3.3.1

THE INSTITUTION CODE OF ETHICS TO CHECK MALPRACTICES

Content

3.3.1 The institution has a stated code of Ethics to check malpractices and plagiarism in Research

SL NO	URL	MECHANISM FOR DETECTING PLAGIARISM	ADDITIONAL INFORMATION
1	https://www.turnitin.com	turnitin	turnitin usage report

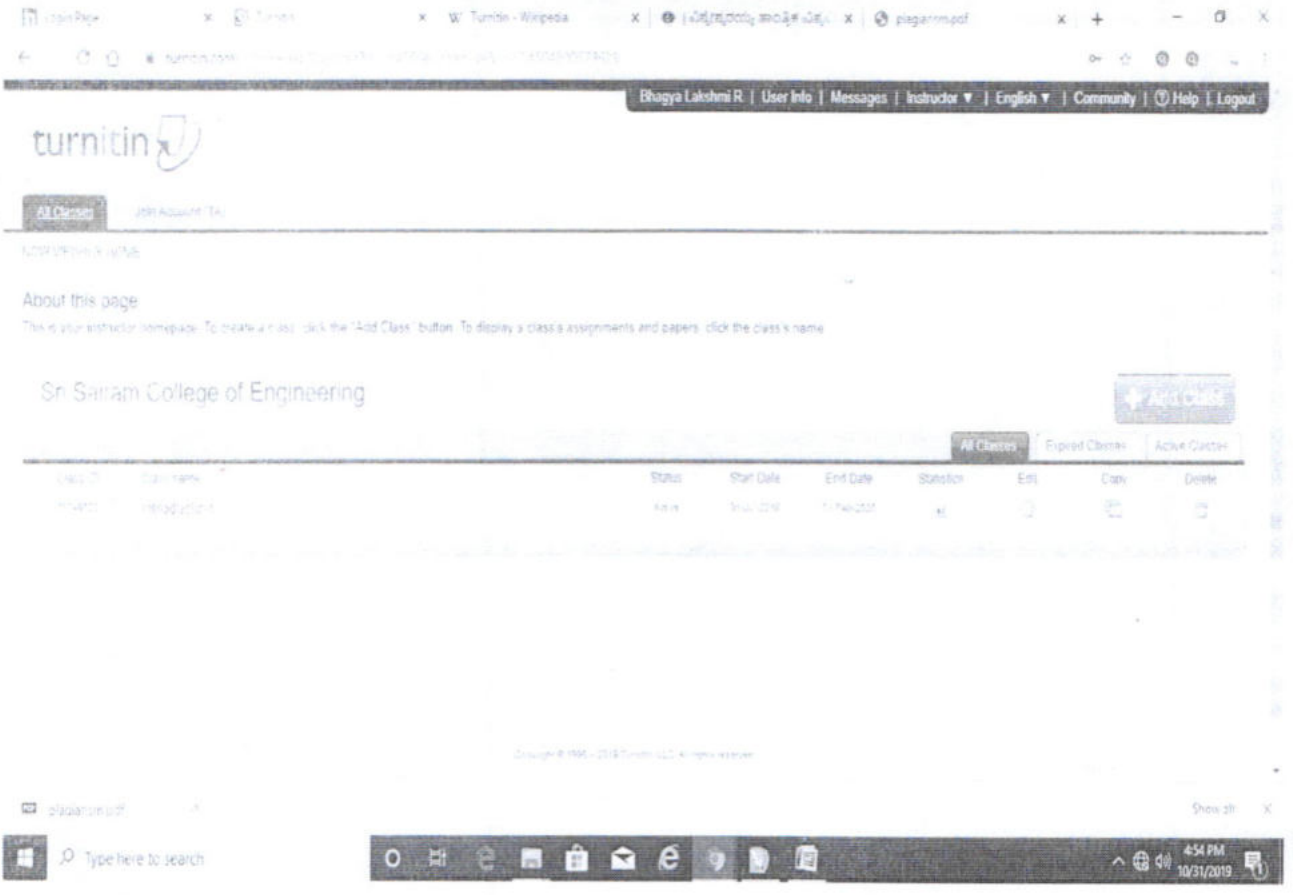
Co-ordinator

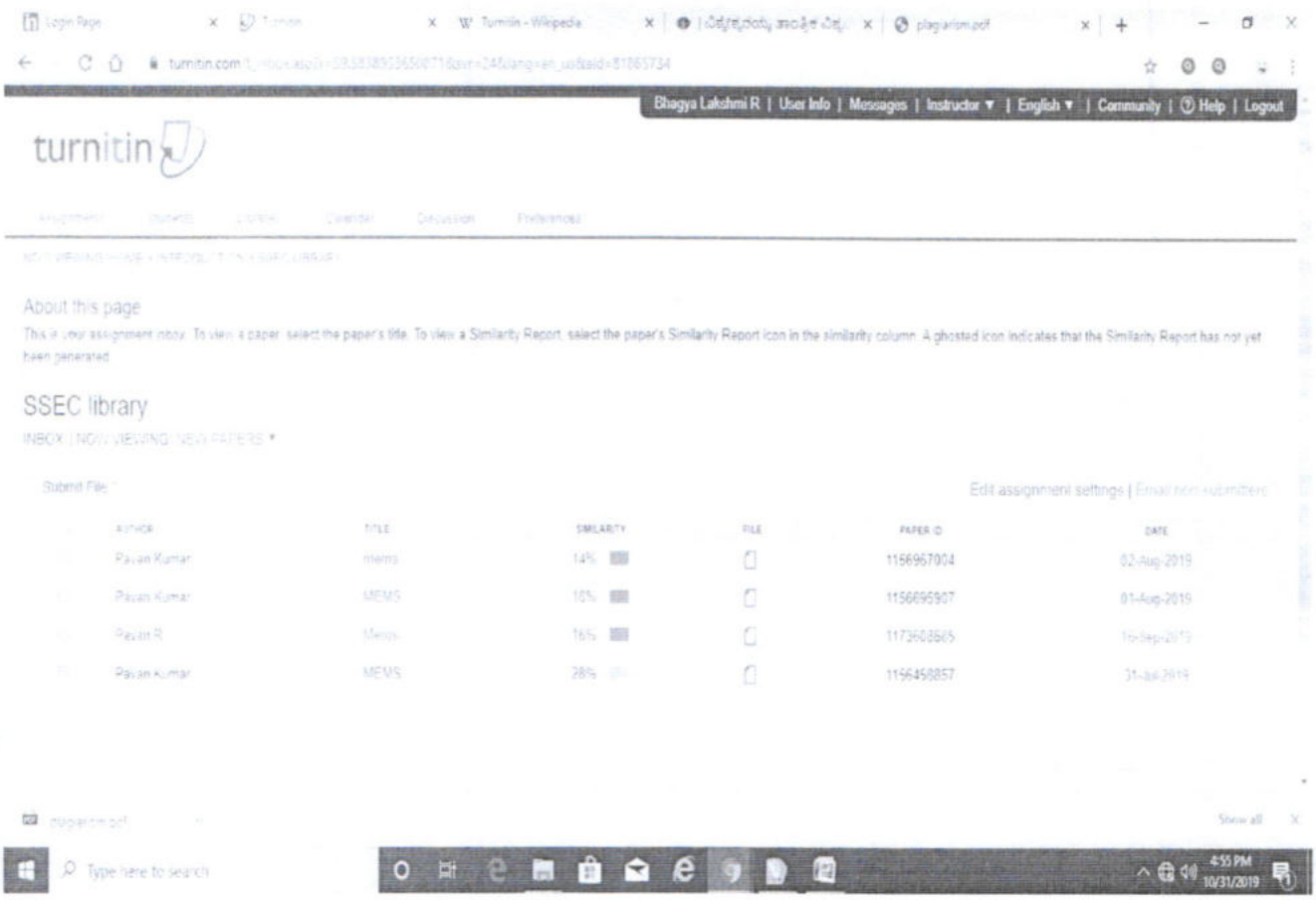
Turnitin: IT IS A PLAGARISM CHECKING TOOL

OUR COLLEGE IS MEMBER OF VTU CONSORTIUM.

Turnitin is an American commercial, Internet-based plagiarism detection service launched in 1997. which checks submitted documents against its database and the content of other websites with the aim of identifying plagiarism. Results can identify similarities with existing sources, and can also be used in formative assessment to help students learn to avoid plagiarism and improve their writing.

The Turnitin software checks for potentially unoriginal content by comparing submitted papers to several databases using a proprietary algorithm. It scans its own databases and also has licensing agreements with large academic proprietary databases.





