



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

Sl. No.	Title	Page No.
1	Inclusion of research ethics in the research methodology course work	2
2	Institutional Animal Ethics Committee	5
3	Research Monitoring Committee	10
4	Turnitin Software	11

PH024
Ph.D. Course Work
RESEARCH METHODOLOGY

Unit1: Introduction to research & Literature Survey (10 Lectures)

- 1.1 Definition and Characteristics of Research
- 1.2 Qualities & Characteristics of Researcher
- 1.3 Types of Research
- 1.4 Classification of Research & Components of Research Process
- 1.5 Identification of research topic.
- 1.6 Review of literature
- 1.7 Ethics in research & Plagarism
- 1.8 Formulating a Research Problem
- 1.9 Familiarity with END NOTE software package

Unit2: Bioanalytical Techniques (10 Lectures)

- 2.1 Concepts on Buffers , molarity and ionic strength & Preparation of reagents and cell culture media
- 2.2 Centrifugation techniques: Density gradient centrifugation, Ultracentrifuge, Types of rotors
- 2.3 Electrophoresis, native and denatured PAGE, IEF and 2-D electrophoresis, agarose gel electrophoresis, Gradient electrophoresis.
- 2.4 Spectroscopy: UV & Visible, FTIR, CD and Fluorescence spectroscopy, Microplate reader, Maldi TOF, GCMS
- 2.5 Microscopy: Inverted Microscope, Fluorescence, Phase Contrast and DIC Microscopes. SEM, TEM and Confocal Microscope.

Unit 3: Statistical Methods (10 Lectures)

- 5.1 summary statistics
- 5.2 common probability distributions and applications to solve problems based on biological studies
- 5.3 distribution of observations about the mean based on the assumption of normality and apply those calculations to solve problems based on biological data
- 5.4 distribution of sample means about the mean and apply those calculations to solve problems based on biological data
- 5.5 design simple biological experiments
- 5.6 compare two means (from paired and unpaired data) using both parametric and non-parametric methods and use those methods to test hypotheses
- 5.7 analyze categorical data to test both goodness-of-fit and contingency hypotheses
- 5.8 compare more than two means using analysis of variance methods and use those methods to test hypotheses derived from both single-factor and two-factor experimental designs
- 5.9 Least-squares regression lines and applies those calculations to solve problems based on biological studies.

Unit 4: Research Design, Planning & Technical Writing (10 Lectures)

- 4.1 Planning and design of experimental work
- 4.2 Data collection and processing methods

- 4.3. Writing an article based on experimental work
- 4.4 Review writing on the topic of research
- 4.5 Preparation of power point presentation
- 4.6 Review of the best research article in the area of candidate's research
- 4.7 Review of the best research review in the area of candidate's research

Unit 5: Thesis Writing (10 Lectures)

- 5.1 Design of thesis, Chapters in the thesis
- 5.2 Components of the thesis
- 5.3 Distinction between introduction and review of literature
- 5.4 Distinction between summary and conclusion
- 5.5 Preparation of tables and graphs
- 5.6 Figures and legends
- 5.7 Bibliography – format, citation in the text.

References:

1. Thesis & Assignment Writing–J Anderson, B.H.Dursten & M.Poole, Wiley Eastern, 1977
2. A Hand Book of Methodology of Research – P. Rajammal and P. Devadoss, R. M. M. Vidya Press, 1976.
3. The Craft of Scientific Writing by Michael Alley, (Springer).
4. Research Methodology by R. Panneerselvam, PHI, New Delhi 2005



VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH UNIVERSITY::
VADLAMUDI

PH014- Research Methods & Report Writing

Objective of the Course:

Objective of the course is to enable research scholars to have a general understanding of research methods and application of statistical tools in the analysis and interpretation of findings and guidelines for report writing.

UNIT - I

Introduction: Nature and Importance of research, the role of business research, aims of social research, research process, types of research. Data Base: discussion on primary data and secondary data, probability and non-probability sampling techniques.

UNIT-II

Research design: Meaning of research design. Functions and goals of research design. Questionnaire and Schedule.

