

MBEYA UNIVERSITY OF SCIENCE AND TECHNOLOGY



GUIDELINES ON SCHOLARLY PUBLISHING

AUGUST 2020

FOREWORD

Mbeya University of Science and Technology (MUST) has an obligation to contribute to the national social and economic development through training, research, consultancies and other allied services to the community. MUST is recognized as one of the most capable research institutions in Tanzania with relevant skills, requisite research and teaching facilities and the mandate to generate new knowledge through research. Despite its competent human and physical resources, MUST is confronted with a number of challenges that have to be overcome. One such challenge relates to access to and availability of funding to its various programmes. MUST is likely to continue to compete with other institutions for dwindling financial resources from the Government. Nevertheless, the University will continue to contend for its rightful meagre budgetary share for research. The second major challenge is to effectively utilise the available human and physical resources to optimize research impact at national and international level.

It is fundamental that MUST research contribution focuses on areas of national development priority in an effective manner. This task has to be performed in coordination with other stakeholders at national and regional level. The University will continue to be proactive in the process of defining national development objectives, direction and processes. By so doing, it is hoped that the University will significantly improve its research landscape and thereby play its role in ensuring that Tanzania keeps pace with the global revolution in knowledge production, exchange and utilization. Furthermore, the University will continue to retain its place as one of the most prestigious research institutions in Africa and an attractive site for research and development that provides enormous opportunities for researchers and innovators in science and technology. Henceforth, MUST will not only be a pace-setter in producing breakthrough knowledge, but also instrumental in disseminating new knowledge to the consumers/community, and provide training for the researchers of tomorrow.

Prof. Aloys Mvuma

Vice Chancellor

June 2020

LIST OF ABBREVIATIONS AND ACRONYMS

| | |
|---------|---|
| CI | Citation Index |
| C-RP | Coordinator of Research and Publications |
| DVC ARC | Deputy Vice Chancellor Academic, Research and Consultancy |
| MUST | Mbeya University of Science and Technology |
| CET | College of Engineering Technology |
| CoACT | College of Architecture and Construction Technology |
| CoHBS | College of Humanities and Business Studies |
| CoICT | College of Information Communication and Technology |
| CoSTE | College of Science and Technical Education |
| IF | Impact Factor |
| ISI | Institute for Scientific Information |
| ISSN | International Standard Serial Number |
| JCR | Journal Citation Reports |
| MUST | Mbeya University of Science and Technology |
| PhD | Doctor of Philosophy |
| SCI | Science Citation Index |
| SSCI | Social Science Citation Index |
| ToR | Terms of Reference |

DEFINITION OF KEY TERMS AND CONCEPTS

(a) Credible Journals

Credible journal is a journal assessed based on key factors: indexed; publishing history, peer-reviewed and impact factor.

(b) Local Journals

A journal is considered local if it publishes only case studies of a limited area of study. Local journals are sometimes called national journals based on the level of circulation and composition of the editorial board.

(c) International Journals

International journal is a journal that has contributors specific to a single country but has been subscribed and circulated to different nations with different composition of editorial board.

(d) Peer Reviewed Journals

Peer reviewed Journal is the journal evaluated by one or more scholarly people of similar competence to the producers of the work (peers). It constitutes a form of self-regulation by qualified members of a profession within the relevant field.

(e) Referred Journals

Referred journals are journals from which many references are drawn on related articles published by other journals with outstanding citation indices.

(f) Recognized Journals

Recognized Journals refers to acknowledged journals by international academicians, approving its mission as expected by the international standards.

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1.0 BACKGROUND INFORMATION OF THE UNIVERSITY

1.1 Introduction

The history of Mbeya University of Science and Technology (MUST) dates back from 1986 when Mbeya Technical College (MTC) was established by the Government of Tanzania for the purpose of training Full Technicians at Certificate Level (FTC) under the Russia - Tanzania Training Support. The College existed up to mid-2005 offering programmes in the fields of Architecture, Electrical Engineering, Civil Engineering and Mechanical Engineering. In July 2005, MTC was transformed into a multi-disciplinary Mbeya Institute of Science and Technology (MIST) through the National Council for Technical Education (Mbeya Institute of Science and Technology) Establishment Order, 2004.

The transformation was a Government move towards strengthening the College to become a fully-fledged University. Mbeya Institute of Science and Technology registered a number of achievements including restructuring of FTC programmes to Ordinary Diploma programmes and introduction of Undergraduate Degree programmes which eventually lead to expansion of students' enrolment. Following these achievements, on 29th March 2012 after being issued with a Provisional Licence by Tanzania Commission for Universities (TCU), the Institute was transformed to a fully-fledged University namely Mbeya University of Science and Technology (MUST). The University was granted Mbeya University of Science and Technology Charter, 2013 on 20th August 2013.

MUST is endeavouring to lead in science and technology, become a centre of excellence for academics, research and consultancy and puts itself in a position where research results are meant for improving livelihood in the society. In order to develop professional skills in Science, Engineering and Social Sciences in related fields, MUST has to go hand in hand with research, consultancy and credible publications.

1.2 Current Situation

The following is the current situation at MUST as regards Scholarly Publications:

- (a) Low quality of journal articles being submitted for promotion at MUST;
- (b) Lack of rational methodology to be used in scrutinizing journals, proceedings, bulletins, book series, etc. of high quality and therefore worth publishing by our staff;
- (c) The missing boundaries between 'local' and 'international' scholarly publications and describe what 'peer – reviewed', 'referred' and 'recognized' publications entails; and
- (d) No established list of journals which are recommendable for publication by MUST staff.

However, further stakeholders' consultations were required to identify preferences of quality journals in which members of staff at MUST wish to publish their papers.

1.3 MUST Vision

The Vision of Mbeya University of Science and Technology is to become the leading centre of excellence for knowledge, skills and applied education in science and technology.

1.4 MUST Mission

The Mission of Mbeya University of Science and Technology is to develop academically, technologically and socially competent students, staff and other stakeholders who will be responsive to the broader needs and challenges of the society specified by:

- (a) Facilitating appropriate tuition, practical training and support according to the needs of students and other customers;
- (b) Encouraging staff commitment to quality education and services including research, consultancy and innovation;
- (c) Fostering lifelong learning, honesty and responsibility;
- (d) Promoting an environment conducive to human development;

- (e) Promoting effective entrepreneurship and usage of appropriate technology that meet national and international needs and standards through skills and practical oriented training, research and consultancy.

1.5 Situation Analysis

Research plays a crucial role in science, technology and socio-economic development of any society. It leads to the improvement of the quality of people's lives such as increasing life expectancy, enhancing agricultural productivity in critical productive sectors of the economy for improved livelihoods and food security. Moreover, it can also lead to developing technologies that would improve people's lives. The contribution of research in development is inevitable. At the institutional level, research can bring about product innovations and improvement, improved performance in product marketing and increased service efficiency and effectiveness. It is apparent that well-targeted and good quality research which addresses societal challenges is needed to inform policy and decision-making processes for sustainable development.

Currently, there are no guidelines for scholarly publishing in place that could take care of information dissemination of research and consultancy activities in acceptable journals at national and international level. These Guidelines are therefore intended to fill the information dissemination gap that existed before so as to equip academicians with publication competency skills. The Guidelines detail the courses of actions that the University has decided to take on all matters related to dissemination of research and consultancy activities by establishing MUST Guidelines for Scholarly Publications. These Guidelines set strategies in each College and Department which will stimulate research and consultancy activities by attracting academic staff to publish in credible and acceptable journals.

MUST growth in terms of teaching, research, consultancy and Scholarly Publishing is of paramount importance. Most of its policies for research, staff promotion and staff development are those which were customized and

adopted from the existing Research and Publications Policy (2014) and Guidelines for the Assessment of Academic Staff Performance (2014). Currently, MUST academic staff members are involved in research and consultancy activities in various fields. Due to the increasing opportunity for research and consultancies among MUST academic staff members, there is a need to disseminate the findings of these initiatives in scholarly journals. Publication is one of the most important aspects for academic development. Promotion from one level in the academic hierarchy depends to a large extent on the number and quality of publications. However, not every publication can be suitable for promotion; but scholarly publications are preferred.

1.6 Rationale for Guidelines on Scholarly Publishing

There has been a mushrooming of online and local journals all over the world. Within the country, various institutes, universities and colleges have established their own journals for local authorship. These journals accept manuscripts from neighbouring institutions including MUST. However, the quality of some of these journals is questionable. Some of the emerging institutions' journals comprise of local junior members of editorial board who lack experience and credibility. It is in the view of this observation that, MUST is establishing Guidelines on Scholarly Publications.

Worldwide, there are numerous online/open access journals which publish papers at a low cost. Many of them have convincing names such as “International,” “Universal,” “Academic” etc. These names attract some authors to send manuscripts for publication. However, a close scrutiny reveals that some of them are of poor quality in terms of editorial boards and content of published articles. In order to ensure that MUST academic staff members publish in scholarly journals that meet international standards, it is therefore inevitable to develop a guiding document.

1.7 Relevance of Scholarly Publishing Guidelines

The United Nations Sustainable Development Goals (SDGs(9)) aims to build resilient infrastructure, promote inclusive and sustainable industrialization

and foster innovation by enhancing scientific research, upgrade the technological capabilities of industrial sectors in developing countries in particular. Accordingly, Tanzania Development Vision 2025 put forward that science and technology education and awareness of its applications for promoting and enhancing productivity should permeate the whole society through continuous learning and publicity campaigns.

As a result, research priorities for Tanzania (2015-2020) articulate that research and development (R&D) activities are necessary in order to inform, lead and guide all that needs to be done to achieve the desired transformation of the socio-economic status of a nation. Moreover, research agenda contributes in transformation of Tanzania from being an agrarian society to become an industrial and manufacturing society (COSTECH, 2016). Thus, MUST Guidelines on Scholarly Publishing aims to facilitate basic and applied research to generate new knowledge and solutions to the challenges encountered by various sectors.

However, MUST lacks a tool for guiding its staff members how to access and select credible publishers of scientific research results and consultancies. These Guidelines are therefore a relevant vehicle for promoting MUST profile through publication of research findings and consultancies in credible journals. Through this, it is hoped that MUST will produce and disseminate innovative, cutting-edge and forward-looking research outputs that are globally relevant to provide users a better understanding of existing and emerging local and international issues in applied education in science and technology.