Librarian

Principal

Objectives of Anti-Plagiarism

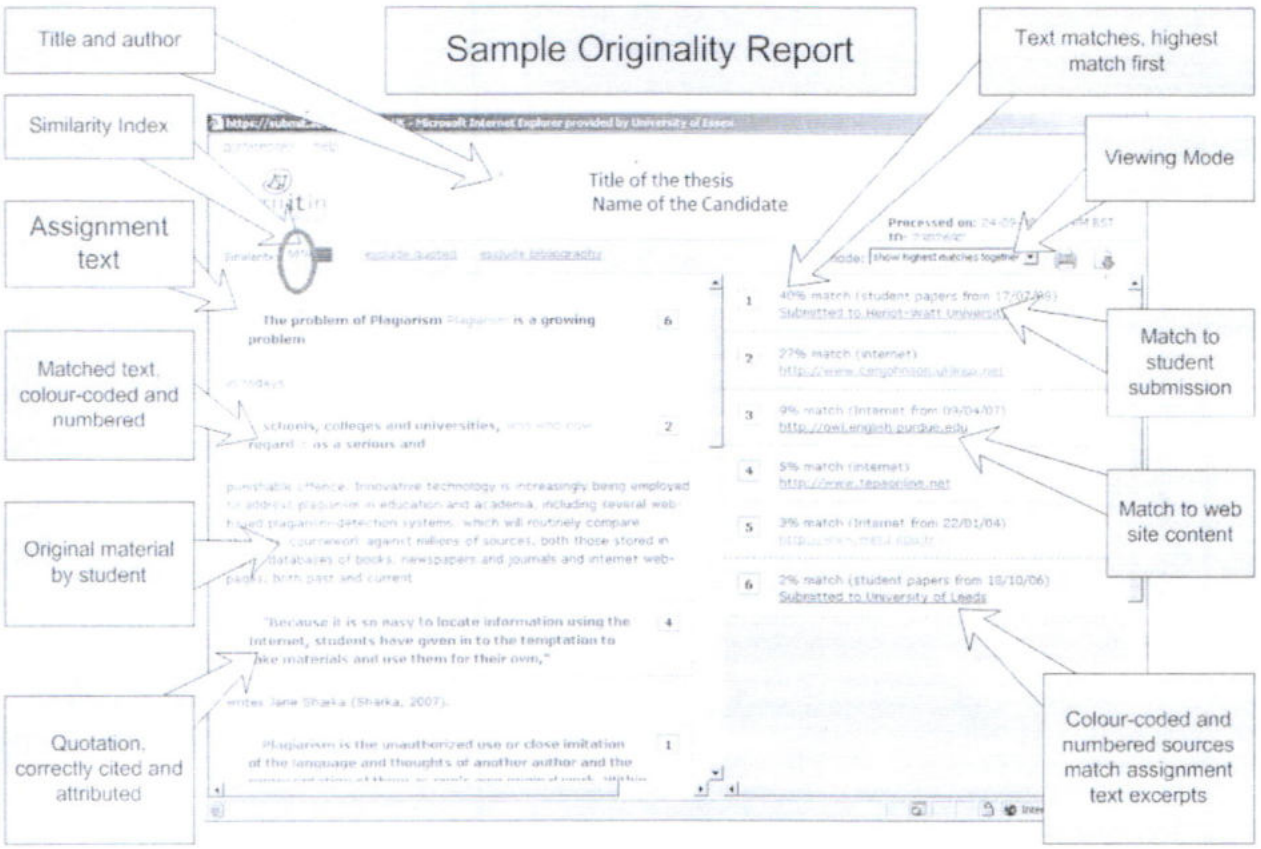
- Inculcate the habit of respecting the academic integrity and discipline.
- To identify any act of dishonesty in academic work constitutes academic misconduct.

The proposed workflow

1. The research scholar should submit the soft copy of the thesis for the plagiarism check to the examination section through a CD.
2. Checking shall be done excluding the bibliography, index and references.
3. During the initial plagiarism check the thesis shall not be added to the data repository.
4. The anti-plagiarism report will be generated and mailed back to the student, guide, co-guide and the Registrar (Evaluation).
5. A letter from the office of Registrar (Evaluation) to this effect will be sent to the guide, co-guide and student.

   Permitted Similarity index <= 25%.
6. The thesis can be printed and submitted to the examination section only if a letter to this effect is issued to the candidate, guide and co-guide.
7. The candidate shall mandatorily produce the anti-plagiarism report as a part of the thesis.
8. If the similarity index is > 25% the modified thesis has to be resubmitted following the step no.1 of the process with the fee of Rs. 5000/-.
9. The student can submit the thesis for the third time with the fee of Rs. 7500/-.
10. The third chance shall be considered as the final submission failing which the thesis shall not be accepted.

Fig 2. Sample copy of the turn it in report for reference



Workflow chart for Anti-Plagiarism test

Entities involved:

1. The Registrar Evaluation (RE)
2. Anti -Plagiarism committee (APC)
3. The Research Scholar.
4. The Guide and/or Co-Guide.