UNIT - III

Measurement and scaling concepts, attitude measurement, levels of measurement and types of scales, criteria for good measurement. Measures of central tendency, measures of dispersion, measures of variation, Correlation and Regression. Statistical Inference. Tests of significance for small samples, t-test, Chi-Square test and ANOVA-one way and two way classifications. discriminate analysis, cluster analysis, conjoint analysis

UNIT-IV

Report Writing: Pre-writing considerations, Thesis writing, formats of report writing, Formats of publications in Research Journals. Technique of Interpretation, Precaution in Interpretation, Significance of Report writing, Different steps in writing Report, Layout of the Research Report, Types of Reports, Report Format, Typing Instructions, Oral Presentations.

UNIT-V

Research Ethics and Morals: Issues related to plagiarism, collaborative models and ethics, acknowledgements. *Intellectual Property Rights:* copy rights.

Text Books:

1. Bhattacharya, D. K., Research Methodology, Excel Books, New Delhi.
2. Gupta S.P., Statistical Methods, Sultan Chand, New Delhi, 2001.
3. Pannarselvam., Research Methodology, Prentice Hall of India, New Delhi, 2005.

Reference Books:

1. Andrews, F.M. and S.B. Withey Social Indicators of well being, Plenum Press, 1976.
2. Bennet, Roger, Management Research, ILO, 1983.
3. Murray.R. How to write a Thesis:, Tata Mc Graw-Hill.
4. Nanda Gopal, Research Methods Using Computers, Excel Books, New Delhi.
5. Salkind. Neil.J., Exploring Research, Prentice Hall of india, New Delhi, 1997.
6. Shajahan.S., Research Methods for Management, Jaico Publishing House, 2005.
7. C.R. Kothari: Research Methodology, Methods & Techniques, 2nd Edition, New Age International Publications





(Deemed to be University)

-Est.d. u/s 3 of UGC Act 1956



PROCEEDINGS OF THE REGISTRAR

F.No.VFSTR/Reg/A1/11/2018

Date: 24.04.2018

Sub: VFSTR - Dept. of Biotechnology - Constitution of Institutional Animal Ethics Committee (IAEC) - approved - orders - issued.

Read: 1. Proposal dated 19.04.2018 of the HoD, Biotechnology
2. Approved note orders of the Vice-Chancellor dated 23.04.2018

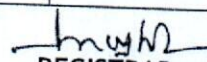
CONSTITUTION OF INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)

ORDER

With reference to the above, the Vice-Chancellor is pleased to constitute the Institutional Animal Ethics Committee (IAEC) in the department of Biotechnology as per the composition given below :-

Sl.No.	Experts	Name and Address	Role
01	Biological Scientist	Prof. S. Krupanish, HoD and Prof., Dept. of Biotechnology, VFSTR Mobile No. : 9440984668	Chairman
02	Scientists from different biological disciplines	Dr. G. Sitaramanjanya Reddy, Assoc. Prof. & Coordinator Biomedical Engg., Dept. of ECE, VFSTR Mobile No. : 9398917124	Member
03		Dr. Rex Jaya Rajkumar, Asst.Prof., Dept. of Biotechnology, VFSTR (Yet to be joined) Mobile No.: 9486121921	Member
04		Mr. R. Karthikeyan, Asst. Prof., Vignan's Pharmacy College, Vadlamudi, Guntur Dist. Mobile No. : 9966847127	Member
05	Veterinarian involved in the care of Animals	Dr. M. Nageswara Rao, Veterinary Assistanat Surgeon, Veterinary Dispensary, Vejendla, Chebrolu Mandal, Guntur Dist. Mobile No. : 8341291539	Veterinarian
06	Scientist In-Charge of Animal House Facility	Dr. D. Benet Bosco Dhas, Asst. Prof., Dept. of Biotechnology, VFSTR Mobile No. : 8508406015	Member - Secretary

To
The HoD, Biotechnology
Individuals concerned - through HoD, Biotechnology
Copy to the
PA to the Vice-Chancellor / PA to the Dean, E&M


REGISTRAR
VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/s 3 of UGC Act 1956)
. VADLAMUDI-622 213.
A.P. INDIA



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956


CODE OF ETHICS FOR ANIMAL HOUSE

Vignan's Foundation for Science, Technology and Research (VFSTR) has established a well-equipped animal house facility with the vision to support the research and training on animals. The facility was approved by Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Ministry of Fisheries, Animal Husbandry and Dairying, Government of India, based on the inspection carried out by the CPCSEA Nominee on 11th November, 2018. The Honorable Chairman of VFSTR, Dr. Lavu Rathaiah on 16.12.2018, inaugurated the facility. The types of animals housed are rats, mice, rabbits and chicken. Optimized housing conditions based on the CPCSEA guidelines are being maintained, such as, Temperature 25°C (maintained with air conditioners), Humidity – 60%, Pest control management, Fluorescent lighting, Power backup, Noise free environment, Separate experimental area and wash room and Separate storage area.