2.0 INFORMATION ON GUIDELINES FOR SCHOLARLY PUBLISHING

2.1 Introduction

This part presents the vision, mission, goal, objectives, philosophy and scope of Guidelines on Scholarly Publishing.

2.2 Vision for Scholarly Publishing

To be a University with a strong, dynamic, resilient and competitive research outputs both knowledge based and innovation driven.

2.3 Mission for Scholarly Publishing

To develop and publish research findings in scholarly and credible journals that will increase the outcome and efficiency of research and development (R&D) of academicians, students, researchers and society.

2.4 Goal of Scholarly Publishing

The goal of the scholarly publishing is to enhance sustainable socio-economic development of the University and the Country at large through R&D.

2.5 The Objective of Scholarly Publishing

2.5.1 The Main Objective

The main objective of this document is to guide scholarly publications in journals, bulletins, proceedings, book chapters and books.

2.5.2 Specific Objectives of Scholarly Publishing

- (a) Facilitate basic and applied research activities;
- (b) Produce an inclusive and comprehensive guidelines to research stakeholders;
- (c) Align the research, development and publication efforts with the MUST Research Agenda;
- (d) Improve the effectiveness of research, development and publication in the University by setting realistic targets for promotion;
- (e) Guide the selection of credible journals for publication;

- (f) Create the platform for shaping the direction of research, development and publication, and therefore enhancing its contribution to the National science, technology and economic development; and
- (g) Promote the culture among research stakeholders of conducting demand-driven research that address issues of national socio-economic importance.

2.6 Philosophy of Scholarly Publications

The research philosophy accepts research concepts which are relevant, credible and support actions.

2.7 Scope of Scholarly Publishing

The scope of Scholarly Publishing is to guide academic staff, students and research partners for executing research activities in particular interest, relevance and in line with MUST guidelines.

3.0 PROCEDURES FOR GUIDELINES ON SCHOLARLY PUBLISHING

3.1 Procedures for Establishing the Guidelines

The following procedures were employed in developing the Guidelines for Scholarly Publications:

- (a) To appraise the current status of publishing at MUST in light of identifying strengths, weaknesses, opportunities and challenges therein;
- (b) To establish a rational methodology to be used in scrutinizing journals, proceedings, bulletins, book series, etc. of high quality and therefore worth publishing by our staff;
- (c) To iron out basic gate-keeping attributes that constitute credible publications/publishers;
- (d) To set boundaries between 'local' and 'international' scholarly publications and describe what 'peer-reviewed', 'referred' and 'recognized' publications entails;
- (e) To compare and contrast the quality and credibility of a sample of publications whose publishers demand 'handling fees' to those which are published free of charge;
- (f) To scrutinize from the stakeholder-proposed list of the journals which academic members of staff wish to publish in order to establish and recommend a shorter list of credible ones to be considered during promotion. Additional/alternative titles of journals that, according to your survey, are considered credible may be proposed and added to the list; and
- (g) To recommend any other relevant aspect that would improve the quality of scholarly publications at MUST.

3.2 METHODOLOGY

Three main approaches were used to gather information and data required to address the Terms of Reference for this assignment. These are highlighted

as follows: Departmental meetings, interview to stakeholders and review of relevant documents.

3.2.1 Departmental Meetings

Departmental meetings were held, first to brainstorm and come to a common understanding regarding the nature and requirements of the assignment at hand, particularly the terms of reference. Also, the overall meeting was held by way of retreat session to synthesize issues emerging from the review of documents and discussions with various stakeholders.

3.2.2 Interview to Stakeholders

An interview was held with the MUST academic staff members in respective Academic Departments to have their opinions about the required standards and qualities of journals, bulletins, proceedings, chapters in books and books worth publishing by MUST staff. The interview questions were mainly focused on the stakeholders' opinions about the attributes of quality publications and the current status of research and publication at MUST. They were also asked to analyze the strength and weaknesses of the research and publication at the College level. Their responses based on strengths, weaknesses, opportunities and challenges are presented in the SWOC analysis table below:

| STRENGTHS | WEAKNESSES |
|--|---|
| <ol style="list-style-type: none"> 1. The Research Policy is in place. 2. Availability of University seed funds for internal calls for research. 3. Continuity of yearly internal calls for research proposals for competition. 4. Guidelines for handling internal research calls are in place. 5. University funds for production of the journal. 6. Existence of registered MUST Journal. 7. Existence of the MUST Journal website. 8. Existence of the Colleges' and | <ol style="list-style-type: none"> 1. Poor research and publication profile. 2. Poor research and publication skills. 3. Lack of research and publication culture. 4. Absence of scholarly guidelines on research and publications at MUST. 5. Overemphasis of teaching and consultancies than research. 6. Lack of research skills. 7. Lack of Experiment facilities. |

| | |
|---|--|
| <p>Departmental Units responsible for research.</p> <p>9. The University Rolling Strategic Plan is in place.</p> | |
| <p>OPPORTUNITIES</p> <ol style="list-style-type: none"> 1. Experienced and supportive Senior Academicians. 2. Young, energetic and trainable staff. 3. Presence of many fields which enhances multi-disciplinary research works and publications. 4. Many world research funding institutions. 5. Establishment of MoUs with senior universities for collaboration. | <p>CHALLENGES</p> <ol style="list-style-type: none"> 1. Budgetary constraints due to meagre Government subversions. 2. Lack of research skills. 3. Lack of national research and publication accreditation body. 4. Existence of many substandard online journals. 5. Presence of journals which demand “handling-fees” hence a possibility to compromise quality. |

3.2.3 Review of Various Relevant Documents

Several documents were reviewed in keeping abreast with the context of quality publications at MUST. Documents reviewed included other universities’ criteria for promotions, criteria for evaluation of the quality of the journal, chapters in books, books and bulletin and rational methodology of scrutinizing them, etc. Guidelines for judging journal qualities for academic staff’s promotion from the University of Dar es Salaam were also reviewed. Generally, the Team reviewed documents from local and international institutions.

4.0 SCHOLARLY PUBLICATIONS

This part presents the meaning of essence, credible, local and international, peer reviewed and referred journals.

4.1 Essence

The outputs of quality researches are quality scholarly publications in reputable/credible journals with a national or international outlook. With regard to this aspect, these Guidelines provide some insights on different aspects of scholarly publications.

4.2 Credible Journals

Credibility exists only when you make an evaluation of a person, object, or piece of information. Certain qualities exist to help lay the basis for a journal to be considered credible. Credibility has something to do with believability of the journal in question in terms of content, format, quality and the composition of editorial board. In its simplest form, credibility is the persuasive nature of the medium/journal. Thus, if a journal is believable it is also considered credible. There are two key elements that contribute to credibility evaluation, namely: trustworthiness and expertise. Trustworthiness is defined in terms of well-intentioned and unbiased, and expertise in terms of perceived knowledge, skill and experience. According to this context, a high level of credibility incorporates both a high level of trustworthiness and expertise. Hence, a journal cannot be considered credible if it does not entail both of these concepts.

4.3 Local Vs International Journals

A journal is considered local if it publishes only case studies of a limited area of study. Local journals are sometimes called national journals based on the level of circulation and composition of the editorial board. Even if an article was developed or written by an author from a different country than the origin of the journal, it would be recognized as a national journal if it is circulated within the boundaries of origin. But, even if a journal has contributors specific to a single country but has been subscribed and circulated to different nations with different composition of editorial board

then it can be termed as an international journal. In this regard the word 'international' has nothing to do with geographical boundaries but standing of a specific publication at an international stage in terms of quality and citation counts and inclusion in established international journal databases. In between the local/national and international journals there may be regional journals in which case authors from certain region of the world prefer to publish their work in that particular journal.

4.4 Peer Reviewed Journals

Peer review is the evaluation of work by one or more scholarly people of similar competence to the producers of the work (peers). It constitutes a form of self-regulation by qualified members of a profession within the relevant field. Peer review methods are employed to maintain standards of quality, improve performance and provide credible publications. In academia, peer review is often used to determine the paper's suitability for publication. Referred materials are publications reviewed by "expert readers" or referees prior to the publication of the material. After reading and evaluating the material, the Referee informs the publisher if the document should be published or if any changes should be made prior to publication. Referred materials are also referred to as Peer Reviewed.

4.5 Referred Journals

Referred journals are journals from which many references are drawn on related articles published by other journals. As a result, referred journals have outstanding citation indices. This implies that referred journals are credible and recognized by many scholars publishing in that particular field and that is why they are frequently cited by many scholars working in related fields of expatriates with more restricted guidelines.

4.6 Recognized Journals

Two main levels of recognized journals are relevant with regard to these Guidelines namely; institutionally/nationally recognized journals and internationally recognized journals. For the purpose of this document, the two levels will be dealt with in details with specific recommendations for

each level in question. However, for a journal to be recognized whether at institutional or international level it must be acknowledged by international academicians, approving its mission as expected by the international standards. It is an appealing journal which has come up with its integrity as a journal.

4.6.1 Attributes for Credible or Recognized Journals

For a journal to be recognized or to be credible, there are gate-keeping attributes and ranking attributes.

(a) Gate-keeping Attributes

The following are the minimum gate-keeping criteria for a journal to be recognized or credible hence worth publishing by MUST staff:

(b) Composition of the Editorial Boards/Advisory Boards

The editorial boards/advisory boards should be composed of senior academicians and experienced professionals holding key positions in their respective disciplines, preferably with some originating from different institutions and countries. Furthermore, roles of individual board members in managing the journal should be spelt out. These board members should possess a reputable research and publication profile and must be available (one can trace them and communicate with them).

(c) Circulation of Journals

The journal should be widely circulated and appear in the list of databases of journal publishers. Further, they should have their contents and abstracts available online.

(d) Frequency of Publications

The journal should be regularly published and should adhere to publication dates as stipulated in their editorial/publication policies. Regular and timely appearance of the journal is a mandatory; yet, the time should be reasonable.

(e) Clarity in Reviewing Processes

The journal should be Peer Reviewed at least by two ‘blind’ reviewers and the manuscript reviewing procedures should be clearly articulated to authors in journal editorial policies. The date of receipt, acceptance and publication of an article should be clearly shown in the front page.

(f) Clarity and Adequacy of Instructions to the Authors

The information to contributors/authors regarding manuscript preparation, submission and their rights to their articles should be adequate and precise.

