sciences, Management and Commerce.
- To motivate faculty and students for quality research through team / group formation on certain specific areas leading to establishment of centres of excellence, quality publications and patents.
- To spread & cultivate research habits and practices among all the faculty and students at large.
- To get the funding through research grants for specific projects from DST, MNRE, UGC etc.
- Advanced Studies & Research Committee is constituted for preparing plans for research and higher studies in the University and supervise the execution of the same.

Functions of the Research Advisory Committee (RAC)

- The Research Advisory Committee shall regulate and oversee the formulation and conduct
 of Doctoral and Post-Doctoral instructions and all research Programs of the Siddharth
 Institute of Engineering & Technology, in accordance with the directions of the Academic
 Council;
- The Research Advisory Committee shall consider and may approve recommendations of the Boards of Studies and School Research Committees on all academic matters within the scope.

 The Research Advisory Committee shall formulate procedure for consideration and approval of proposals for registration for studies at doctoral level degrees, and for all other matters concerning the supervision and evaluation of research work under such doctoral

Programs, and recommend them to the Academic Council;

On behalf of the Committee, the Chairman may act on recommendations given by

examiners on Ph.D. thesis and M.Tech thesis take necessary decisions based on the relevant

Ordinances or Regulations made under the Statutes;

The Research Advisory Committee may recommend to the Academic Council criteria for

formulation and execution of research proposals by teachers and/or scholars attached to the

Siddharth Institute of Engineering & Technology, in accordance with the directions of the

Academic Council;

• The minutes of the meeting of the Advanced Studies & Research Committee shall be placed

before the Academic Council for consideration; and

Constitution

The Siddharth Institute of Engineering & Technology (Autonomous), Puttur consists of the

following members in the Research Advisory Committee (RAC). The members are Principal,

Dean R & D, One Senior professors nominated by the Principal, Two Expert members

nominated by Principal from Academic Institutions / Industry/ Research Labs and one Legal

advisor nominated by Principal. RAC's members will give guidance for funding, Research

publication, Patent Filing, etc. The nominated members' duration will be for Two years. The

committee should meet twice in an year.

Dean - R&D
Siddharth Institute of Engineering & Technology
Siddharth Nagar

PUTTUR - 517 583, Chittoor (Dt.) A.P.

PRINCIPAL
Siddharth Institute of Engnineering & Technology
Siddharth Nagar
PUTTUR - 517583, Chittoor Dist



Ref:: SIETK/2020-21/05

DATE: 17/06/2020

Dr. K. Chandrasekhar Reddy

M.Tech., Ph.D

Principal

To The Dean- R& D Siddharth Institute of Engineering & Technology (Autonomous) Puttur -517583, Chittoor District, A.P. (India)

Sir,

Sub: SIETK - PTR - Nomination experts - Research Advisory Committee -Academic year 2020-21 - Regd.

For the academic 2020-2021, the following members are nominated as Research Advisory Committee members. The term of the nominated members shall be two years. The Research Advisory Committee shall meet at least twice a year.

S.No.	Name of the Expert Member	Designation	Position
1	Dr. K. Chandrasekhar Reddy	Principal	Chairman
2	Dr.P.G.Gopinath	Dean – R&D	Member Secretary
3	Dr C.Sreedhar	Professor	Member
4	Mr.B.MadhuPrathap	Managing Director	Member
5	Dr.M.JanardhanaRaju	Professor	Member
6	Mr. V. VenkataSubbaiah	Legal Advisor	Membe

PRINCIPAL Siddharth Institute of Engnineering & Technology Siddharth Nagar PUTTUR - 517583, Chittoor Dist.



Ref::SIETK/2018-19/02

SIDUHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR

(AUTONOMOUS)

Dr. K. Chandrasekhar Reddy

M.Tech., Ph.D.

Principal

To The Dean- R & D

Siddharth Institute of Engineering & Technology (Autonomous)

Puttur -517583, Chittoor District, A.P. (India)

Sir,

Sub: SIETK – PTR - Nomination experts – Research Advisory Committee – Academic year 2016-17 – Regd.