1. We all know that in many research protocols there is simply no alternative to the use of live animals. To develop the research from the available non-animal or *in vitro* models to clear justification in the biology (Drug discovery and physiology of Human system), someone need to work on the animals.
2. All the experiments and protocols performed in the animal house should be performed under the high supervision of an individual who is having adequate training and relevant experience in animal handling.
3. The use of the animals in the biological research should always enhance the human and animal health for a good society.

4. Animal selection for a particular experiment is the major consideration. The supervisor who is working should maintain the animal selection and experiment protocols in that particular project.
5. All the animals, which were procured for the experimental research, are lawfully acquired. The animals utilized in the experiment should be minimized as much as. The investigator has to take whole responsibility to avoid pain, stress and discomfort to the animal.
6. If a procedure will cause more than momentary slight pain or distress to the animal, the pain must be minimized both in intensity and duration through the administration of appropriate anesthetics, analgesics, and tranquilizers consistent with acceptable standards of veterinary medicine.
7. The appropriate anesthetic conditions are provided when painful experiments are conducting on the animals.
8. Multiple survival surgeries should not be done on the animal and most of the times the survival surgeries should be avoided until it was highly recommended.
9. It is the responsibility of the investigator to ensure that adequate post-surgical/procedural care is provided to all animals. This care must meet acceptable standards of veterinary medicine and be provided as long as necessary, including during non-duty hours.

Note: All the experimental work and maintenance of the animals in the animal house should strictly follow the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Ministry of Fisheries, Animal Husbandry and Dairying, Government of India,


Prof. S. KRUPANIDHI, Ph.D
Head of The Department
Department of Biotechnology
VFSIR UNIVERSITY
Vatlamudi - 522 213, Guntur Dt. A.P. India



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established w/a 3 of UGC Act of 1956)

(ACCREDITED BY NAAC WITH 'A' GRADE)

PROCEEDINGS OF THE REGISTRAR

F.No.VFSTR/Reg/A1/02/2017

Date: 29.08.2017

Sub: VFSTR University - University Research Board (URB) - Committee Re-constituted for existing policy - orders - issued

Ref: Approved orders of the Vice-Chancellor dated 29.08.2017

RECONSTITUTION OF UNIVERSITY RESEARCH BOARD - VFSTRU

ORDER

The University Research Board (URB) is the apex policy making body for Research and Development in the University. The function of the URB includes framing policies for basic and applied research, collaboration with Industry for R&D, Research Road Map (both short term and long term) and to monitor implementation of the above policies at frequent intervals. URB will meet once in three months and the schedule of the meeting will be intimated well in advance. The URB has been reconstituted with the following composition :-

Chairman	
Dr. M Y S Prasad, Vice Chancellor, VFSTR University vc@vignanuniversity.org	
Members:	
Dr. V Adimurthy Hon. Distinguished Prof., ISRO Former Associate Director, VSSC Former Dean of Research, IIST, Trivandrum vip.adimurthy@gmail.com	Dr. T.S. Rao Sr. Advisor, Dept. of Biotechnology, New Delhi tsrao@dbt.nic.in
Mr. Lalitha Prasad K. Rtd. Head of Corporate Learning Centre, Tata Consultancy Services Former Director Faith InfoTech, Hyderabad lalithaprasad@gmail.com	Prof. V. K Tewari, Head, Agricultural & Food Engineering Department, Indian Institute of Technology, Kharagpur, West Bengal prof.vktewari@gmail.com
Dr. P Subba Rao Chairman & Managing Director, Ananth Technologies, Hyderabad subbarao@ananthtech.com , psr@ananthtech.com	Prof. S A Shiva Shankar Professor - Emeritus (Visiting Professor) Center for Nano Science & Engineering Indian Institute of Science, Bangalore sa.shivashankar@gmail.com
Prof. Keskar Avinash, Dept. of Electronics & Communication, Visvesvaraya National Institute of Technology (VNIT), Nagpur agkeskar@ece.vnit.ac.in	Dr. C. Raghavendra Rao, Professor, Department of Computer and Information Sciences, University of Hyderabad crrcs@uohyd.ernet.in
Dr. Simhachalam Juttu, Deputy General Manager, The Automotive Research Association of India, Pune juttu1976@gmail.com	Dr. Siva Kumar K, Professor, Department of Electrical Engineering, IIT Hyderabad, Kandi, Sangareddy bksiva@iith.ac.in

Contd..