(g) Authorship Affiliation

Information on author’s affiliation and contact information of corresponding authors including their e-mail and physical addresses have to be provided to encourage communication.

(h) Type of Authorship

Journals should encourage papers that are multi-disciplinary in terms of authorship. These tend to be richer in insight and wider in relevance.

(i) Subscription Rate of Journals

The journals should provide subscribers with rates for various geographical areas as well as instructions on policies for acquiring missed volumes and back issues.

(j) Having an ISSN Number

All established serial publications normally have an International Standard Serial Number (ISSN/ISBN). Obtaining an ISSN/ISBN is done by application to the ISSN/ISBN National Centre in the country (e.g. Tanganyika Library Services) in which the particular publication is published. ISSN is for journals and ISBN is for books.

(k) Website Content and Status

The Journal should be available online and the website should be regularly updated and provide adequate information to both customers and authors.

4.6.2 Ranking Criteria

In addition to the minimum gate-keeping attributes outlined above, there are other attributes that are commonly used in ranking of journal publications especially at an international level. These attributes include the following:

(a) Citation Index

A citation index is a kind of bibliographic database, an index of citations between publications, allowing the user to easily establish which later documents cite which earlier documents. This was introduced by the Institute for Scientific Information (ISI) for papers published in academic journals, first as the Science Citation Index (SCI), and later as the Social Sciences Citation Index (SSCI) and the Arts and Humanities Citation Index (AHCI). In citation counts, judgments are made on the basis of the number of times in which an average article in a journal is cited by authors of articles in related journals. To measure the total number of citations of any journal (not just those for ISI-indexed journal), Google scholar [<http://scholar.google.com/>] can be used as a source of such citations for MUST scholarly publications.

(b) Coverage in International Database

Coverage of a journal in a reputable international database can be regarded as some indicator of international quality. Regular indexing in such a database is certainly likely to increase the visibility and thus the impact of articles published in a journal. The stringent criteria used by ISI for journal selection have already been referred to, and the standing of a journal included in the ISI indexes is itself a form of quality assurance at an international level.

(c) Publication of Abstracts

Journals should endeavour multi-lingual abstraction of journal papers in order to reach readership in other languages. This means any journal published in any other language other than English should have abstracts in English language. Exceptions may be to language journals e.g. *Kiswahili*

Journal and *Journal of English Language*, etc. which have their levels of specificity.

(d) Impact Factor

The impact factor (IF) of an academic journal is a measure reflecting the average number of citations to recent articles published in the journal. It is frequently used as a proxy for the relative importance of a journal within its field, with journals with higher impact factors deemed to be more important than those with lower ones. The impact factor was devised by the Institute for Scientific Information. Impact factors are calculated yearly starting from 1975 for those journals that are indexed in the Journal Citation Reports. In any given year, the impact factor of a journal is the average number of citations received per paper published in that journal during the two preceding years. For example, if a journal has an impact factor of 3 in 2020, then its papers published in 2018 and 2019 received 3 citations each on average in 2020. The 2020 impact factor of a journal would be calculated as follows:

A = the number of times that articles published in that journal in 2018 and 2019, were cited by articles in indexed journals during 2020.

B = the total number of "citable items" published by that journal in 2018 and 2019. ("Citable items" are usually articles, reviews, proceedings, or notes; not editorials or letters to the editor.)

2020 impact factor = A/B .

(Note that 2020 impact factors are actually published in 2021; they cannot be calculated until all of the 2020 publications have been processed by the indexing agency.)

New journals, which are indexed from their first published issue, will receive an impact factor after two years of indexing; in this case, the citations to the year prior to Volume 1, and the number of articles published in the year prior to Volume 1 are known zero values. Journals that are indexed starting with a volume other than the first volume will not get an impact factor until

they have been indexed for three years. Annuals and other irregular publications sometimes publish no items in a particular year, affecting the count. The impact factor relates to a specific time period; it is possible to calculate it for any desired period and the Journal Citation Reports (JCR) also includes a five-year impact factor. The JCR shows rankings of journals by impact factor, if desired by discipline, such as organic chemistry or psychiatry. The impact factor is used to compare different journals within a certain field.

The impact factors which ISI calculates for journals in the science and social sciences are widely quoted as measures of the quality of those journals and by extension, of the articles which they publish.

Generally, these guidelines will be the ones used in the following scrutiny. It should be noted however that a journal can lack one or two of the gate keeping criteria and remain to be credible and recognized journal. It is suggested in this guideline that in order for a journal to be credible, it has to meet most of the gate keeping criteria. It should also be considered that most of these criteria apply to book series, bulletin, proceedings and other scholarly publications except that some specific criteria which are strictly to journals may not apply to books, bulletins and proceedings. These includes availability in web based database, impact factor, level of circulation and subscription, submissions and clarity of instructions to authors and review process. Books, bulletins and proceedings may be assessed by using such criteria like possession of ISBN number, peer review, reviewers' publication profile and academic qualification, publishing organization/institution, qualification and expertise of the author and others of the like.

4.7 Rational Method of Scrutinizing Scholarly Publications

The following are rational methods of scrutinizing various types of scholarly publications of high quality and therefore worth publishing by MUST staff:

4.7.1 Journals

Should meet the attributes mentioned in 4.6.1.

4.7.2 Conference Proceedings

Conference proceeding of high quality and therefore worth publishing by MUST staff should:

- (a) Be of academic conference
- (b) Be peer reviewed
- (c) Be published by a recognized publisher
- (d) Have ISSN number
- (e) Be a scholarly publication

4.7.3 Chapters in Books

Chapters in books of high quality and therefore worth publishing by MUST staff should:

- (a) Be peer reviewed
- (b) Be a scholarly publication
- (c) Bear ISBN number
- (d) Be edited by a credible scholar

4.7.4 Books

Books of high quality and therefore worth publishing by MUST staff should:

- (a) Be peer reviewed
- (b) Be a scholarly publication
- (c) Bear ISBN number

4.7.5 Bulletins

Bulletin of high quality and therefore worth publishing by MUST staff should:

- (a) Be peer reviewed
- (b) Have a frequency of its publication known
- (c) Have high circulation
- (d) Be a scholarly publication
- (e) Bear ISSN number
- (f) Be published by a credible institution

4.7.6 Research Report

A research report of high quality and therefore worth publishing by MUST staff should:

- (a) Adhere to the MUST Research Policy and Operational Procedures
- (b) Be peer reviewed
- (c) Be a scholarly publication
- (d) Focus on a particular field of study
- (e) Have contribution to knowledge
- (f) Be original work

4.7.7 Consultancy Report

Consultancy report of high quality and therefore worth publishing by MUST staff should:

- (a) Be registered to the office responsible for consultancy
- (b) Be a consultancy for an accredited institution
- (c) Adhere to the MUST Consultancy Policy and Operational Procedures
- (d) Be peer reviewed

4.8 Publications with ‘Handling Fees VS Free of Charge

In the journals which demand a handling fee, the article is submitted to the publisher and after the article has passed ‘peer review,’ if any, and considered for publication, the author is asked to pay some amount in order for his/her article to be published. If the author fails to pay the required fee the article will not be published.

In the scrutiny, it is revealed that most of the journals whose publishers demand ‘handling fee’ (except for those which demand fees for production of colour graphics) are not worth publishing by MUST staff. Most of them have been established by scammers in order to get money from people who are eager to publish. Such journals do not reject articles regardless how weak the articles are. This has made it very difficult to reveal which journals whose publishers require ‘handling fee’ with good intention and those

published by scammers. Due to this, these guidelines proposes that MUST staff should prefer to publish in the journals which are published free of charge. If at all there is any serious need to publish in credible online journals that charge 'handling fee,' then a careful scrutiny has to be done by the author before submitting the article and should be able to present credible Reviewer's comments which will be given as evidence, in case of promotion. The office of the **Coordinator** of Research and Publications (C-RP) may be consulted for verification of the status of the journal.

5.0 SHORTLISTS OF JOURNALS

After a careful review of the journals which were submitted from various departments, the Team noted that some of them are journals which are published within Tanzania while others are published outside Tanzania. Some are online journals and some are journals owned by academic institutions and those owned by professional societies, publishing companies and even individuals. Moreover, there are journals which are published annually, semi-annually and so on.

Furthermore, it was revealed that some online journals charge authors 'handling fee' while others publish articles free of charge. Not only that, but it was also revealed that some proposed journals were scholarly while others were just 'newspapers' with the intention to equip readers with knowledge related to particular field of study. Others are just 'forums' for scholars of a particular field of study to present their findings and discuss among themselves. These findings are not scholarly written but appear in report form. Generally, the scrutiny revealed that some journals are worth publishing by MUST staff while others are not.

Most of online journals were seen to be not worth publishing by MUST staff. This is because some of them are not scholarly but rather forums for professional discussions and presentations, others are counterfeit copying the names of credible journals and put slight changes and also others do not exist anymore (i.e. their publishers have stopped publishing them). Moreover, some journals have editorial boards which include members who are junior academically and who have no convincing publication profile; others even have "imaginary" members of editorial boards who do not even exist and others have members of editorial boards who do not recognize the journals. The editorial boards of such journals include names of well-known scholars with excellent research and publication profile while such scholars are not even aware of the existence of such journals. Also, other journals do not involve peer review and therefore not worth publishing by MUST staff.

Shortlisted glossary emanating from MUST academic units are attached as Appendix 2 for reference.

6.0 THE IMPORTANCE OF SCHOLARLY GUIDELINES

6.1 PROMOTION OF ACADEMIC STAFF

These Guidelines set out criteria to be used while judging the credibility of any kind of publication for MUST staff. The Guidelines will be useful during processing of promotion of academic members of staff based on publication criteria. Authors should keep record of all the editorial comments given by peer-reviewers and the responses given thereof. Also, manuscripts should be subjected to Anti-plagiarism software checkups and reports be kept in case they are required in the course of scrutinizing published works for promotion purposes. Such information may be required during scrutiny of promotion-worthy publications. These Guidelines will take effect once approved by MUST Senate. However, publications made prior to approval of these Guidelines will be subjected to a thorough quality scrutiny before being recommended for academic staff promotion.