For the academic 2018-2019, the following members are nominated as Research Advisory Committee members. The term of the nominated members shall be two years. The Research Advisory Committee shall meet at least twice a year.

S.No.	Name of the Expert Member	Designation	Position
1	Dr. K. Chandrasekhar Reddy	Principal	Chairman
2	Dr.P.Ratnakamala	Dean – R&D	Member Secretary
3	Dr C.Sreedhar	Professor	Member
4	Mr.B.MadhuPrathap	Managing Director	Member
5	Dr.K.Subramanyam	Professor	Member
6	Mr. V. VenkataSubbaiah	Legal Advisor	Member



PRINCIPAL
Siddharth Institute of Engnineering & Technology
Siddharth Nagar
PUTTUR - 517583, Chittoor Dist.

DATE: 17/06/2018

🔀 sietk_ptr@yahoo.com, 😩 www.sietk.org

MEETING OF SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR TO BE HELD ON DATE: 23.07.2017

The meeting of governing body of Siddharth Institute of Engineering & Technology (Autonomous), Puttur is planned to be held on 23.07.2017 at 11.00 A.M in the Board Room of Siddharth Institute of Engineering & Technology, Puttur to discuss the following Agenda Items.

The following members were present for the Governing Body Meeting held at Siddharth Institute of Engineering & Technology, Puttur and the following resolutions were made.

S.No.	Name of the Member	Signature of the Member
1	Dr. K. Ashok Raju	- Acora rajn wonddum - 1000
2	Mrs. K. Indira Veni	- Dui
3	Mr. K. Madhu	- mall.
4	Dr. K. Sudheer	- Sulf
5	Prof. Shivaji Rao Kadam	- M
6	Prof. B. Durga Prasad	- 600g
7	Dr. M. Janardhana Raju	- Off Rys
8	Dr. S. Sunil Kumar Reddy	- 8.8, may
9	Dr. P. Sangameswara Raju	- PSal
10	Dr. K. Chandrasekhar Reddy	- Ksieldy
		/

PRINCIPAL
Siddharth Institute of Engnineering & Technology
Siddharth Nagar
PUTTUR - 517583, Chittoor Dist

MINUTES OF THE GOVERNING BODY OF SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR HELD ON DATE 23.07.2017

AGENDA NO.1:	To confirm the minutes of the Governing Body held on 05.02.2017.
RESOLUTION:	The Governing Body unanimously resolved to ratify the minutes of the last meeting of the Governing Body held on 05.02.2017.
AGENDA NO.2:	To report the action taken on the events of the last meeting of Governing Body held on 05.02.2017.
RESOLUTION:	Resolved to approve the report on academic and other important
	activities and events in the college since last meeting of the Governing Body 05.02.2017
AGENDA NO.3:	To pay deep condolence for a sudden demise of our beloved and honourable Secretary Sri Konduru Sudarsan Garu.
RESOLUTION:	It is resolved to pay deep condolence for a sudden demise of our beloved
	and honourable Secretary Sri Konduru Sudarsan Garu. We deeply mourn for the sad and sudden demise and pay our homage to him. Let everyone observe 2 minutes silence and pray for the departed soul rest in peace.
AGENDA NO.4:	To elect the new Secretary in the place of Sri K. Sudarsana Garu, Former Secretary.
RESOLUTION:	It is resolved to elect the new Secretary in the place of Sri K. Sudarsana Garu, Former Secretary. Mrs. K. Indiraveni elected as New Secretary
AGENDA NO.5:	To Empower the Secretary to constitute the Service Rules & Regulations
RESOLUTION:	It is resolved to empower the secretary to constitute the Service Rules &
	Regulations
AGENDA NO.6:	To sanction and empower the Secretary, Jaya Educational Society for the recruitment of faculty for various positions for the academic year 2017-18.
RESOLUTION:	Resolved to empower the Secretary, Jaya Educational Society and sanction of permission for recruitment of required faculty under various positions to
	meet the 298 faculty positions as per AICTE norms and the guidelines of

the statutory bodies for the year 2017-18.