Special Invitee
Prof. K Ramamurthy Naidu Chancellor, VFSTRU Email: krnaidu06@yahoo.com
Convener
Dr. Vidhu Kampurath P Dean - Research & Development VFSTR University dean_res@vignanuniversity.org

The functions of the URB, schedule of Meetings, honorarium to members and tentative dates of meeting are given as an Appendix to this order.

Encl : Appendix

To
All Deans and HoDs
Copy to

PS to the Chairman / PA to the Vice-Chairman / PA to the Vice-Chancellor / Assistant Registrars


REGISTRAR
VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA



TurnitIndia Education Pvt. Ltd.
 Max Towers, 16th Floor
 Spaces Suites #1603-05, 1608, 1610
 Sector 16-B, NOIDA - 201301
 Uttar Pradesh, India
 1-510-764-7600
 GSTIN: 09AAGCT1132P1Z1
 PAN: AAGCT1132P

Date: Jun 15, 2021
 Invoice No.: IND12001704
 Purchase Order No.: VFSTR/Reg/A8/30/2021-22/01
 Sales Order No.: SO957374
 Due Date: Jun 30, 2021
 Payment Terms: Net 15
 Service Start: Jun 16, 2021
 Service End: Jun 15, 2022

TAX INVOICE

Bill To	Billing Contact	Account Manager
GSTIN 37AABTV1315Q1Z3 Vignan's Foundation for Science, Technology and Research University Vladlamudi, Chebrolu (M) Guntur District, Andhra Pradesh 522213 India Our Ref: CN-174099 99768	Prof K.V.Krishna Kishore e: kishorekvk_1@yahoo.com p: 9490647678	Avinash Kumar e: avkumar@turnitin.com f: 1-510-764-7612

Product Name	Product Description	Amount
Feedback Studio Growth License	Turnitin Feedback Studio: Originality Checking and Feedback for maximum 2317 End User License	INR 551,814.90
	Subtotal	INR 551,814.90
	CGST - 0%	INR 0.00
	SGST - 0%	INR 0.00
	IGST - IN 18%	INR 99,326.68
	UTGST - 0%	INR 0.00
	Total	INR 651,141.58

USD\$: 8,805.16 = INR 651,141.58

Exchange Rate US \$1.00 = INR 73.95

SAC code 998439

Please refer to the quote and/or proforma invoice for details of quantity and descriptions of services

provided. 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 Pvt. Ltd. Max Towers, 16th Floor Spaces Suites #1603-05, 1608, 1610 Sector 16-B, NOIDA - 201301 Uttar Pradesh, India
--------------------------	--



TurnitIndia Education Pvt. Ltd.
Max Towers, 16th Floor
Spaces Suites #1603-05, 1608, 1610
Sector 16-B, NOIDA - 201301
Uttar Pradesh, India
1-510-764-7600
GSTIN: 09AAGCT1132P1Z1
PAN: AAGCT1132P

Date: Jun 15, 2021
Invoice No.: IND12001704
Purchase Order No.: VFSTR/Reg/A8/30/2021-22/01
Sales Order No.: SO957374
Due Date: Jun 30, 2021
Payment Terms: Net 15
Service Start: Jun 16, 2021
Service End: Jun 15, 2022

Wire Instructions:	<ol style="list-style-type: none">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: CITIINBX2) 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
--------------------	---



UCO BANK

COUNTER FOIL

From NEFT RTGS

Branch: Vadlamudi

Date: 15.06.2022

By Cash/Cheque/Transfer for RTGS/ NEFT
remittance favouring

TurnitIndia Private limited

Beneficiary A/c No: 0714093002

Bank Name & Branch: CITIBANK N.A, NEW
DELHI

IFS Code: CITI0000002

Account Type: CA

Amount Rs: 6,41,192/-

Charges Rs:

Total Amount Rs: 6,41,192/-

Total Amount in words Rs.: Six lakhs forty one
thousand one hundred and ninety two only

Remitter Name: VFSTR PAYMENTS

Remitter A/c No: 21890210000236

Address:

C/o VIGNAN UNIVERSITY , VADLAMUDI

VFSTR PAYMENTS

REGISTRAR FINANCE OFFICER

Seal/Signature of Customer/Remitter

UCBAH 22166119462

Mobile/Landline No.: 7013452135

PAN : AABTV1315Q

(Refer terms of remittance overleaf.)

Branch

Seal

Signature of Authorised Signatory



(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

PROCEEDINGS OF THE REGISTRAR

F.No.VFSTR / Reg/A5/RMC/2019

Date: 06.09.2019

Sub: VFSTR University – Re-constitution of Research Monitoring Committee – Orders - issued.

Ref : Letter date 05.09.2019 of the Dean, R & D.

RE-CONSTITUTION OF RESEARCH MONITORING COMMITTEE

ORDER

Research Monitoring Committee of the University has been re-constituted as per the composition given below :-

S.No	Faculty	Designation
a)	Dean, R & D	Chairman
b)	Dean, E & M	Member
c)	Dean, P & M	Member
d)	Dean, AR & Evaluation	Member
e)	Dean, Admissions	Member
f)	Dean, Lib & IT Services	Member
g)	Dean, Foreign Collobarations	Member
h)	Dean, Student Affairs	Member
i)	Dean, IQAC	Member
j)	Dean, T&P	Member
k)	Dean Academics & HoD Chemical	Member
l)	HoD, Mechanical	Member
m)	HoD, CSE	Member
n)	HoD, ECE	Member
o)	HoD, EEE	Member
p)	HoD, S & H	Member
q)	HoD, Applied Engg	Member
r)	HoD, Bio-technology	Member
s)	HoD, IT	Member
t)	HoD, Civil Engg	Member
u)	HoD, MBA	Member
v)	HoD, B. Pharmacy	Member
<u>Nominees of Vice Chancellor</u>		
v)	Dr. K. Venkata Rao, Professor, Dept. of Mech Engg	Member
w)	Mr. A.R. Vijaya Babu, Asst Prof, Dept. of EEE	Member

The Committee will meet once in a Semester to monitor and review the progress of various on-going research activities and R & D projects of the University and ensure implementation of the policies and decisions taken at the University Research Board.

To

All Deans, HoDs

The individuals concerned

Copy to

PA to the Vice-Chancellor / Office copy

REGISTRAR

VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA

Vadlamudi, Guntur Dist. - 522 213. India. Phone :+91-863-2344700 Extn. (283, 284, 285 & 286). Fax : 0863-2534468.
E-mail : registrar@vignanuniversity.org

Analytical Study on the Impact of Different Biodiesels Addition on Performance, Combustion, and Emission Parameters of DI Single Cylinder Diesel Engine

Shaik. Kasim sharif¹, B. Nageswara Rao², and Donepudi Jagadish³

¹Research Scholar, Mechanical Engineering Department, VFSTR (Deemed to be University), Vadlamudi, Guntur, India

²Professor, Mechanical Engineering Department, VFSTR (Deemed to be University), Vadlamudi, Guntur, India

³Professor, Mechanical Engineering Department, Narasaraopet Engineering College, Narasaraopet, India

¹sheriff2sheriff@gmail.com, ²director_ies@vignan.ac.in, ³djagadish.009@gmail.com

Corresponding Author: Dr B. Nageswara Rao

Email: director_ies@vignan.ac.in

Abstract

Biodiesel is a significant energy option for more than a century in Direct Diesel injection engines. The bio-diesel derives from non-eatable stocks like Micro Algae and Karanja. Many laboratory experiments have been conducted on Micro Algae and other biodiesel engines, yet there is little theoretical research about this biodiesel diesel engine. This research provides a theoretical thermodynamic analysis on the subject with biodiesel obtained from Micro-Algae and Karanja fuelled in the single-cylinder four-stroke DI diesel engine. With multiple performance parameters, multiple thermodynamic zone models were created in current research to calculate the reliable and temperature cylinder history. For reasons of agreement, the outcomes of the model are valid, with experimental values. This present analytical work evaluates the performance, combustion and emission characteristics of microalgae and Karanja biodiesel blends of 20% fuelled and comparison with Diesel. The theoretical investigation conducted using Diesel-RK software under the settings of constant speed at full load.