6.2 ENHANCING SCHOLARLY PUBLICATIONS

The following are ways for improving the status of research and publications at MUST:

- (a) Conducting training, workshops or seminars on research and publication at the University as well as at College level. Since, most of the College members are young academicians who are not aware of several issues related to research and publication, there is a need to familiarize them with those issues. These may include skills on how to write a scholarly article, a conference proceeding, a book review, a book chapter as well as a book. Also, academic members of staff need to be trained on issues related to plagiarism and their impacts to individual's academic wellbeing.
- (b) Setting a reasonable budget for research and publications at College level which will accelerate the rate of research and publication at MUST. The budget should also cover staff attendance in local and international conferences, symposiums and workshops in which issues related to research are presented,

discussed and published. Together with this, the University has identified some research themes/research agenda of which academic members of staff may research. This has identified the priorities and areas of specialization of the Colleges and the University at a large.

- (c) The office of the **Coordinator of Postgraduate Studies and Research** should find a means of encouraging staff to publish and always guide them on such issues. The office should also find more links with research institutions which would offer funds for research and publication. It should also find some links with international journals so that members of staff can publish with them. One way to facilitate this is the establishment of exchange programmes to support collaboration in research, for example exchange of faculty personnel e.g. visiting lecturers from other universities can be used as a starting point for research collaboration.
- (d) The MUST Management and the office of DPSRP should ensure that more journals are established. At least three journals should be established so that each College can have its own journal i.e. Journal of CoACT, Journal of CET, Journal of CoHBS, Journal of Co-ICT and Journal of CoSTE and the existing Journal of **MUST Research and Development**. This initiative should continue until when the College will have departmental journals. The peer-review process should be reviewed to improve efficiency.
- (e) The University should find a means of encouraging collaboration among its staff so as to exchange expertise and experience in research and publication. Multidisciplinary research and publications should be encouraged.
- (f) Academic members of staff who intend to publish in open on-line journals which charge 'handling fee' and online journals in general should first of all do a careful scrutiny of the journals before they can submit articles for publication. They may also

consult the office responsible for research and publications at the College before they submit the article or pay the said fee.

7.0 REVIEW AND AMMENDMENTS OF GUIDELINES ON SCHOLARLY PUBLISHING

The Guidelines and the criteria herein should be reviewed regularly to ensure that they match with the ever changing and growing academic culture in the world. Since not all journals in the world have been scrutinized in these Guidelines due to the fact that new journals emerge every day, the stated minimum gate-keeping criteria herein should be used to assess the credibility of all other journals which will be included in the list on annual basis. Therefore, the list of credible journals may be reviewed on yearly basis while the guidelines should be reviewed after three years of being under operation as new knowledge emerges or as deemed necessary.

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9.0 LIST OF ATTACHMENTS

Appendix 1: Structured Questionnaire to Solicit Stakeholders' Views on Scholarly Publications

Appendix 2: List of Credible Journals

APPENDIX 1: STRUCTURED QUESTIONNAIRE TO SOLICIT STAKEHOLDERS' VIEWS ON SCHOLARLY PUBLICATIONS

Introduction

The Mbeya University of Science and Technology (MUST) is in the process of establishing guidelines for scholarly publications for its academic staff. These guidelines will help to gauge the credibility of the journals and thereby encourage its academic staff to publish in such journals. As one of the stakeholder in this exercise, your views are highly valued and appreciated. Please, give us your views/opinions on the following aspects;

1. Assess the current status of scholarly publications at MUST.
Status.....
Strengths.....
Weaknesses.....
The way forward.....
2. Briefly give your understanding on the following terminologies as used in scholarly publications
 - i) Local journal.....
 - ii) International Journal
 - iii) Referred Journal
 - iv) Peer Reviewed Journal.....
 - v) Recognized Journal.....
3. In your opinions, what are the key criteria that should be used by MUST in deciding whether a journal is credible or not.....
4. What are your views on journals that require someone to pay some amount of money before he/she can publish an article?
.....
5. Which journals would you encourage or discourage MUST academic staff to publish their articles?
.....

APPENDIX 2: LIST OF CREDIBLE JOURNALS

1.0 COLLEGE OF ARCHITECTURE AND CONSTRUCTION TECHNOLOGY

1.1 Department of Architecture and Arts Design

1. International Journal of Conservation Science - 2067-533x
2. A + U-Architecture and Urbanism - 0389-9160
3. Ace-Architecture City and Environment - 1886-4805
4. Acoustical Physics – 10637710
5. Acoustical Science and Technology – 13463969
6. Acoustics Australia – 18392571
7. Acoustics Bulletin - 0308437X
8. Advanced Modeling and Simulation in Engineering Sciences –
9. Advances In Building Energy Research - 1751-2549
10. Advances in Building Energy Research–17512549
11. Advances in Concrete Construction – 22875301
12. Advances in Plant Sciences - 9703586
13. African Journal of Science, Technology, Innovation and Development – 20421338
14. American Journal of Botany–29122
15. American Journal of Civil Engineering and Architecture - ISSN (Online): 2328-3998
16. Analytics and City Science - 2399-8083
17. Applied Ergonomics - 0003-6870
18. Applied Spatial Analysis and Policy - 1874463X
19. Archipel – 448613
20. Archistor-Architecture History Restoration - 2384-8898
21. Architectural Design – 38504
22. Architectural Engineering and Design Management
23. Architectural Engineering and Design Management – ISSN:2472-0437
24. Architectural Engineering and Design Management – 17452007
25. Architectural Heritage -1350-7524
26. Architectural Histories - 2050-5833
27. Architectural History - 0066622X
28. Architectural Record - 0003858X
29. Architectural Research Quarterly – 13591355
30. Architectural Review - 0003861X
31. Architectural Science Review - 0003-8628
32. Architectural Science Review – 38628
33. Architectural Theory Review - 1326-4826
34. Architecture and Culture - 2050-7828
35. Architecture Civil Engineering Environment- 1899-0142
36. Architecture South Africa- 1682-9387
37. Architecture, City and Environment–18877052
38. Architektura a Urbanizmus
39. Archives of Acoustics
40. Archives Of Environmental & Occupational Health - 1933-8244
41. Archnet-IJAR
42. Archnet-Ijar International Journal of Architectural Research- 1938-7806
43. Arqueologia de la Arquitectura

44. Art Journal – 43249
45. ASHRAE Journal – 12491
46. AT Journal
47. Athens Journal of Architecture
48. Behavioral Ecology and Sociobiology – 3405443
49. Behavioral Ecology–10452249
50. Biodiversity and Conservation–9603115
51. Building Acoustics - 1351-010x
52. Building And Environment - 0360-1323
53. Building Engineer - 0969-8213
54. Building Research And Information - 0961-3218
55. Building Services Engineering Research& Technology - 0143-6244
56. Building Simulation - 1996-3599
57. Building Simulation Applications - 2531-6702
58. Buildings - 2075-5309
59. Buildings & Landscapes – 19360886
60. Buildings & Landscapes Journal Of The Vernacular Architecture Forum-
61. Built Environment – 2637960
62. Built Environment Project and Asset Management - 2044-124x
63. Case Studies in Construction Materials–22145095
64. Change Over Time-An International Journal of Conservation and the Built Environment
65. City and Community – 15356841
66. City, Culture and Society – 18779166
67. Computer-Aided Design and Applications – 16864360
68. Conservation & Society – 9724923
69. Conservation Science in Cultural Heritage - 1974-4951
70. Conservation Science in Cultural Heritage – 19739494
71. Construction and Building Materials - 0950-0618
72. Construction Economics And Building - 1835-6354
73. Construction History – 2677768
74. Construction Innovation – 14714175
75. Construction Innovation-England - 1471-4175
76. Construction Management and Economics- 0144-6193
77. Constructive Approximation – 1764276
78. CTBUH Journal
79. Cultural Dynamics – 9213740
80. Culture, Theory and Critique–14735784
81. Dearq-Revista De Arquitectura Journal of Architecture - 2011-3188-
82. Design Studies
83. Earthquake and Structures – 20927614
84. Earthquake Engineering and Engineering Vibration – 16713664
85. Ecology, Environment and Conservation - 0971765X
86. Energy and Buildings – 3787788
87. Energy and Environment - 0958305X
88. Energy Efficiency - 1570646X
89. Engineering, Construction and Architectural Management - ISSN: 2165-784X

90. Engineering, Construction and Architectural Management- 0969-9988
91. Environment and Ecology – 9700420
92. Environment and Planning A - 0308518X
93. Environment And Planning B: Urban
94. Environment and Planning B: Planning and Design – 2658135
95. Environment and Planning D: Society and Space – 2637758
96. Environment and Urbanization - 0956-2478
97. Environment and Urbanization Asia - 0975-4253
98. Environmental Conservation - 0376-8929
99. Epites-Epiteszettudomány
100. Ergonomics & Human Factors - 2472-5838
101. Frontiers Of Ecological Environment- 1540-9295
102. Frontiers of Architectural Research - 2095-2635
103. Frontiers of Architectural Research
104. Frontiers of Materials Science - 2095025X
105. Geotechnical and Geological Engineering Facilities
106. Geotechnical Special Publication
107. Habitat International - 0197-3975
108. Iise Transactions On Occupational
109. Indoor and Built Environment - 1420-326x
110. Informes de la Construcción
111. Intelligent Buildings International 1750-8975
112. Interiors: Design, Architecture, Culture
113. International Archives Of Occupational And Environmental Health - 0340-0131
114. International Journal for Housing Science and Its Applications
115. International Journal of Architectural Heritage - 1558-3058
116. International Journal of Architecture and Planning - 2147-9380
117. International Journal of Building Pathology and Adaptation - 2398-4708
118. International Journal of Built Environment and Sustainability - 1511-1369
119. International Journal of Disaster Resilience in the Built Environment - 1759-5908
120. International Journal of Disaster Risk Reduction
121. International Journal of Heritage Architecture
122. International Journal Of Islamic Architecture - 2045-5895
123. International Journal of Low Carbon Technologies
124. International Journal Of Occupational And Environmental Health - 1077-3525
125. International Journal Of Occupational Safety And Ergonomics- 1080-3548
126. International Journal of Space Structures
127. International Journal of Sustainable Construction Engineering and Technology
128. International Journal Of Urban Sciences - 1226-5934
129. International Journal of Urban and Regional Research - 0309-1317
130. Journal f Construction in Developing Countries - 1823-6499
131. Journal of Applied Ecology - 1365-2664
132. Journal of Architectural and Planning Research - 0738-0895
133. Journal of Architectural Engineering - 1076-0431
134. Journal of Architectural and Planning Research
- 135.** Journal of Architectural Conservation - 1355-6207