AGENDA NO.7: Resolved constitute new College Academic Council for the Academic Year 2017-18

RESOLUTION: The new College Academic Council constituted for the Academic Year 2017-18 with the following members

PRINCIPAL
Siddharth Institute of Engnineering & Technology
Siddharth Nagar
PUTTUR - 517583, Chittoor Dist.

AGENDA NO.8:

To Empower the Secretary to improve the sports and cultural facilities with

immediate effect.

RESOLUTION:

To Empower the Secretary to improve sports facilities:

(i) Additional sports grounds

(ii) Establishment of Gym facility

(iii) Purchase of sports materials and kits.

(iv) Dubbing & Preview Theatre

AGENDA NO.9:

To Empower the Secretary for establishment of Innovation Cell

RESOLUTION:

To Empower the Secretary for establishment of Innovation Cell in the

institution level

AGENDA NO.10:

To empower the Secretary Jaya Educational Society for implementation of

Rules & Regulations for Promotional Policies (Service Rules), Research

Policy, consultancy and seed money policy with immediate effect.

RESOLUTION:

Resolved to empower the Secretary Jaya Educational Society for

implementation of Rules & Regulations for Promotional Policies (Service Rules), Research Policy, consultancy and seed money policy with

immediate effect.

AGENDA NO.11:

To empower the Secretary Jaya Educational Society for "Formation of

Finance Committee Chaired by Head of the Institution as per UGC Guide

Lines.

RESOLUTION:

Resolved to empower the Secretary Jaya Educational Society for

"Formation of Finance Committee Chaired by Head of the Institution as

per UGC Guide Lines

AGENDA NO.12:

To empower Secretary Jaya Educational Society implementation of

"Financial Committee Recommendations and Delegation of Financial

Powers up to 2.00 Lakhs to the HODs through the Head of the Institution.

RESOLUTION:

It is Resolved to empower the Secretary Jaya Educational Society for

implementation "Financial Committee Recommendations and Delegation of

Financial Powers up to 2.00 Lakhs to the HODs through the Head of the

Institution.

AGENDA NO.13:

To Empower the Secretary to approve all the department budget

proposals and utilization of funds in the institution and approve

Rs.10,00,000/- towards students scholarship

PRINCIPAL
Siddharth Institute of Engnineering & Technology
Siddharth Nagar
PUTTUR - 517583, Chittoor Dist.

RESOLUTION:

It is Resolved to Empower the Secretary to approve all the department budget proposals and utilization of funds and students scholarship in the institution.

MEMBERS OF THE COLLEGE ACADEMIC COMMITTEE

ACADEMIC YEAR 2017-18

S.No.	Name of the Faculty	Designation
1	Dr. K. Chandrasekhar Reddy	Principal
2	Mrs. P. Nirupama	HOD - CSE
3	Mr. N. Ramesh Raju	HOD – EEE
4	Dr. M. Janardhana Raju	HOD – ECE
5	Dr. S. Sunil Kumar Reddy	HOD – ME
6	Dr. C. Siva Kumar Prasad	HOD - CIVIL
7	Mr. S. Choudaiah	HOD – MCA
8	Mr. C.P. Gopi	HOD – MBA
9	Mr. B. Hari Krishna	HOD – BS & H
10	Mrs. K. Vasundhara	HOD - T & P
11	Mr. B. Siddeswara Rao	Ex-Cell In-charge
12	Mrs. C. Nishida Devi	OS

PRINCIPAL
Siddharth Institute of Engnineering & Technology
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Puttur -517583, Chittoor District, A.P. (India)

RESEARCH AND DEVELOPMENT CELL

The following members are present in the Meeting:

S.No.	Name of the Men	nber	Signature of the Member
1	Dr. P. G. Gopinath		Metall
2	Dr. G. Prabhakaran		5. R.
3	Dr. J. Gowrishankar	è	Jarohn
4	Dr. P. G. Kuppusamy	•••	L'Samy
5.	Dr. S. Tamil Selvan		Sto
 6.	Dr. K. Mallikarjuna		K. Mallikarju
7.	Dr. S. Suresh		ABSENT -