Keywords

Theoretical analysis, Diesel engine, Diesel-RK software, Engine performance, combustion and emissions.

1. Introduction

Currently, the cost of petroleum diesel has grown and crossed the value of certain types of vegetable oil due to global economic turmoil and other reasons. Biodiesel has been recognised as diversified fuel and the potentially possible diesel engine alternative[I]. The oil feedstocks for biodiesel production cannot be afforded by developing countries since their culinary demands do not meet their expectations. Thus, these nations use non-eatable feedstocks to create their bio-diesel. Various experimental studies have been conducted on Micro Algae and Karanja biodiesel engines, but there are evident inadequacies in thermodynamic models for analytic performance analysis. In particular, thermodynamic models are reliant on energy conservation laws based on "thermodynamics first law". The models are divided into three categories as zero-dimensional, Phenomenological and Quasi-Dimensional models[II]. Geometric characteristics of the fluid motion cannot be anticipated in zero-dimensional designs as the flow modelling is inconsistent. In addition to energy conservation equations, specific details may be integrated for each phenomenon in phenomenological models[III].



24%

SIMILARITY INDEX

15%

INTERNET SOURCES

22%

PUBLICATIONS

9%

STUDENT PAPERS

PRIMARY SOURCES

- | | | |
|----------|--|-----------|
| 1 | Shaik Khasim Sharif, B. Nageswara Rao, Donepudi Jagadish. "Comparative performance and emission studies of the CI engine with Nodularia Spumigena microalgae biodiesel versus different vegetable oil derived biodiesel", SN Applied Sciences, 2020
Publication | 2% |
| 2 | www.frontiersin.org
Internet Source | 2% |
| 3 | Submitted to Imperial College of Science, Technology and Medicine
Student Paper | 1% |
| 4 | journal.hep.com.cn
Internet Source | 1% |
| 5 | saemobilus.sae.org
Internet Source | 1% |
| 6 | Veniero Giglio, Alessandro di Gaeta. "Novel regression models for wiebe parameters aimed at 0D combustion simulation in spark ignition engines", Energy, 2020 | 1% |





VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

PROCEEDINGS OF REGISTRAR

F.No: VFSTR/Reg/A1/131/2018

Date: 24/08/2018

Sub : VFSTR- Constitution of Institutional Academic Integrity Panel (IAIP)- Regarding

Ref: UGC Notice Regarding - promotion of academic integrity and prevention of plagiarism in higher educational institutions regulations, 2018, dt: 23/07/2018.

INSTITUTIONAL ACADEMIC INTEGRITY PANEL

ORDER:

A committee with the following composition is hereby constituted to form Institutional Academic Integrity Panel (IAIP) of VFSTR :-

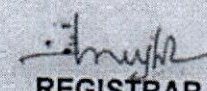
- | | | |
|---|---|------------------|
| a. Dr. V. Madhusudhan Rao, Dean-E&M | - | Chairman |
| b. Dr. P.M.V. Rao, Dean-Evaluation | - | Member. |
| c. Dr. K. Phaneendra, Principal, VLITS, Vadlamudi | - | External Member. |
| d. Dr. K.V. Krishna Kishore, Dean-IT Services | - | Member. |


The Committee will be guided by the UGC regulations "University Grants Commission (promotion of academic integrity and prevention of plagiarism in higher educational institutions) regulations, 2018." dated: 23/07/2018.

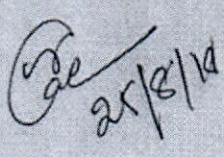
To -
The individual concerned

Copy to

PS to the Chairman, VFSTR
PA to the Vice-Chancellor
All Deans & HoDs / Section Heads / Finance Officer
VU Today / Librarian / Assistant Registrars


REGISTRAR


VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA


25/8/18

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

PROCEEDINGS OF REGISTRAR**F.No: VFSTR/Reg/A1/131/2018****Date: 27/08/2018**

Sub : VFSTR- Constitution of Departmental Academic Integrity Panel (DAIP) -
Regarding

Ref: 1. UGC Notice Regarding - Promotion of Academic Integrity and Prevention of
Plagiarism in Higher Educational Institutions regulations, 2018, dt: 23/07/2018.
2. Approved orders of the Vice-Chancellor dated 25.08.2018.