136. Journal of Architectural Education
137. Journal of Architectural Engineering Technology - ISSN: 2168
138. Journal of Architecture - 1360-2365
139. Journal of Architecture and Urbanism - 2029-7955
140. Journal of Architecture and Construction
141. Journal of Architecture and Planning
142. Journal of Architecture and Urbanism
143. Journal Of Asian Architecture and Building Engineering - 1346-7581
144. Journal of Asian Architecture and Building Engineering
145. Journal of Asian Architecture and Building Engineering
146. Journal of Building Engineering - 2352-7102
147. Journal of Building Performance Simulation 1940-1493
148. Journal of Building Physics - 1744-2591
149. Journal of Civil Engineering and Architecture
150. Journal of Composites for Construction - 1090-0268
151. Journal of Conservation and Museum Studies- 2049-4572
152. Journal of Construction Engineering and Management-Asce - 0733-9364
153. Journal of Construction Research - 1609-9451
154. Journal of Engineering and Architecture
155. Journal Of Environmental And Public Health - 1687-9805
156. Journal Of Environmental Engineering And Landscape Management 1648-6897
157. Journal Of Environmental Psychology -0272-4944
158. Journal of Green Building - 1552-6100
159. Journal of Housing and the Built Environment- 1566-4910
160. Journal of Information Technology in Construction - 1874-4753
161. Journal of Intervention and State Building - 1750-2977
162. Journal of Land Use Science - 1747-423x
163. Journal of Landscape Architecture - 1862-6033
164. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction
165. Journal Of Occupational And Environmental Medicine - 1076-2752
166. Journal Of Occupational Health- 1341-9145
167. Journal Of Public Health In Africa- 2038-9922
168. Journal of Structural and Construction Engineering - 1340-4202
169. Journal of The Faculty Of Engineering And Architecture Of Gazi University
170. Journal of the Faculty of Engineering and Architecture of Gazi University
171. Journal of The Society Of Architectural Historians - 0037-9808
172. Journal of Transport and Land Use -1938-784
173. Journal of Urban and Regional Analysis 2067-4082
174. Journal of Urban Design - 1357-4809
175. Journal of Urban History - 0096-1442
176. Journal of Urban Planning And Development-Asce 0733-9488
177. Journal of Urban Technology - 1063-0732
178. Land Use Policy - 0264-8377
179. Landscape And Ecological Engineering - 1860-1871
180. Landscape And Urban Planning- 0169-2046
181. Landscape Architecture - 0023-8031

182. Landscape Architecture And Art - 2255-8632
183. Landscape Ecology - 0921-2973
184. Landscape Journal - 0277-2426
185. Landscape Research -0142-6397
186. Learning Landscapes - 1913-5688
187. Lighting Research And Technology- 1477-1535
188. Lotus International
189. METU Journal of the Faculty of Architecture
190. Nanotechnologies in Construction-A Scientific Internet-Journal- 2075-8545
191. New Arch-International Journal Of Contemporary Architecture - 2198-7688
192. Nexus Network Journal
193. Open Construction and Building Technology Journal - 1874-8368
194. Open House International
195. Organization Technology and Management in Construction - 1847-5450
196. Research in Design Series
197. Research in Engineering Design - Theory, Applications, and Concurrent Engineering
198. Revista INVI
199. Revista Proyecto, Progreso, Arquitectura
200. Science and Technology for the Built Environment - 2374-4731
201. Smart and Sustainable Built Environment - 2046-6099
202. Spatium
203. Structural Design of Tall and Special Buildings
204. Studies In The History Of Gardens & Designed Landscapes - 1460-1176
205. Sustainable Construction Materials and Technologies - 2515-3048
206. Techne-Journal Of Technology For Architecture And Environment - 2239- 0243
207. Thermal Performance of the Exterior Envelopes of Whole Buildings - 2166-8469
208. Tumu Jianzhuyu Huanjing Gongcheng /Journal of Civil, Architectural and Environmental Engineering
209. Tumu Gongcheng Xuebao/China Civil Engineering Journal
210. Urban Affairs Review - 1078-0874
211. Urban Climate 2212-0955
212. Urban Ecosystems 1083-8155
213. Urban Forestry & Urban Greening- 1618-8667
214. Urban Forestry and Urban Greening
215. Urban Morphology - 1027-4278
216. Urban Planning- 2183-7635
217. Urban Policy And Research - 0811-1146
218. Urban Research & Practice - 1753-5069
219. Vernacular Architecture 0305-5477
220. WIT Transactions on the Built Environment
221. Xi'an Jianzhu Keji Daxue Xuebao /Journal of Xi'an University of Architecture & Technology

1.2 Department of Construction Management and Technology

1. Construction Management and Economics -0144-6193
2. International Journal of Construction Management- 1562-3599
3. Advances in Civil Engineering - 1687-8094
4. International Journal of Management Science and Engineering Management-1750-9653
5. International Journal of Sustainability in Higher education-1467-6370
6. Journal of Geo-Science and Environmental Protection-2327-4344
7. Groundwater for Sustainable Development-2352801X
8. Sustainable Water Resources Management-2363-5027
9. Journal of Sustainability -2071-1050
10. International Journal of Physical Sciences - 1992-1950
11. Ceramic International - 0272-8842
12. Journal of Construction Innovation-1471-4175
13. Journal of Construction Engineering and Management -07339364
14. Open Construction And Building Technology Journal -1874-8368
15. Journal of Construction Research -1609-9451
16. African Journal of Business Management-1993-8233
17. American Journal of Civil Engineering-2330-8737
18. Engineering Science -2578-9279
19. Journal of Civil, Construction and Environmental Engineering-2637-3890
20. Industrial Engineering-2640-1118
21. American Journal of Science, Engineering And Technology-2578-8353
22. International Journal of Engineering Management-2640-1568
23. American Journal of Environmental and Resource Economics-2578-787x
24. American Journal of Management Science and Engineering-2575-1379

2.0 COLLEGE OF ENGINEERING TECHNOLOGY

2.1 Department of Civil Engineering

1. Journal of Civil Engineering and Management
2. Journal of Water Resources Planning and Management
3. Canadian Geotechnical Journal
4. Journal of Structural Engineering
5. Journal of Composites for Construction
6. Journal of Civil and Environmental Engineering
7. MUST Journal of Research and Development (MJRD)
8. The Tanzania Engineer Journal
9. Journal of Transportation Research
10. Journal of Transport Policy
11. KICEM Journal of Construction Engineering and Project Management
12. Tanzania Journal of Engineering and Technology
13. Geotechnical and Geological Journal
14. ELK's International Journal of Civil Engineering (EAPJCESD)
15. Journal of Materials in Civil Engineering
16. Journal of Bridge Engineering
17. Journal of Surveying Engineering

18. Journal of Irrigation & Drainage Engineering
19. ISPRS International Journal of Geoinformation
20. Journal of Remote Sensing and Environment
21. GIS Science and Remote sensing
22. Journal of Geographical Association of Tanzania
23. African Geographical Review
24. Geo-spacial Information Science Journal
25. Survey Review Journal
26. Journal of Environmental Science Engineering
27. International Achieves of Photogrammetry
28. Remote Sensing and Spatial Information Sciences
29. Journal of Data Analysis and Information Processing
30. International Journal of Environmental Studies
31. Journal of Soil and Sediments
32. Journal of Sediments Research
33. Journal of Hydrology
34. Journal of Environmental Management
35. Journal of Science and Total Environment
36. Journal of Environmental Radioactivity
37. ACI Structural Journal ISSN08893241
38. Engineering Structures ISSN: 0141-0296
39. Structural Control and Health Monitoring ISSN: 1545-2263
40. The Open Civil Engineering Journal ISSN:1874-1495
41. Civil Engineering Journal ISSN (Online) 2476-3055
42. Transportation Research Part D
43. The Journal of Transport and Land Use ISSN: 1938-7849
44. Journal of Transportation Engineering
45. Journal of Transportation Systems Engineering and Information Technology
46. International Journal of Traffic and Transportation Engineering
47. Transportation Engineering - Periodica Polytechnica
48. Journal of Traffic and Transportation Engineering
49. International Journal of Transportation
50. Industrial Engineering and Management
51. The Tanzania Engineer (IET Journal)
52. Journal of Outlook on Agriculture
53. Water Practice and Technology
54. Journal of Geoscience and Environment Protection
55. Journal of Agriculture and Sustainability
56. Agricultural Sciences
57. Engineering
58. MUST Journal of Research and Development.
59. Journal of Physics and Chemistry of the Earth
60. Journal of Hydrology
61. Fuzzy Sets and Systems

2.2 Department of Electrical and Power Engineering

1. Journal of Multidisciplinary Engineering Science and Technology
2. Journal of Advanced Engineering
3. International Journal of Recent Trends in Engineering & Technology
4. World Academy of Science, Engineering and Technology International Journal of Social
5. Science and Engineering
6. World Academy of Science, Engineering and Technology International Journal of
7. Electrical Science and Engineering
8. World Academy of Science, Engineering and Technology
9. World Academy of Science, Engineering and Technology International Journal of Energy
10. and Power Engineering
11. World Academy of Science, Engineering and Technology International Journal of
12. Electrical and Computer Engineering
13. World Academy of Science, Engineering and Technology International Journal of
14. Electrical and Information Engineering
15. Hindawi Journal of Engineering
16. International Journal of Engineering
17. International Journal of Scientific Research and Development –ISSN [Online]:2581-7175
18. International Journal of Electrical Power & Energy Systems
19. Sustainable Energy, Grids and Networks- Elsevier
20. South African Institute of Electrical Engineers (SAIEE) Africa Research Journal
21. Taylor & Francis Group journals
22. SSRG International Journal of Electrical and Electronics Engineering (IJEEE)
23. SSRG International Journal of Electronics and Communication Engineering (IJECE)
24. American Journal of Electrical and Electronic Engineering
25. Australian Journal of Electrical and Electronics Engineering
26. Universal Journal of Electrical and Electronic Engineering
27. Journal of Electrical and Electronics Engineering
28. Journal of Electrical & Electronic Systems ISSN:2332-0796
29. Scientific and Academic Publishing, Journal of Electrical and Electronic Engineering
30. International Journal of Advanced Electrical and Electronics Engineering (IJAEED),
31. Journal of Energy Technology and Policy, ISSN 2224-3232
32. International Journal of Electrical Power System and Technology , ISSN 2455-7293
33. Science publishing group Journals
34. International Journal of Energy and Power Engineering ISSN 2326-957
35. IEEE Journals
36. Elsevier Journals
37. International Journal of Electrical Engineering ISSN 1812-3031
38. Springer Journals
39. International Journal of IT, Engineering and Applied Sciences Research (IJIEASR)
40. Journal of Multidisciplinary Engineering Science and Technology (JMEST)
41. Journal of Engineering Research and Reports
42. Sustainable Environment Research
43. Journal of Energy in Southern Africa
44. International Journal of Renewable Energy Technology Research
45. Journal of energy technologies and Policy

46. International Journal of African and Asian Studies
47. Smart Grid and Renewable Energy
48. International Journal of Advanced Engineering Research and Technology (IJAERT)
49. Science Journal of Applied Mathematics and Statistics
50. International Journal of Environmental Protection and Policy
51. Industrial Engineering
52. American Journal of Electrical Power and Energy Systems
53. American Journal of Energy Engineering
54. American Journal of Environmental and Resource Economics
55. American Journal of Environmental Science and Engineering
56. Applied Engineering
57. International Journal of Economy, Energy and Environment
58. Science Journal of Energy Engineering
59. Journal of Energy, Environmental & Chemical Engineering
60. International Journal of Engineering Management
61. American Journal of Science, Engineering and Technology
62. American Journal of Electrical and Computer Engineering
63. American Journal of Applied Scientific Research
64. International Journal of Environmental Monitoring and Analysis

2.3 Department of Geosciences and Mining Technology

1. International Journal of Mining Science and Technology- Elsevier 2095-2686
2. Journal of Remote Sensing & GIS 2469-4134
3. Scientific Mining Journal 25647024
4. Oil and Gas Journal (Oil Gas J) 0030-1388
5. Journal of Petroleum Science and Engineering 0920-4105
6. Journal of Geophysics & Remote Sensing (*J Geophys Rem Sens*) 2169-0049
7. International Journal of Mining, Reclamation and Environment 1748-0930
8. Journal of Mining Science 1062-7391
9. International Journal of Mining and Mineral Engineering 1754-8918
10. Journal of Sustainable Mining- Elsevier 2543-4950, 2300-3960
11. Engineering Geology journal- Elsevier 0013-7952
12. International Journal of Rock Mechanics and Mining Sciences 1365-1609
13. International Journal of Mineral Processing 0301-7516
14. International journal of data mining and bioinformatics 1748-5681, 1748-5673
15. Applied Geochemistry 0883-2927
16. International Journal of Coal Geology 0166-5162
17. Computers and Geotechnics 0266-352X
18. Journal of Applied Geophysics 0926-9851
19. hydrometallurgy journal 0304-386X
20. Journal of Petroleum Exploration and Production Technology 2190-0558, 2190-0566

2.4 Department of Mechanical and Industrial Engineering

1. Journal of Biotechnology & Biomaterials
2. Journal of Nonmaterial's & Molecular Nanotechnology
3. Journal of Material Sciences
4. Polymer Sciences
5. Journal of Scientific and Industrial Metrology
6. Journal of Engineering and Technology
7. Materials Research journal
8. Materials and Design
9. Materials Today
10. Advances in Recycling & Waste Management
11. Expert Opinion on Environmental Biology Hybrid
12. Journal of Environmental Hazards Journal of Fundamentals of Renewable Energy and Applications
13. Journal of Industrial Pollution Control
14. Journal of Petroleum & Environmental Biotechnology
15. Journal of Pollution
16. Journal of Pollution Effects and Control
17. Journal of Ecology and Environmental Sciences
18. Resources, Recycling and Waste Management
19. Advances in Automobile Engineering
20. Advances in Robotics & Automation
21. Bioceramics Development and Applications
22. Biosensors Journal
23. European Journal of Applied Engineering and Scientific Research
24. Global Journal of Technology and Optimization
25. Industrial Engineering & Management
26. Innovative Energy & Research
27. International Journal of Advance Innovations, Thoughts & Ideas
28. International Journal of Advancements in Technology
29. Journal of Aeronautics & Aerospace Engineering
30. Journal of Applied Mechanical Engineering
31. Journal of Biosensors & Bioelectronics
32. Journal of Textile Science & Engineering
33. Journal of Engineering and Technology
34. Journal of Power and Energy Engineering
35. International Journal of Energy and Environmental Engineering
36. International Journal of Mechanical Sciences
37. Journal of Applied and Computational Mechanics
38. International Journal of Automotive and Mechanical Engineering
39. Advances in Mechanical Engineering
40. Journal of Modern Transportation
41. Robotics
42. International Journal of Optomechatronics
43. Transport Problems
44. International Journal of Rotating Machinery

45. Theoretical and Applied Mechanics
46. International Journal of Engineering and Technology Innovation
47. Journal of Agricultural Engineering
48. International Journal of Mechanical and Materials Engineering
49. Journal of Engineering
50. Journal of Mechanical Engineering and Sciences
51. Journal of Applied Fluid Mechanics
52. International Journal of Heat and Technology
53. Journal of Industrial Design and Engineering Graphics
54. Journal of Thermophysics and Heat Transfer
55. Journal of Biomedical Engineering and Medical Devices
56. Journal of Chemical Engineering & Process Technology
57. Journal of Ergonomics
58. International Journal of Occupational Safety and Ergonomics
59. Progress in Energy and Combustion Science
60. Progress in Energy and Combustion Science
61. Advances in Applied Mechanics
62. International Journal of Machine Tools & Manufacture
63. International Journal of Plasticity
64. Journal of Sandwich Structures and Materials
65. Mechanical Systems and Signal Processing
66. IEEE-ASME Transactions on Mechatronics
67. Nonlinear Dynamics
68. International Journal of Precision Engineering and Manufacturing-Green Technology
69. International Journal of Heat and Mass Transfer
70. Journal Elsevier
71. Science Direct Journal
72. Journal of fundamentals of renewable energy research
73. Internal journal of sustainable energy
74. Journal of energy research and environmental technology
75. Environmental technology and innovation
76. Energy and environmental SAGE journal
77. IJiet International Journal of Industrial Engineering and Technology
78. Solar energy materials and solar cells journal
79. The energy journal international association of energy
80. International journal of energy research
81. Applied energy journal
82. Advances in mechanical engineering SAGE journal
83. Advanced Mechanical Modeling of Nonmaterial and Nanostructures
84. Tanzania Journal of Agricultural Science (TAJAS)
85. The Tanzania Journal of Forestry and Nature Conservation
86. Tanzania Journal of Health Research (TJHR)
87. The Tanzania Journal of Science (Tanz. J. Sci)
88. The Eastern Africa Journal of Rural Development (EAJRD)
89. Journal of Science and Sustainable Development (JSSD)
90. Makerere Journal of Higher Education (MAJOHE)

91. African Journal of Biomedical Research
92. African Journal of Environmental Science and Technology (AJEST)
93. Global Journal of Engineering Research
94. Journal of Applied Science, Engineering and Technology

3.0 COLLEGE OF HUMANITIES AND BUSINESS MANAGEMENT

3.1 Department of Humanities Studies

1. Annual Review of Applied Linguistics
2. Journal of Memory and Language
3. Applied Linguistics
4. Communication Theory
5. Journal of Linguistics and Language in Education-UDSM
6. Linguistics and Education-An International Research Journal
7. Journal of Language and Linguistic Studies
8. Journal of Linguistics and Education Research
9. Open Journal of Modern Linguistics
10. Journal of Advances in Education Research (JAER)
11. Journal of Education, Humanities and Sciences

3.2 Department of Business Management

1. MUST Journal of Research and Development
2. Journal of International Business Studies
3. Journal of Management
4. Journal of Business Ethics
5. Review of Accounting Studies
6. Journal of Chinese Economic and Business Studies
7. Journal of Business and Economic Statistics
8. Entrepreneurship Theory and Practice
9. Journal of Economics and Business
10. Journal of Management
11. Academy of Management Journal
12. Annual Review of Organizational Psychology and Organizational Behavior
13. Journal of Information Technology
14. Journal of Service Research
15. Journal of Finance
16. Journal of the Academy of Marketing Science
17. Journal of International Business Studies
18. Journal of Supply Chain Management
19. Journal of Business Venturing
20. Journal of Economic Perspectives
21. International Journal of Management Reviews
22. Economic Geography
23. Journal of Marketing
24. Journal of Economic Literature
25. Journal of Operations Management

26. Journal of Interactive Marketing
27. Academy of Management Perspectives
28. Administrative Science Quarterly
29. Entrepreneurship Theory and Practice
30. Organizational Research Methods
31. Tourism Management
32. Journal of Financial Economics
33. Research Policy
34. Strategic Management Journal
35. Personnel Psychology
36. International Journal of Economics and Business Administration
37. International Journal of Economics and Business Research
38. Global Journal of Economics and Business Administration
39. American Journal of Economics and Business Administration
40. Journal of Economics, Management and Trade
41. Journal of Advances in Economics and Finance
42. Journal of Agricultural Economics
43. Journal of Agricultural and Applied Economics
44. Journal of Agricultural and Resource Economics
45. European Journal of Business and Management
46. The American Journal of Agricultural Economics
47. The African Journal of Food, Agriculture, Nutrition and Development
48. The African Journal of Agricultural Research
49. Business, Management and Economics Research
50. Journal of Agricultural Economics
51. Journal of Agriculture and Rural Development in the Tropics and Subtropics
52. Agricultural Extension and Rural Development
53. Journal of Agricultural Education and Extension (JCEE)
54. Tanzania Journal of Agricultural Sciences (TAJAS)
55. Uongozi Journal of Management and Development Dynamics
56. Journal of Policy and Leadership
57. Business Management Review
58. Business Education Journal (BEJ)
59. Tanzania Economic Review
60. Tanzania Journal of Development Studies
61. Tanzania Journal for Population studies and Development
62. Eastern Africa Journal of Rural Development
63. African Journal of Agricultural Research
64. African Journal of Economic Review (AJER)
65. African journal of agricultural economics and rural developments
66. The African Journal of Agricultural and Resource Economics (AfJARE)
67. Journal of Economics and Sustainable Development
68. Journal of Agricultural systems
69. International Journal of Business and Globalization
70. International Journal of Business Environment
71. International Journal of Business Continuity and Risk Management

72. International Journal of Business Performance and Management
73. International Journal of Business Performance and Supply Chain Modeling
74. International Journal of Business Process Integrations and Management
75. Global Business and Economics Review
76. African Journal of Accounting and Social Science Studies
77. African Journal of Economic and Sustainable Development
78. International Journal of Business Innovation and Research
79. International Journal of Agriculture Innovation, Technology and Globalization
80. African Journal of Rural Development

4.0 COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGY

1. African Journal of Applied Sciences
2. African Journal of Basic and Applied Sciences
3. African Journal of Information & Communication Technology
4. African Journal of Information Systems
5. African Journal of Mathematics and Computer Science Research
6. African Journal of Science and Research
7. African Journal of Science and Technology (AJST)
8. African Statistical Journal
9. Campus Wide Information Systems Journal
10. Data and Knowledge Engineering Journal
11. Electronic Journal of Information Systems in Developing Countries
12. International Journal for Infonomics
13. International Journal of Business intelligence and Data Mining
14. International Journal of Computing and ICT Research
15. International Journal of Data Mining and Bioinformatics
16. International Journal of Data Mining Modelling and Management
17. International Journal of Data Warehousing and Mining
18. International Journal of Education and Development using Information and Communication Technology
19. Information Technology and People – Journal
20. Information Technologies and International Development
21. International Journal of Electronic Government Research
22. International Journal of ICT Research and Development in Africa
23. International Journal of Information Communication Technologies and Development
24. International Journal of Machine Learning and Applications
25. International Journal of Multimedia Information Retrieval
26. International Journal on Advances in ICT for Emerging Regions
27. International Journal on Artificial Intelligence and Machine Learning IST-Africa
28. Journal of Artificial Intelligence in Medicine
29. Journal of Educational Data Mining
30. Journal of Education, Humanities and Sciences (JEHS)
31. Journal of Global Information Technology Management
32. Journal of Health Informatics in Developing Countries
33. Journal of Information Management & Computer Security

34. Journal of Information Technology & Politics
35. Journal of Internet Services and Applications
36. Journal of Knowledge Management
37. Journal of Machine learning research
38. Knowledge Management for Development Journal
39. Social Science Computer Review – Journal
40. Themes in Science and Technology Education
41. The Southern African Journal of information and Communication (SAJIC)
42. Third World Quarterly
43. Transforming Government: People, Process and Policy –Journal
44. World Development
45. International Journal of Interdisciplinary Telecommunications and Networking
46. ETRI Journal
47. AEU-International Journal of Electronics and Communications
48. Chinese Journal of Electronics
49. Computer Communications: The International Journal for the Computer and Telecommunications Industry
50. Digital Communications and Networks
51. IEEE Access
52. Wireless Networks: The Journal of Mobile Communication, Computation and Information
53. Physical Communication
54. Optical Switching and Networking: A Computer Networks Journal
55. Journal of Sensor and Actuator Networks
56. Journal of Internet Technology
57. Journal of Communications Technology and Electronics
58. Taylor & Francis Group
59. IEEE Xplore
60. ACM Digital Library
61. MDPI – Multidisciplinary Digital Publishing Institute
62. Mbeya University of Science and Technology Journal of Research and Development (MJRD)
63. International Journal of Sensor Networks
64. International Journal of Electronics, Communication and Soft Computing Science and Engineering
65. International Journal of Computer Engineering and Information Technology
66. International Journal of Computer (IJC) (2307-4523)
67. International Journal of Computer Trends and Technology (IJCTT) (2231-2803)
68. International Journal of Electrical Engineering and Technology (IJEET)
69. International Journal of Electronics and Communications
70. International Journal of Computational Intelligence Systems
71. International Journal of Networked and Distributed Computing
72. International Journal of Sensor Networks
73. Journal of Information Science and Engineering
74. Romanian Journal of Information Science and Technology
75. Maejo international journal of science and technology

76. Turkish Journal of Electrical Engineering & Computer Sciences
77. Electronics and Communications in Japan
78. Engineering Science and Technology, an International Journal
79. International Journal of Information Management
80. Computer Science and Information Systems
81. International Journal of Machine Learning and Applications
82. International Journal of Multimedia Information Retrieval
83. International Journal of Distributed Sensor Networks
84. International Journal of Data Mining and Bioinformatics
85. International Journal on Artificial Intelligence and Machine Learning
86. African Journal of Information & Communication Technology
87. African Journal of Information Systems
88. The Southern African Journal of information and Communication (SAJIC)
89. International Journal of Engineering Research in Africa
90. Journal of Internet Services and Applications
91. International Journal of Telemedicine and Applications
92. Journal of Cloud Computing-Advances Systems and Applications
93. International Journal on Information Technologies and Security
94. International Journal of Information Technologies and Systems Approach
95. International Journal of Intelligent Information Technologies
96. International Journal of Information and Communication Technology Education
97. International Journal of Knowledge-Based and Intelligent Engineering System

5.0 COLLEGE SCIENCE AND TECHNICAL EDUCATION

5.1 Department of Applied Sciences

1. International Journal of Food Science
2. International Journal of Fruit Science
3. Food Packaging and Shelf Life
4. *LWT - Food Science and Technology*
5. *Scientia Horticulture*
6. *Postharvest biology and Technology*
7. Plant Horticultural Journal
8. Journal of Food Measurement and Characterization
9. Journal of Food Processing and Preservation
10. Journal of Food Science
11. Food Science and Technology International
12. Journal of Food Science Research
13. Trends in Food Science & Technology
14. Food Microbiology
15. Food Science and Human Wellness
16. Journal of the Science of Food and Agriculture
17. Journal of Agriculture and Food Research
18. Journal of Agricultural and Food Chemistry
19. International Journal of Postharvest Technology and Innovation

5.2 Department of Medical Sciences and Technology

1. Nature Biomedical Engineering
2. Annual Review of Biomedical Engineering
3. Biosensors and Bioelectronics
4. Biofabrication
5. IEEE Reviews in Biomedical Engineering
6. Annals of Biomedical Engineering
7. IEEE Transactions on Biomedical Circuits and Systems
8. Medical Devices: Evidence and Research
9. Medical and Biological Engineering and Computing
10. Bio-Medical Engineering Online
11. Annual Review of Biomedical Engineering
12. Annals of Biomedical Engineering
13. Annual Review of Public Health
14. PLoS Neglected Tropical Diseases
15. Bulletin of the World Health Organization
16. American Journal of Public Health
17. Epidemics
18. Journal of Epidemiology and Community Health
19. Journal of Global Health
20. One Health
21. Value in Health
22. Journal of Health and Social Behavior
23. Antimicrobial Resistance and Infection Control
24. Reviews of Environmental Contamination and Toxicology
25. Tropical Medicine and International Health
26. International Journal of Hygiene and Environmental Health
27. Pathogens and Global Health
28. Public Health Nutrition
29. Public Health Reports
30. Zoonoses and Public Health
31. Journal of Health Communication
32. Global Health Action
33. Journal of Infection and Public Health
34. Journal of Biomedical Sciences
35. Medical Sciences Journal
36. Journal of Research in Medical Sciences
37. Advances in Medical Sciences
38. IEEE Journal of Biomedical and Health Informatics
39. The American Journal of the Medical Sciences
40. Journal of Bioscience and Bioengineering
41. Journal of Biomedical Engineering and Medical devices
42. Journal of Medical Internet Research
43. Journal of the American Medical Informatics Association : JAMIA
44. Internet Interventions
45. Journal of Biomedical Informatics

46. International Journal of Medical Informatics
47. Telemedicine Journal and e-Health
48. Computerized Medical Imaging and Graphics
49. BMC Medical Informatics and Decision Making
50. Journal of Clinical Monitoring and Computing
51. Computer Methods and Programs in Biomedicine
52. Biomedical Signal Processing and Control
53. Open Bioinformatics Journal
54. Healthcare Informatics Research
55. Health Informatics Journal
56. Journal of Medical Systems
57. Applied Clinical Informatics
58. Informatics for health & social care
59. Journal of Medical Imaging and Health Informatics

5.3 Department of Mathematics and Statistics

1. Journal of Scientific Research and Reports
2. Journal of Scientific Research Publishing
3. British Journal of Mathematics and Computer Science
4. Mathematical Bio-sciences and Engineering
5. International Journal Of Numerical Analysis And Modeling
6. Iranian Journal Of Fuzzy Systems
7. Japanese Journal Of Mathematics
8. Journal of Algebraic Geometry
9. Journal of Convex Analysis
10. Journal of Dynamics and Differential Equations
11. Journal of Education, Humanities and Sciences (JEHS)
12. Journal of Evolution Equations
13. Journal of Fixed Point Theory and Applications
14. Journal of Function Spaces and Applications
15. Journal of Integral Equations and Applications
16. Journal of Lie Theory
17. Journal of Mathematical Logic
18. Journal of Mathematical Sciences-The University of Tokyo
19. Journal of Mathematics of Kyoto University
20. Journal of Modern Dynamics
21. Journal of Noncommutative Geometry
22. Journal of Nonlinear and Convex Analysis
23. Journal of Numerical Mathematics
24. Journal of Operator Theory
25. Journal of Pure and Applied Algebra
26. Journal of Symbolic Logic
27. Journal of Symplectic Geometry
28. Journal of the American Mathematical Society
29. Journal of the European Mathematical Society
30. Journal of the Institute of Mathematics of Jussieu

31. Journal of the Korean Mathematical Society
32. Journal of the Mathematical Society of Japan

5.4 Department of Natural Science

1. Science of the total environment
2. Chemosphere
3. Plos One
4. Conservation Biology
5. Environmental science and technology
6. Food additives and contaminants
7. Environmental pollution
8. International journal of environmental analytical chemistry
9. WIO Journal of marine sciences
10. Ecotoxicology and environmental safety
11. Environmental toxicology and chemistry
12. Marine Pollution Bulletin
13. Weather and forecasting
14. Climate simulation and prediction
15. Applied Meteorology and climatology
16. Journal of Aquaculture Research and Development
17. Journal of Biodiversity and Endangered species
18. Journal of Earth Science and Climatic Change
19. Journal of Fisheries and livestock Production
20. Journal of Fisheries and Wildlife Sciences
21. Journal of Animal Biodiversity and Conservation
22. Journal of Avian Conservation and Ecology
23. Journal of Conservation Evidence
24. Journal of Conservation Genetics Resources
25. Journal of Bird Conservation International
26. Journal of Primate Conservation
27. Global Journal of Environmental Sciences
28. International Forestry Review
29. International Journal of Agronomy
30. International Journal of Biodiversity
31. International Journal of Biodiversity and Management
32. International Journal of Biodiversity Science, Ecosystem services and Management
33. International Journal of Ecology
34. International Journal of Forestry Research
35. International Journal of Tropical Biology
36. Journal of Applied Ecology
37. Journal of Biogeography
38. Journal of Ecology
39. Journal of Ecosystems
40. Journal of Education, Humanities and Science
41. Journal of Environmental and Public Health
42. Journal of Ethnobiology and Ethno medicine

43. Achieves of Pharmaceutical Research
44. Accounts of Chemical Research
45. Advanced Synthesis and Catalysis
46. Bulletin of the Chemical Society of Japan
47. Carbohydrate Research
48. Chemistry-A European Journal
49. Chemistry of Pharmaceutical Bulletin
50. Chemical Reviews
51. Current Organic Chemistry
52. European Journal of Inorganic Chemistry
53. European Journal of Medicinal Chemistry
54. Integrated Environmental Science Journal
55. Institute of Chemistry
56. Journal of American Chemical Society
57. Journal of Education, Humanities and Sciences (JEHS)
58. Journal of Carbohydrate Chemistry
59. Journal of Chromatography A
60. Journal of Chromatography B
61. Journal of Heterocyclic Chemistry
62. Journal of the Korean Society for Applied Biological Chemistry
63. Journal of Labelled Compounds and Radiopharmaceuticals
64. Journal of Medicinal Chemistry
65. Journal of the Mexican Chemical Society
66. Journal of Organic Chemistry
67. Journal of Organometallic Chemistry
68. Journal of Pharmaceutical Sciences and Research
69. Journal of Physical Chemistry B
70. Journal of Solid State Electrochemistry
71. Journal of Surfactants and detergents
72. Journal of Theoretical & Computational Chemistry
73. Journal of Toxicology and Environmental Health-part a-Current Issues
74. Journal of Toxicological Sciences
75. Journal of Water Chemistry and Technology
76. Journal of Wood Chemistry and Technology
77. Letters in Drug Design & Discovery
78. Letters in Organic Chemistry
79. Materials Chemistry and Physics
80. Natural Product Research
81. Organic Geochemistry Journal
82. Organic Letters
83. Organic Syntheses
84. Organic Process Research and Development
85. Pharmaceutical Chemistry Journal
86. Pharmaceutical Chemistry Journal
87. Phyton-International Journal of Experimental Botany
88. Polish Journal of Chemical Technology

89. Research Journal of Chemistry and Environment
90. American Journal of Physics
91. Annual Review of Astronomy and Astrophysics
92. Annual Review of Fluid Mechanics
93. Annual Review of Materials Science
94. Applied Optics
95. Applied Physics B
96. Applied Physics Letters
97. Astrophysics and Space Science
98. Astronomy and Astrophysics
99. Astronomy and Geophysics
100. Astrophysics and Space Science
101. Astroparticle Physics
102. Biophysical Journal
103. Biophysical Reviews and Letters
104. Canadian Journal of Physics
105. Central European Journal of Physics
106. Classical and Quantum Gravity
107. Communications in Mathematical Physics
108. Computational Materials Science
109. Computer Physics Communications
110. Combinatorial and Artificial Intelligence Methods in Materials Science
111. Computational Materials Science
112. Computational Materials Science
113. Computer Simulation in Materials Science
114. Cross-Disciplinary Applied Research In Materials Science and Technology
115. Current Opinion in Solid State & Materials Science
116. Electronic Journal of Theoretical Physics

5.5 Department of Technical Education

1. American Educational Research Journal
2. African Educational Research Journal
3. Administrative Issues Journal: Connecting Education, Practice and Research
4. Adult learner: The Irish Journal of Adult and Community
5. Alabama Journal of Educational Leadership
6. African Journal of Research in Mathematics, Science and Technology Education
7. American Journal of Engineering Education
8. American Journal of Health Education
9. Applied Environmental Education and Communication
10. Applied Measurement in Education
11. American Journal of Sexuality Education
12. Art Education
13. Anthropology and Education Quality
14. American Journal of Distance Education
15. Asian Journal of University Education
16. Asia-Pacific Science Education

17. Asia-Pacific Journal of Teacher Education
18. Asia-Pacific Forum on Science Learning and Teaching
19. Asia-Pacific Education Researcher
20. Assessment for Effective Intervention
21. Assessment in Education: Principles, Policy & Practice
22. Assessment & Evaluation in Higher Education
23. Australian Journal of Early Childhood
24. Australian and Journal of Special and Inclusive Education
25. Australian Journal of Gifted Education
26. Australian Journal of Educational Technology
27. Australian Journal of Music Education
28. Australian Journal of Teacher Education
29. British Journal of Educational Psychology
30. British Journal of Educational Studies
31. British Journal of Sociology of Education
32. British Journal of Guidance and Counselling
33. Career and Technical Education Research
34. Center for Educational Policy Studies Journal
35. Chemistry Education Research and Practice
36. Compare: A Journal of Comparative and International Education
37. Child Development Journal
38. Developmental Science
39. Decision Science: Journal of Innovative Education
40. Educational Management Administration & Leadership
41. Educational Policy Analysis and Strategic Research
42. Educational Policy Analysis and Strategic Research
43. Educational Science: Theory and Practice
44. Electronic Journal of Science Education
45. Education development Journal
46. Educational Researcher Journal
47. Education Finance and Policy Journal
48. Field Methods
49. Frontiers: The Interdisciplinary Journal of Study Abroad
50. Gender and Education
51. Globalization, Societies and Education
52. Higher Education Politics & Economics
53. Higher Education Research and Development
54. Higher Education: The International Journal of Higher Education Research
55. International Journal of Instruction
56. International Journal of Research & Method in Education
57. International Journal of Research in Education and Science
58. International journal of multicultural education
59. International Journal of Language Education
60. International Journal of Instruction.
61. International Journal of Educational Development
62. International Journal of adolescence and youth

63. Internet and Higher Education Journal
64. Journal of Behavioural Education
65. Journal of experimental psychology
66. International Journal of Instruction
67. Journal of Education and Learning
68. Journal of International and Comparative Education
69. Journal of Engineering Education
70. Journal of Agriculture
71. Journal of AERA Open
72. Journal of Higher education pedagogies
73. Journal of Open review of education research
74. Journal of Issues and Practice in Education (JIPE)
75. Journal of Review of Educational research
76. Journal of Education Evaluation and Policy Analysis
77. Journal of Educational Psychology
78. Journal of Classroom Interaction
79. Journal of Cognition and Development
80. Journal of Language and Linguistic Studies
81. Journal of Teaching in Physical Education
82. Journal of Sociology of Education
83. Malaysian Journal of Learning and Instruction
84. Mediterranean Journal of Social sciences
85. New Zealand Journal of Teachers work
86. New Zealand Journal of Educational Studies
87. Oxford Review of Education
88. Open Journal for Educational Research
89. Practice and Theory in Systems of Education
90. Philosophical Inquiry in Education
91. Quality Assurance in Education: An International Perspective
92. Research in Education
93. Research and Practice in Assessment
94. Reading & Writing: Journal of the Reading Association of South Africa
95. Research and Teaching in Developmental Education
96. Review of Education, Pedagogy & Cultural Studies
97. Review of International Geographical Education Online
98. South African Journal of Higher Education
99. Studies in Continuing Education
100. Studies in Science Education
101. Studies in Philosophy and Education
102. Strategies: A Journal for Physical and Sports Education
103. Teacher Development
104. Teacher Education and Special Education
105. Teaching Statistics: An International Journal for Teachers
106. Technology, Pedagogy and Education
107. Turkish Online Journal of Educational Technology – (TOJET)
108. Theory and Research in Social Education

- 109. Urban Review: Issues and Ideas in Public Education
- 110. Victorian Journal of Music Education
- 111. Values and Ethics in Educational Administration
- 112. World Journal on Educational Technology: Current Issues
- 113. World Journal of Education
- 114. ZDM: The International Journal on Mathematics Education

PREDATORY JOURNALS AS PER COLLEGE/DEPARTMENT

| S/N | COLLEGE/DEPARTMENT | PREDATORY JOURNALS | ACTION TAKEN |
|-----|-----------------------------------|---|--------------|
| 1. | Architecture and Arts Design | International Journal of Engineering Research & Technology. | Omitted |
| 2. | Civil Engineering | <ul style="list-style-type: none"> 1. International Research Journal of Engineering and Technology. 2. International Journal of Engineering Research. | Omitted |
| 3. | Electrical and Power Engineering | <ul style="list-style-type: none"> 1. International Refereed Journal of Engineering and Science (IRJES). 2. International Journal of Innovative Research in Advanced Engineering (IJIRAE). 3. 3. International Research Journal of Engineering and Technology (IRJET). 4. International Journal of Science and Research. 5. International Journal of Scientific and Research Publications. 6. International Journal of Engineering Trends and Technology. 7. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering. 8. International Journal of Scientific Research Publications. 9. International Journal of Engineering Research and Technology. 10. International Journal of Emerging Technology and Advanced Engineering. | Omitted |
| 4. | Geosciences and Mining Technology | None | - |

| | | | |
|----|---|--|---------|
| 5. | Mechanical and Industrial Engineering | 1. Internal Journal of Renewable Energy Research (IJRER). | Omitted |
| 6. | Humanities and Business Management | 1. Journal of Economics, Business and Management. 2. International Journal of Research in Business Studies and Management. | Omitted |
| 7. | Information, Communication and Technology | 1. International Journal of Computer Science and Network Security. 2. International Journal of Information Technology and Computer Science. 3. International Journal of Electronics and Telecommunications. 4. International Journal of Advanced Research in Computer Science and Software Engineering. 5. International Journal of Research in Advanced Engineering and Technology. 6. International Journal of Scientific and Research Publications. 7. International Journal of Engineering Research and Technology. 8. International Journal of Electrical Electronics Engineering (IJEED). 9. International Journal of Information Technology and Computer Science. | Omitted |
| 8. | Science and Technical Education | 1. Asian Journal of Chemistry. 2. Journal of Natural Products. 3. Journal of Education and Social Sciences. | |