Processes involved in the **RE office** after reception of softcopy of thesis

Sl. No	Activity	Processes
1	**Reception of thesis in the form of CD.**	**1. CD must be signed by scholar and guide with details like Name USN and title of thesis and email id of student and guide.** **2. CD should contain the entire thesis in monolithic form as a PDF file (not separate chapters)** **3. Check for the other details of registrations and fees paid.**
2	**Encode uniquely**	**Encode the CD and submit in the sealed cover containing CD to the chairman of APC**
3		**Record the transaction in record book.**

Processes involved in the **APC office** after reception of softcopy of thesis

Sl. No.	Activity	Processes
1	Thesis verification	1. Check for the plagiarism index ready file for completeness 2. If incomplete report back to RE.
2	Creation of a turnit in project with academic year folder.	1. Submit the thesis for the plagiarism. 2. Generate the report in hard copy as well as softcopy. 3. Check similarity index. 4. Check for a sample resource match on the internet 5. Store the softcopy for further verification at RE office. 6. Print the first page of the report. 7. Submit the report copy of the report by mail to RE
3	Submission of the report	1. Soft copy of the report to be stored. 2. Submit the duly signed report and CD to the office of RE

Processes involved in the **RE office** after reception of Plagiarism report.

Sl. No	Activity	Processes
1	Information to the candidate and guide	1. Check the report for acceptance. 2. If accepted send the information to candidate and the APC office to add thesis to the repository. 3. If not accepted ask the candidate shall be asked to resubmit within 10 days with fees of Rs. 5000/- or 7500/- based on numbers of attempts 4. Maximum 2 attempts with resubmission fee failing which thesis will not be accepted.
2	Softcopy of the report	Mail will be sent to the candidate that contains the the report generated by APC office with the code as the name of the project.
3	Submission of Hard copy of the report	The candidate need to produce the hard copies of the report as prescribed along with the clearance letter related to plagiarism.

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research (1)		
Provide upload the URL having code of ethics	**Whether Colleges have been provided access to plagiarism detecting software (Yes/No)**	**Mechanism for detecting plagiarism**
https://www.turnitin.com/	Yes	turnitin

Sri Sairam College of Engineering

Turnitin Usage Report

June 2019- October 2019

Account ID	Account Name	Month	Active Classes	Active Instructors	Submissions	Similarity Reports	0% Similarity	1-24% Similarity	25-49% Similarity	50-74% Similarity	75-100% Similarity	Submissions with Feedback	Submissions Scored with a Rubric	Total Feedback (Comments and Marks)	Summary Text Comments	Voice Comments
122831	Sri Sairam College of Engineering	2019-06-01T00:00:00	2	1	3	3	0	2	1	0	0	1	0	163	1	0
122831	Sri Sairam College of Engineering	2019-07-01T00:00:00	2	1	2	2	0	1	1	0	0	0	0	0	0	0
122831	Sri Sairam College of Engineering	2019-08-01T00:00:00	1	1	2	2	0	2	0	0	0	0	0	0	0	0
122831	Sri Sairam College of Engineering	2019-09-01T00:00:00	1	1	1	1	0	1	0	0	0	0	0	0	0	0

Chapter 1

INTRODUCTION

Sensors are gadgets that can make an interpretation of non-electrical sign into electrical sign. Sensor or transducer is a gadget which can react to a deliberate item and change it into sign which can be distinguished. They are generally made out of a touchy part which legitimately reacts to a deliberate article, a transformation segment and related electronic circuits.

Silicon-based inertial sensors, including accelerometer and gyroscopes, are one of the most essential types of Micro-Electro-Mechanical-Systems (MEMS) devices. Accelerometers are sort of sensors which are utilized for detecting speeding up toward a path. The accelerometer can be single and multi-pivot accelerometer generally used to gauge speeding up, tilt, inertial powers, stun, and vibration. These gadgets have numerous applications territories in various territories like military, car industry, biomedical applications, dynamic adjustment, security equipping in rockets framework, route and direction framework [1],[2]. Accelerometer is needed for ascertaining speeding up, tilt and vibration and so on.

An accelerometer is a second request spring-mass damping framework. The standard of an accelerometer pursues Newton's second law which expresses that any article experiencing speeding up is reacting to a power. Fig. 1.1 demonstrates a fundamental model of an accelerometer where confirmation mass (seismic mass) has a mass of Ms. suspension pillars have a viable spring steady of KTotal, with damping element of b. Outer increasing speed redirect the confirmation mass in respect to the help outline.

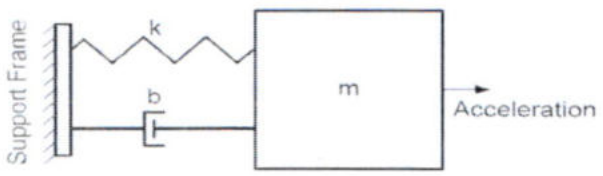


Fig. 1.1 : Fundamental model on an accelerometer