DEPARTMENTAL ACADEMIC INTEGRITY PANEL**ORDER:**

The Composition of the Departmental Academic Integrity Panel (DAIP) is given below:

Sl. No	Dept.	Chairman (HoD)	Sr. Academician from outside the Department	Member well versed with anti-plagiarism tools
01	Applied Engg.	Dr. D. Satyanarayana Associate Professor	Dr. Gamini Suresh Assistant Professor of Mech. Engg.	Dr. Edwin Benjamin Assistant Professor
02	Bio- technology	Prof. Dr. S. Krupanidhi Professor	Dr. N. Veeranjanyulu Professor of Information Technology	Dr. Gollapalli Pavan Scientist, Dept. of Biotechnology
03	Civil Engg.	Dr. N. Ruben Associate Professor	Dr. K. Venkata Rao Professor of Mech. Engg.	Dr. P. Gopinathan Assistant Professor
04	Chem. Engg.	Dr. M. Ramesh Naidu Associate Professor	Mr. Ch. Govardhan Rao Assistant Professor of Textile Technology	Mr. P. Ashok Kumar Associate Professor
	Food Technology	Dr. M. Ramesh Naidu Associate Professor	Mr. Avinash Barooh Assistant Professor Petroleum Engg.	Mr. D. P. Siva Prasad Assistant Professor
	Petroleum	Dr. M. Ramesh Naidu Associate Professor	Mr. P. Manoj Kumar Assistant Professor of Food Technology	Mr. Prathamesh Dilip Sapale Assistant Professor
	Textile Technology	Dr. M. Ramesh Naidu Associate Professor	Mr. P. Ashok Kumar Associate Professor of Chem. Engg.	Mr. Mohd. Wasim Chauhan, Assistant Professor
05	CSE	Dr. D. Venkatesulu Professor	Dr. K.V. Krishna Kishore Professor of Information Technology	Dr. S. V. Phani Kumar Associate Professor
06	ECE	Mr. T. Pitchaiah Associate Professor	Dr. K. Mercy Roasalina Associate Professor of EEE	Dr. J. Muralidharan, Assistant Professor
07	EEE	Dr. G. Srinivasa Rao Professor	Dr. M. Ramesh Naidu Associate Professor of Chem. Engg.	Mr. M. Subba Rao Assistant Professor
08	IT	Dr. K.V. Krishna Kishore Professor	Dr. K. Hemantha Kumar Professor of CSE	Dr. N. Veeranjanyulu Professor



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

PROCEEDINGS OF REGISTRAR

09	Mech. Engg.	Dr. L. Suvarna Raju Professor	Dr. N. Ruben Associate Professor of Civil Engg.	Dr. D. Vinay Kumar, Assistant Professor
10	MBA	Dr. K. Kalpana Associate Professor	Dr. A. Sharada Professor of English	Dr. B. Madhusudhan Rao, Professor
11	Chemistry	Dr. N. Srinivasulu Professor	Dr. M. Srinivasulu Professor of Physics	Dr. K. Prabhakar Associate Professor
	Physics	Dr. N. Srinivasulu Professor	Dr. K. Prabhakar Associate Professor of Chemistry	Dr. M. Srinivasulu Professor of Physics
	Mathematics	Dr. N. Srinivasulu Professor	Dr. J. Nitchal Kiran Associate Professor of Physics	Dr. P.L.N. Varma Professor
	English	Dr. N. Srinivasulu Professor	Dr. V. Radha Krishna Murthy Professor of Mathematics	Dr. A. Sharada Professor

The panels will be guided by para 10 of the UGC regulations "University Grants Commission (promotion of academic integrity and prevention of plagiarism in higher educational institutions) regulations, 2018." dated: 23/07/2018 (copy enclosed for ready reference).

To

The individual concerned

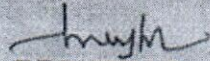
Copy to

PS to the Chairman, VFSTR

PA to the Vice-Chancellor

All Deans & HoDs / Section Heads / Finance Officer

VU Today / Librarian / Assistant Registrars


REGISTRAR

VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA