University of Dar es Salaam

FACTS AND FIGURES

2015/16 - 2020/21

June, 2022

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PREFACE

Information on the University Facts and Figures is useful in supporting decisions related to management, administration, planning, and research in addition to guiding the planning and development functions of the University. The University of Dar es Salaam (UDSM) Facts and Figures 2015/2016-2020/2021 report contains information of the preceding edition updated with the current information, which is presented in pie-charts, histograms and tables and narrative form. The main report focuses on the entire University, whose depiction is in a summary form. Detailed data for the particularised units appear as Appendices A, B, and C.

The information contained in this report is based on the data sourced from the units, particularly the Colleges, Schools, Institutes, Dean of Student's Office, the Directorate of Undergraduate Studies, the Directorate of Postgraduate Studies, the Directorate of Human Resource and Administration, the Directorate of Research and Publication, the University Library and the Office of the Chief Corporate Counsel and Secretary to the Council. Respective unit's official databases were the root sources of data.

This report is for public consumption and serves three purposes. Firstly, it serves as a source of information on various aspects of the UDSM to stakeholders such as University Administrators, Managers, Planners, Government Departments, Policy-makers, Teaching and Research Staff, Students and the public at large. Secondly, the report provides key information to current and prospective donors, researchers and other partners on the status of the University pertaining to teaching, research and knowledge exchange activities. Lastly, the information contained in this report will help raise the visibility of the University locally and internationally, hence affecting the UDSM's ranking in various arenas. Ultimately, the goal is for the UDSM to continue issuing various editions of the Facts and Figures report to ensure that its current and prospective stakeholders access factual, updated and timely information which will inform their decisions on the University.

Finally, I wish to express my gratitude to the Directorate of Planning, Development and Investment for accomplishing this noble task.

Prof. William A. L. Anangisye
Vice Chancellor

ACKNOWLEDGMENT

ABBREVIATIONS AND ACRONYMS

%F	Percentage of Females
A/Lect.	Assistant Lecturer
A/Prof.	Associate Professor
ARIS	Academic Registration Information System
B.A.	Bachelor of Arts
B.Com.	Bachelor of Commerce
B.Ed.	Bachelor of Education
B.Sc.	Bachelor of Science
B.Sc.-IT	Bachelor of Science in Information Technology
BERE	Bureau of Educational Research and Evaluation
BICO	Bureau for Industrial Co-operation
BRALUP	Bureau of Resource Assessment and Land Use Planning
CASS	College of Arts and Social Sciences
CCE	Centre for Continuing Education
CCNA	Cisco Networking Academy
CCNP	Cisco Certified Network Professional
CED	Centre for Entrepreneurship Development
CES	Centre for Environmental Studies
CI-UDSM	Confucius Institute at the University of Dar es Salaam
CoAF	College of Agricultural Sciences and Food Technology
CoET	College of Engineering and Technology
CoHU	College of Humanities
CoICT	College of Information and Communication Technologies
CoNAS	College of Natural and Applied Sciences
CoSS	College of Social Sciences
CSFM	Centre for the Study of Forced Migration
CVL	Centre for Virtual Learning
DPGS	Directorate of Postgraduate Studies
DUCE	Dar es Salaam University College of Education
DUS	Directorate of Undergraduate Studies
F	Female
FIS	Financial Information System
IDS	Institute of Development Studies
IKS	Institute of Kiswahili Studies
IMF	International Monetary Fund
IMS	Institute of Marine Sciences
IRA	Institute of Resource Assessment
Lect.	Lecturer
LMS	Learning Management System
M	Male
M.A.	Master of Arts

M.Ed.	Master of Education
M.Sc.	Master of Science
M.Sc.- IT	Master of Information Technology (M.Sc.-IT)
MBA-IT	MBA in International Business
Mbps	Megabits per second
MCDA	Multi-Criteria Decision Analysis
MCHAS	Mbeya College of Health and Allied Sciences
MCSA	Microsoft Certified Solutions Associate
MCSE	Microsoft Certified Solutions Expert
MEM	Master of Engineering Management
MFC	Master of Finance & Control
MJKNMC	Mwalimu Julius Kambarage Nyerere Mlimani Campus
MoEST	Ministry of Education, Science and Technology
MoEVT	Ministry of Education and Vocational Training
MoU	Memorandum of Understanding
MUCE	Mkwawa University College of Education
MUCHS	Muhimbili University College of Health Sciences
OCA	Oracle Certified Associate
OPAC	Online Public Access Catalogue
OPRAS	Open Performance Review and Appraisal System
PDDFL	Post Graduate Diploma in French Language
PDG-IT	Post-Graduate Diploma in Information Technology
PEDP	Primary Education Development Programme
PG	Postgraduate
PGD	Postgraduate Diploma
PGDE	Postgraduate Diploma in Education
PGDEM	Postgraduate Diploma in Engineering management
Prof.	Professor
QAU	Quality Assurance Unit
S/Lect.	Senior Lecturer
SEDP	Secondary Education Development Programme
SJMC	School of Journalism and Mass Communication
SoAF	School of Aquatic Sciences and Fisheries Technology
SoED	School of Education
SoHS	School of Health Sciences
SoMG	School of Mines and Geosciences
STM-1	Synchronous Transport Module level-1
T	Total
T/A	Tutorial Assistant
UCB	University Consultancy Bureau
UCC	University Computing Centre
UCLAS	University College of Lands and Architectural Studies
UDBS	University of Dar es Salaam Business School

UDSM	University of Dar es Salaam
UDSoEC	University of Dar es Salaam School of Economics
UDSoL	University of Dar es Salaam School of Law
UG	Undergraduate
UGS	Undergraduate Studies
UN	United Nations
USAB	University Student Accommodation Bureau

1 INTRODUCTION

1.1 The University of Dar es Salaam

1.1.1 Background

The University of Dar es Salaam (UDSM) started as a College under the guidance of the University of London in October 1961. The College's central obligation was to train high-level, requisite human resources for the development of the nascent nation and to be an instrument for the ideological and social orientation of the national elite at the same time. The College started with a single faculty, the Faculty of Law, in 1961. This faculty was followed by the Faculty of Arts and Social Sciences in 1964 and the Faculty of Science in 1965.

In order for the College to fulfil its historic obligation, it had to expand its physical and technical capacity. The expansion of the College took place in a number of major phases of change, namely the reconstitution of the institution as a constituent college of the University of East Africa in 1963, the expansion of the scope of its educational package from a single law programme that was established in 1961 to five degree programmes by 1969, the relocation of the College in 1964 from a single building at Lumumba Street, Dar es Salaam, where it was initially housed, to the present location (Mwalimu Julius Nyerere Mlimani Campus) and the Africanisation of the institution by gradually replacing the expatriate staff with Tanzanians or Africans.

In 1970 the University of East Africa was dissolved and the University of Dar es Salaam was established followed by major curricular transformations which led to the establishment of the Faculties of Engineering and Commerce in 1973 and 1979, respectively. These were preceded by two off-campus faculties, the Faculty of Medicine (in Dar es Salaam) and the Faculty of Agriculture (in Morogoro), which were set up in 1968 and 1969, respectively. The process of consolidation continued throughout the 1980s and the 1990s. By 1996, UDSM had grown into an all-round university, offering all the major traditional university disciplines, including the Humanities, Social Sciences, Physical and Biological Sciences, Medicine, Agriculture, Commerce and Management, Engineering, Lands and Architectural Studies later on in 2003 the Journalism and Mass Communication formed part of the programmes offered by the University.

The process of consolidating the institution was at some points interrupted by the Government's strategic decisions, through which three of its important academic units, namely the Faculty of Agriculture, Forestry and Veterinary Medicine (1984), the Muhimbili University College of

Health Sciences (2006), and the University College of Lands and Architectural Studies (2006), became autonomous universities. However, the re-consolidation of the UDSM continued and two new constituent colleges of education were established in 2005, one in Dar es Salaam and another in Iringa. The process of re-consolidating the University continues under the current Corporate Strategic Plan, particularly by restoring its capacity to address development challenges relating to health, agricultural development and decent housing. The results of consolidating the institution include the establishment of the College of Agricultural Sciences and Fisheries Technology (CoAF) and the School of Health Sciences in 2015 at Mwalimu Julius Nyerere Mlimani Campus (MJNMC). The School was subsequently upgraded to the University of Dar es Salaam - Mbeya College of Health and Allied Sciences (UDSM-MCHAS). In 2020, the University established three new schools, which are the University of Dar es Salaam School of Economics (UDSE), School of Mines and Geosciences (SoMG), and School of Aquatic Sciences and Fisheries Technology (SoAF). Furthermore, in 2020, the Mineral Resource Institute (MRI) of the Ministry of Minerals became officially integrated into the UDSM.

1.1.2 *Organisational Structure of the University of Dar es Salaam*

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                              CHANCELLOR
                               COUNCIL
                          VICE CHANCELLOR
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LEGAL SERVICE UNIT	CONSTITUENT COLLEGES
DIRECTORATE OF INTERNATIONALISATION, CONVOCATION AND ADVANCEMENT	DIRECTORATE OF INFORMATION AND COMMUNICATION TECHNOLOGIES
QUALITY ASSURANCE UNIT	INTERNAL AUDIT UNIT
COMMUNICATION AND MARKETING UNIT	PROCUREMENT MANAGEMENT UNIT

OFFICE OF DEPUTY VICE CHANCELLOR - ACADEMIC

- DIRECTORATE OF UNDERGRADUATE STUDIES
- DIRECTORATE OF LIBRARY SERVICES
- COLLEGE OF SOCIAL SCIENCES
- UDSM-MBEYA COLLEGE OF HEALTH AND ALLIED SCIENCES
- COLLEGE OF AGRICULTURE AND FOOD TECHNOLOGY
- COLLEGE OF HUMANITIES
- UNIVERSITY OF DAR ES SALAAM SCHOOL OF ECONOMICS
- SCHOOL OF AQUATIC SCIENCES AND FISHERIES TECHNOLOGIES
- UNIVERSITY OF DAR ES SALAAM BUSINESS SCHOOL
- SCHOOL OF MINES AND GEOSCIENCES
- INSTITUTE OF RESOURCE ASSESSMENT
- INSTITUTE OF GENDER STUDIES

- DIRECTORATE OF POSTGRADUATE STUDIES
- COLLEGE OF ENGINEERING AND TECHNOLOGY
- COLLEGE OF NATURAL AND APPLIED SCIENCES
- COLLEGE OF INFORMATION AND COMMUNCATION TECHNOLOGIES
- UNIVERSITY OF DAR ES SALAAM SCHOOL OF LAW
- SCHOOL OF JOURNALISM AND MASS COMMUNICATION
- SCHOOL OF EDUCATION
- INSTITUTE OF DEVELOPMENT STUDIES
- INSTITUTE OF MARINE SCIENCES
- UNIVERSITY OF DAR ES SALAAM MINERAL RESOURCES INSTITUTE
- INSTITUTE OF KISWAHILI STUDIES

OFFICE OF DEPUTY VICE CHANCELLOR - RESEARCH

- DIRECTORATE OF RESEARCH AND PUBLICATION
- DIRECTORATE OF INNOVATION AND ENTREPRENEURSHIP
- DIRECTORATE OF PUBLIC SERVICES

OFFICE OF DEPUTY VICE CHANCELLOR - ADMINISTRATION

- DIRECTORATE OF HUMAN RESOURCE MANAGEMENT AND ADMINISTRATION
- DIRECTORATE OF PLANNING, DEVELOPMENT AND INVESTMENT
- DIRECTORATE OF FINANCE
- DIRECTORATE OF ESTATES SERVICES
- DIRECTORATE OF SOCIAL SERVICES
- DIRECTORATE OF STUDENTS SERVICES

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1.1.3   Academic Structure of the University of Dar es Salaam

The academic structure of the University of Dar es Salaam consists of Constituent Colleges, Campus Colleges, Schools, Institutes, Bureaux and Centres as listed in the subsequent subsections.

1.1.3.1   UDSM Constituent Colleges

1. Dar es Salaam University College of Education (DUCE); and
2. Mkwawa University College of Education (MUCE);

1.1.3.2   UDSM Campus Colleges

1. College of Engineering and Technology (CoET);
2. College of Natural and Applied Sciences (CoNAS);
3. College of Information and Communication Technologies (CoICT);
4. College of Social Sciences (CoSS);
5. College of Humanities (CoHU);
6. College of Agriculture and Food Technology (CoAF); and
7. University of Dar es Salaam - Mbeya College of Health and Allied Sciences (UDSM-MCHAS).

1.1.3.3   UDSM Schools

1. University of Dar es Salaam Business School (UDBS);
2. School of Education (SoED);
3. University of Dar es Salaam School of Law (UDSoL);
4. School of Journalism and Mass Communication (SJMC);
5. University of Dar es Salaam School of Economics (UDSoEC);
6. School of Mines and Geosciences (SoMG); and
7. School of Aquatic Sciences and Fisheries Technology (SoAF).

1.1.3.4   UDSM Institutes

1. Institute of Development Studies (IDS);
2. Institute of Gender Studies (IGS);
3. Institute of Kiswahili Studies (IKS);
4. Institute of Marine Sciences (IMS), located in Zanzibar;
5. Institute of Resource Assessment (IRA);
6. Confucius Institute (CI); and
7. University of Dar es Salaam - Mineral Resources Institute (UDSM-MRI), Located in Dodoma.

1.1.3.5   UDSM Centres

1. Centre for Continuing Education (CCE);
2. Centre for Climate Change Studies (CCCS);
3. Centre for the Study of Forced Migration (CSFM);
4. Centre for Virtual Learning (CVL);
5. Technology Development and Transfer Centre (TDTC); and
6. University of Dar es Salaam Innovation and Entrepreneurship Centre (UDIEC).

1.1.3.6 UDSM's Companies

1. University Computing Centre (UCC); and
2. Dar es Salaam University Press (DUP).

1.1.3.7 UDSM's Research Stations and Centres

The following are research stations of the University of Dar es Salaam:

1. Pangani;
2. Ngurdoto; and
3. Tukuyu.

The following are Research Centres of the University of Dar es Salaam:

1. Population Studies and Research Centre (PSRC);
2. Society and Religion Research Centre (SORRECE);
3. Humanities Research Centre (HRC);
4. Centre for Climate Change Studies (CCCS);
5. Korean Studies Centre (KSC);
6. Centre for Educational Research and Professional Development (CERPD);
7. Technology Development and Transfer Centre (TDTC);
8. Research and Education for Democracy in Tanzania (REDET);
9. Centre for Chinese Studies;
10. Centre for Behavioural Studies (CBS);
11. Centre for Entrepreneurship Development (CED);
12. Centre for Economics Research and Policy (CERP);
13. Environment for Development Tanzania (EfDT);
14. Centre for Communications Studies (CCS);
15. Centre for Banking and Financial Services Research;
16. Centre for Tourism Research (CTR);
17. Logistics Centre;
18. Institute of Marine Sciences Mariculture Centre (IMS-MC); and
19. Centre for Social and Political Research (CSPR).

The following are Professorial Research Chairs of the University of Dar es Salaam:

1. Mwalimu Nyerere Professorial Chair in Pan Africanism (MJNPC-PAS);
2. Mwalimu Nyerere Professorial Chair in Kiswahili;
3. Mwalimu Nyerere Professorial Chair in Environment and Climate Change;
4. Mwalimu Nyerere Professorial Chair in Development; and
5. Mwalimu Nyerere Professorial Chair in Biotechnology (MJNPC-Biotechnology).

1.1.3.8 UDSM's Open Distance eLearning Centres (ODeL)

1. Mbeya,
2. Mwanza
3. Arusha.

1.1.3.9 UDSM's Bureaux

1. Quality Assurance Unit;
2. University Consultancy Bureau (UCB);
3. Bureau for Industrial Co-operation (BICO);
4. Bureau of Educational Research and Evaluation (BERE);
5. Economic Research Bureau (ERB); and
6. University Students Accommodation Bureau (USAB).

1.1.3.10 UDSM's Library

1. Dr. Wilbert Chagula University Library; and
2. New University of Dar es Salaam Library.

1.1.4 University of Dar es Salaam Campuses

The University of Dar es Salaam has three major campuses, namely the Mwl. J. Nyerere Mlimani Campus, in Dar es Salaam; the DUCE Campus located at the Chang'ombe area, Dar es Salaam; and the MUCE Campus located in Iringa Municipality.

1.1.4.1 Mwl. J. Nyerere Mlimani Campus

The Dar es Salaam based MJNMC is located at the Observation Hill (popularly known as Mlimani). The MJNMC has main campus and sub-campus units (colleges, schools and institutes). The Main Campus has the following Colleges, Schools and Institutes:

1. College of Engineering and Technology (CoET);
2. College of Natural and Applied Sciences (CoNAS);
3. College of Humanities (CoHU);
4. College of Social Sciences (CoSS);
5. College of Agriculture and Food Technology (CoAF);
6. University of Dar es Salaam Business School (UDBS);
7. University of Dar es Salaam School of Law (UDSoL);
8. School of Education (SoED);
9. University of Dar es Salaam School of Economics (UDSoEC);
10. School of Mines and Geosciences (SoMG);
11. Institute of Development Studies (IDS);
12. Institute of Resource Assessment (IRA);
13. Institute of Kiswahili Studies (IKS); and
14. Confucius Institute (CI).

The following Colleges, Schools and Institutes are located outside the MJNMC:

1. The College of Information and Communication Technologies (CoICT), located in the premises of the former TTCL College, opposite the Institute of Social Works in Dar es Salaam;
2. The School of Journalism and Mass Communication (SJMC), located at Mikocheni near Makumbusho area in Dar es Salaam;
3. School of Aquatic Sciences and Fisheries Technology (SoAF), located at Kunduchi Campus;
4. The University of Dar es Salaam - Mbeya College of Health and Allied Sciences (UDSM-MCHAS), located in Mbeya;
5. The Institute of Marine Sciences (IMS), located in Zanzibar; and
6. The University of Dar es Salaam - Mineral Resource Institute (UDSM-MRI), located in Dodoma.

1.1.4.2 DUCE Campus

The Dar es Salaam University College of Education (DUCE) Campus at Chang'ombe, Dar es Salaam, has the following faculties:

1. Faculty of Humanities and Social Sciences;
2. Faculty of Science; and
3. Faculty of Education.

1.1.4.3 MUCE Campus

The Mkwawa University College of Education (MUCE Campus) in Iringa Municipality has the following faculties:

1. Faculty of Humanities and Social Sciences;
2. Faculty of Science; and
3. Faculty of Education.

1.1.4.4 MJNMC's Accommodation Facilities

MJNMC has several students' accommodation facilities as listed below:

- Main campus Halls of Residence (comprising seven halls of residence);
- Dr. John Pombe Joseph Magufuli hostels on Sam Nujoma Road, Mlimani;
- Mabibo Hostel;
- Ubungo Hostel;
- Kunduchi Hostel;
- Kijitonyama Hostel;
- Mikocheni Hostel; and
- Water Resources Hostel.

1.1.5 Development University of Dar es Salaam from 1961 to 2021

Year	Major Development
1961	The Faculty of Law was Established in temporary premises on Lumumba Street in the City of Dar es Salaam.
1964	The Faculty of Arts and Social Sciences was established at the Mlimani Campus (currently known as Mwl. J. Nyerere Mlimani Campus).
1965	The Faculty of Science was established.
1968	The Faculty of Medicine was established out of the Dar es Salaam Medical School.
1969	The Faculty of Agriculture was established in Morogoro Region.
1970	The University of Dar es Salaam was established as an autonomous University.
1973	The Faculty of Engineering was established.
1978	The Institute of Marine Sciences was established in Zanzibar.
1979	The Faculty of Commerce and Management was established out of the former Department of Management and Administration.
1982	The Institute of Resource Assessment was established out of Bureau of Resource Assessment and Land Use Planning (BRALUP).
1984	The Faculty of Agriculture, Forestry and Veterinary Science became the Sokoine University of Agriculture, as an autonomous institution.
1989	The Faculty of Education was formed out of the former Department of Education.
1991	The Faculty of Medicine became the Muhimbili University College of Health Sciences (MUCHS).
1996	The former Ardhi Institute became the University College of Lands and Architectural Studies (UCLAS), as a constituent college of the University of Dar es Salaam.
2001	The University Computing Centre (UCC) was incorporated.
2003	The Institute of Journalism and Mass Communication (IJMC) was established following the revocation of the School of Journalism (TSJ) Act.
2005	The Dar es Salaam University College of Education (DUCE) was established
	Faculty of Engineering was transformed into the College of Engineering and Technology (CoET).
2006	The Mkwawa University College of Education (MUCE) was established, as a constituent college of the University of Dar es Salaam.

2009	The Faculty of Arts and Social Sciences was transformed into the College of Arts and Social Sciences (CASS).
	The Faculty of Science was transformed into College of Natural and Applied Sciences (CoNAS).
	The Faculty of Education was transformed into School of Education (SoED).
	The University of Dar es Salaam Business School (UDBS) was established.
	The Institute of Journalism and Mass Communication (IJMC) became the School of Journalism and Mass Communication (SJMC).
	The Institute of Kiswahili Studies (IKS) was established.
2011	The College of Information and Communication Technologies (CoICT) was established.
2012	The Faculty of Law was transformed into the University of Dar es Salaam School of Law (UDSoL).
2013	The College of Humanities (CoHU) and the College of Social Sciences (CoSS) emerged after the splitting of CASS into two Colleges.
2015	The College of Agricultural Sciences and Fisheries Technology (CoAF) was established. The School of Health Sciences (SoHS) was established.
2018	The School of Health Sciences (SoHS) was transferred to Mbeya and changed into UDSM-MCHAS.
2020	University of Dar es Salaam School of Economics (UDSE), School of Mines and Geosciences (SoMG), School of Aquatic Sciences and Fisheries Technology (SoAF) and UDSM-MRI-Dodoma were established.

2 UDSM OFFERED PROGRAMMES AND STUDENT PROFILES

2.1 UDSM Offered Programmes

The University offers a diversity of programmes at the certificate, diploma, bachelor, postgraduate diploma, master and PhD level to both local and international students. Figure 1 presents the distribution (in percentage) of the academic programmes on offer by the 2020/2021 academic year, which comprise certificate (4%), diploma (2%), bachelor's (26%), Postgraduate diploma (3%), master's (42%) and PhD (23%). This shows that 68% of the University's programmes are at the postgraduate level, with the undergraduate level accounting for 32%. This large proportion of postgraduate programmes is a manifestation of the University's vision of becoming a leader in postgraduate training as described in section 3.1.1 of the UDSM'S Vision 2061. In the UDSM Vision 2061, the University has committed itself to investing in postgraduate training by allocating resources to staff development, infrastructural development and academic programmes to produce more academics to serve as lecturers at UDSM and for other universities in Tanzania (See Table A1 in Appendix A for detailed data on the programmes).
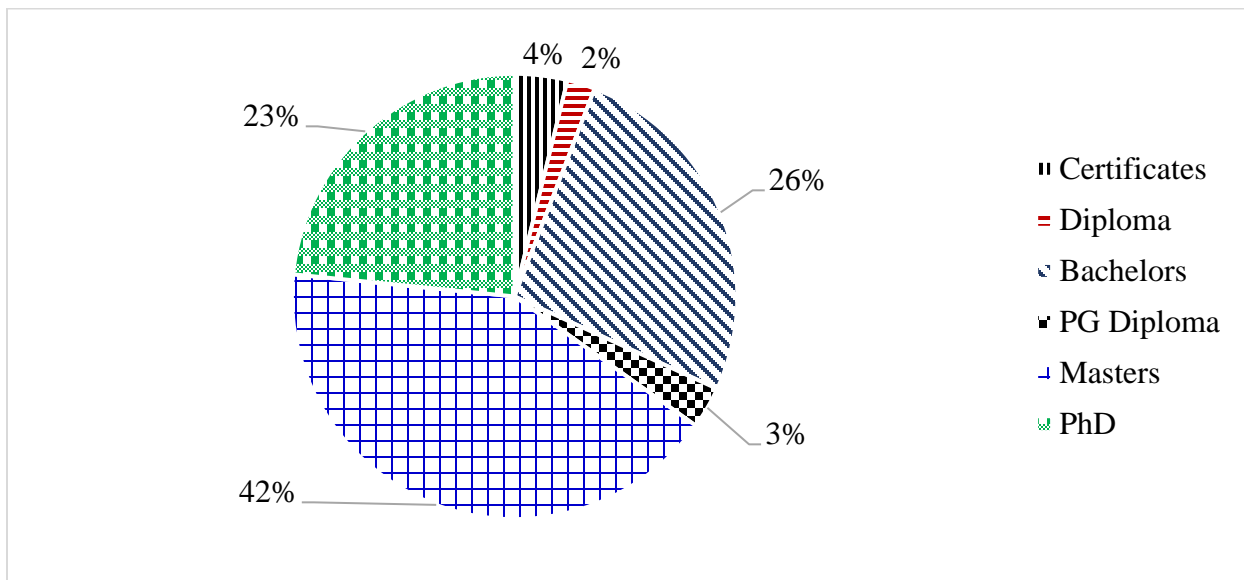
Figure 1: Proportion of programmes offered by the University at different academic levels, 2020/21

2.2 Students' Profiles

2.2.1 First Year Registered Students

The number of first year registered students per programme for the period from 2015/2016 to 2020/2021 academic year is presented in Figure 2. The figure shows that the number of first year

registered students to certificate programmes has dramatically decreased from 424 students in 2015/2016 to 95 students in the 2020/2021 academic year. This drop is attributable to the certificate programmes were not being accredited by the National Council for Technical Education (NACTE), hence only applicants seeking vertical progression in their career paths applied for these certificate programmes. The University has started seeking accreditation of all the certificate programmes by the Tanzania Commission for Universities (TCU) to attract more admissions.

The number of first year registered students to diploma programmes has increased from 59 students in 2015/2016 to 274 students in the 2020/2021 academic year. The number of first year registered students to bachelor's degree programmes has dramatically increased from 8,479 students in 2015/2016 to 12,332 students in the 2020/2021 academic year. Similarly, the number of first year registered students to master's programmes has increased from 1,617 students in 2015/2016 to 2,358 students in the 2019/2020 thereafter decreased to 1,299 in 2020/21 academic year while the number of first year registered students in postgraduate diploma and PhD students has decreased to 145 in 2020/21 academic year as indicated in Figure 2. The overall number of first year registered students to the University of Dar es Salaam programmes in the past six years has increased by 24 percent, from 11,448 to 14,232 students in the academic year of 2015/2016 to 2020/2021 as indicated in Figure 3. The increase in the number first year registered students is attributable to expanding capacity as evident by the construction of new lecture theatres, classrooms, students' hostels and the introduction of new programmes.
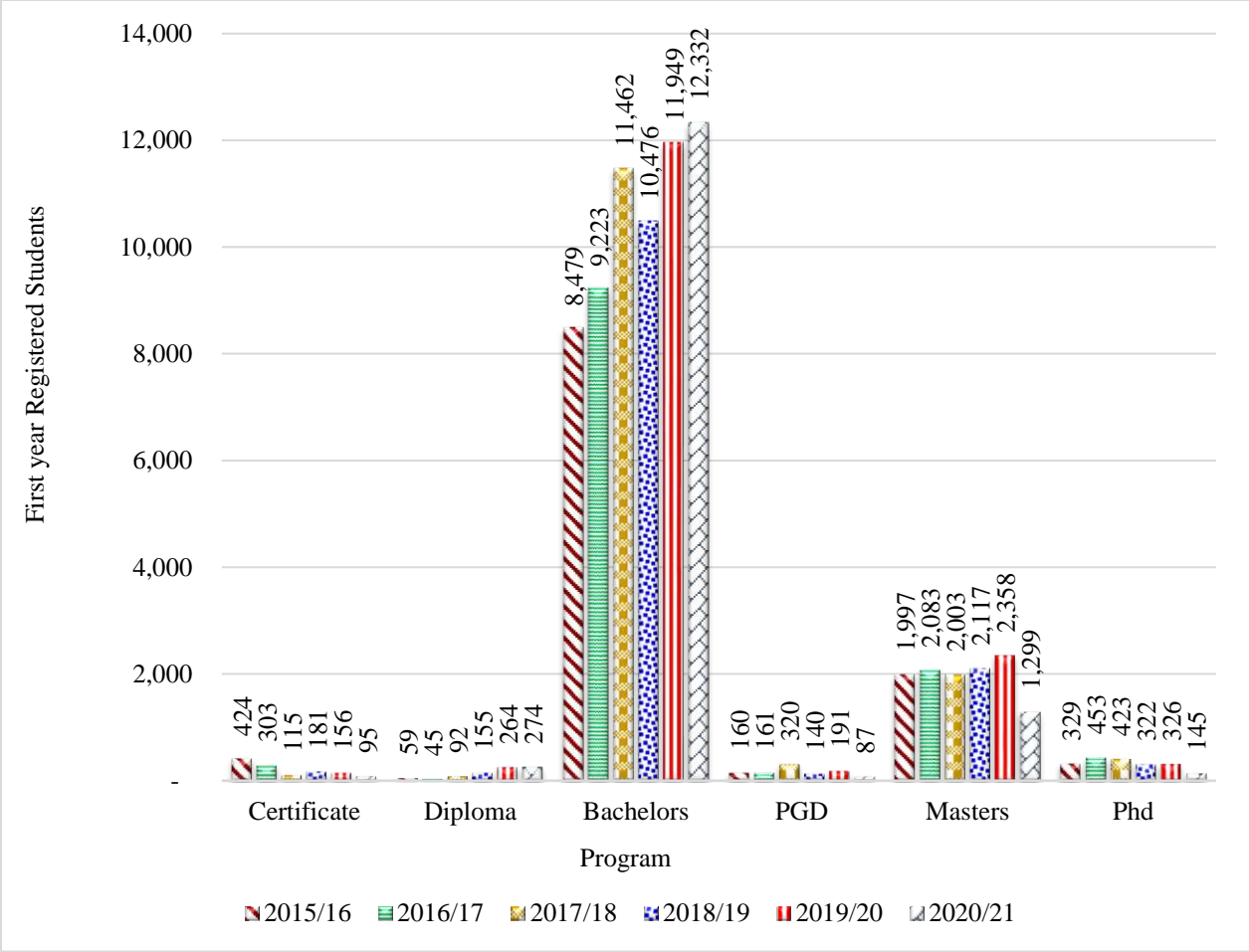
Figure 2: UDSM first year registered students for different academic levels

The number of female first year registered students from 2015/2016 to 2020/2021 academic years has increased significantly from 3,653 students in 2015/2016 to 6,924 students in 2020/2021 as indicated in Figure 3. Percent-wise, in the 2015/2016 academic year 32 percent of the first year registered students were females whereas in the 2020/2021 academic year 49 percent of the first year registered students were females. The increase in the percentage of first year registered female students is due to strategic commitment of the University management to promote gender equality and address the gender gap at the UDSM. In a bid to promote gender equality and address gender gap, the University has upgraded the Gender Centre into the Institute of Gender Studies, and established a merit-based scholarship for undergraduates and postgraduate female students. In addition, the University conducts special sensitisation campaigns in secondary schools for students to apply to the University of Dar es Salaam. Figure

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3 shows first year registered students in relation to gender. More details about students' registration are presented in Table A2 in Appendix A.
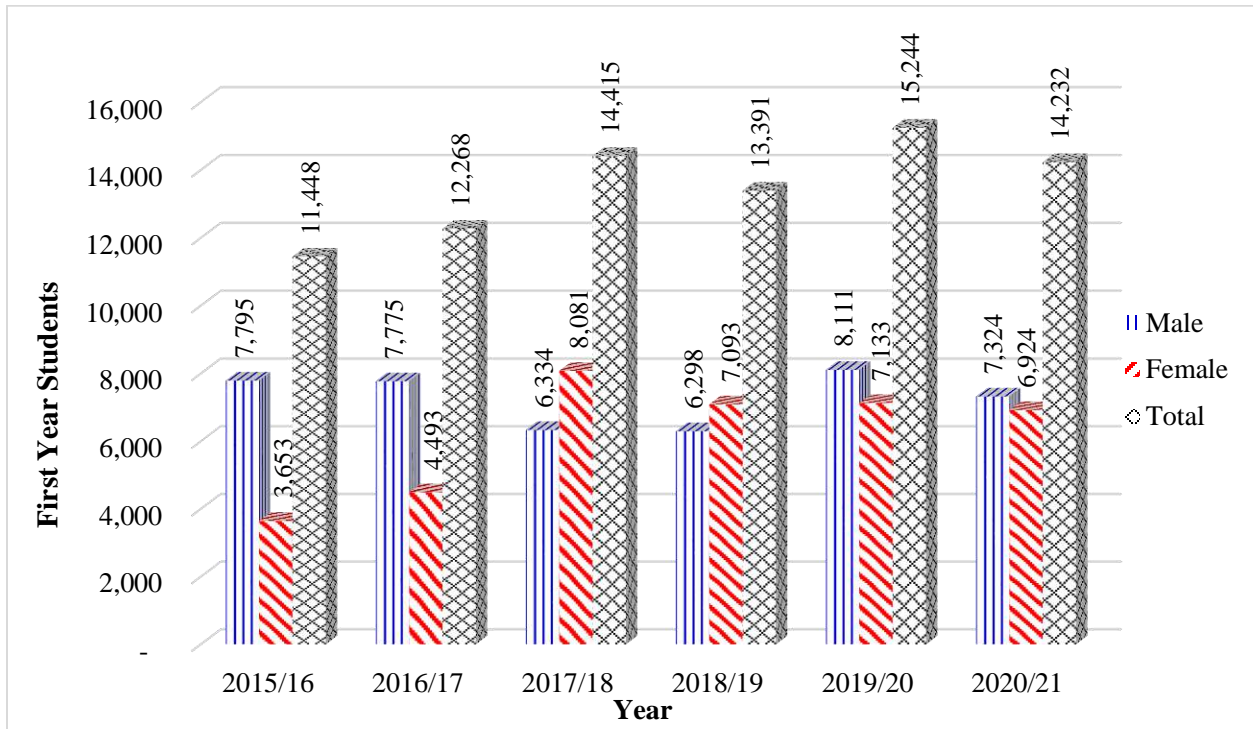
Figure 3: UDSM first year registered students by gender

2.2.2 Students Enrolment

Table A3 and Table A4 in Appendix A provide an overall summary of UDSM students' enrolment at undergraduate and postgraduate levels. Figure 4 provides students' enrolment by gender while percentage distribution is presented in Figure 5. From figure 4 it shows that, the enrolment has increased from 27,403 students in 2015/2016 to 39,034 students in the 2020/2021 academic year, which is an increase of 42 percent. The increase in the number of enrolled students from 2015/2016 to 2020/2021 academic year was due to the factors explained in the second paragraph of Section 2.2.1 of this report.

Similarly, the proportion of female students to the students' annual enrolment has increased from 34 percent in 2015/2016 to 47 percent in the 2020/2021 academic year as indicated in Figure 5. This increase was occasioned by factors explained in the third paragraph of Section 2.2.1 of this report. Along with the current institutional initiatives aimed to consolidate the UG and expansion of PG programmes, the University's strategy is to raise the proportion of female students to at least 50 percent to attain gender parity.

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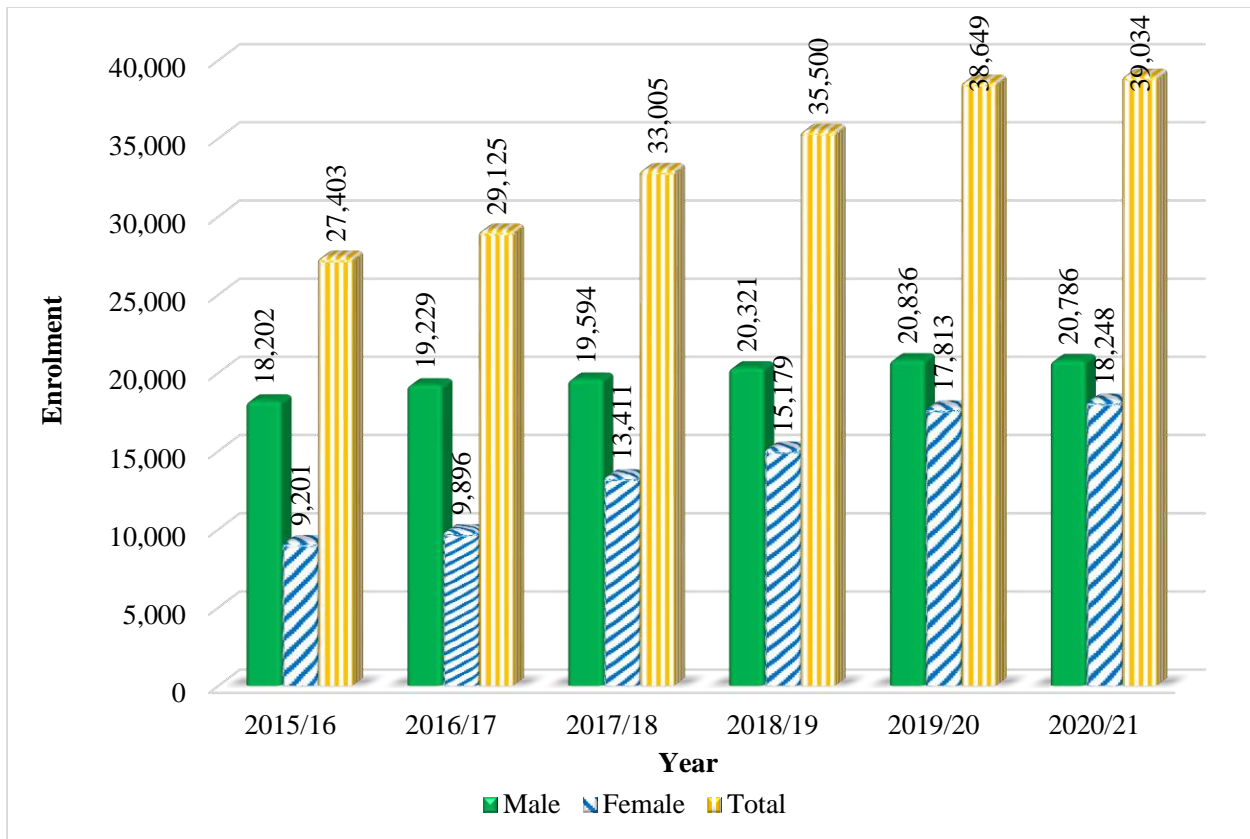
Figure 4: Overall enrolment trends in relation to gender
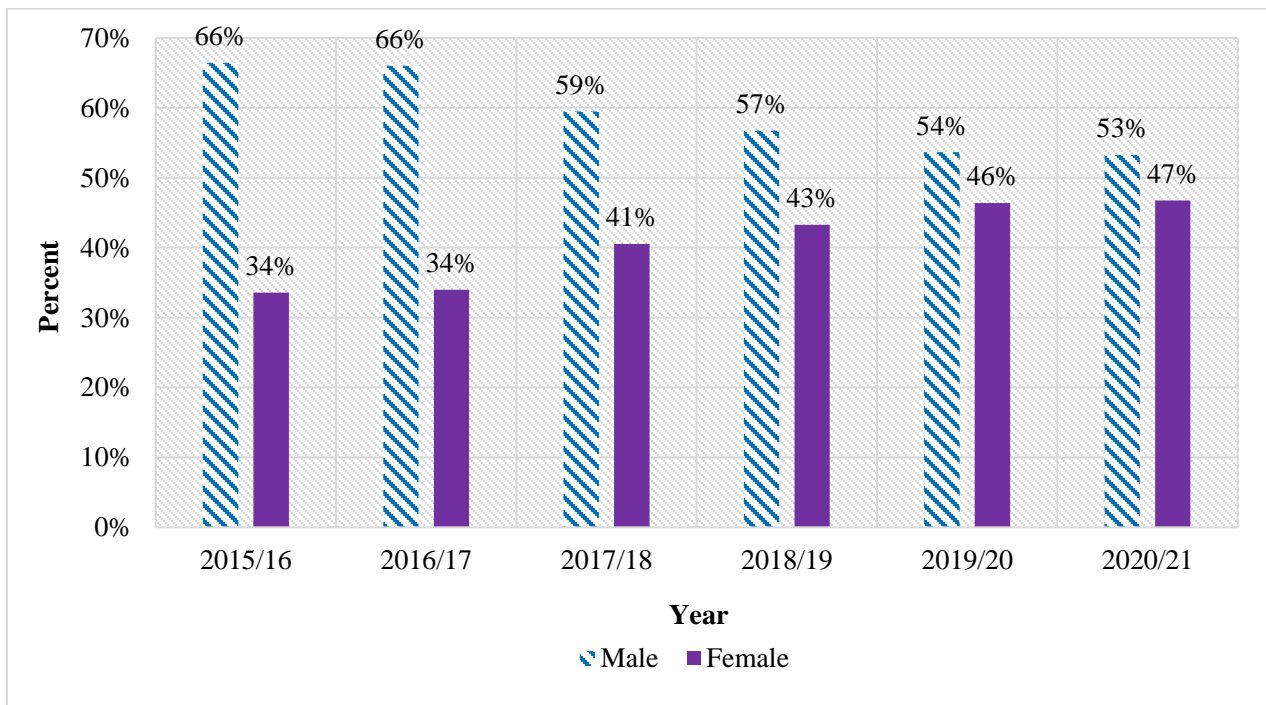
Figure 5: Overall student enrolment percent-wise by gender

The number of enrolled UG students has increased by 50 percent from 22,963 students in 2015/2016 to 34,406 students in the 2020/2021 academic year. However, the number of enrolled PG students marginally increased by 4 percent from 4,440 students in 2015/2016 to 4,628 students in the 2020/2021 academic as indicated in Figure 6. This suggests that the University should continue implementing its strategic plan of becoming a leader in postgraduate education by allocating more resources to increasing enrolment of PG students.
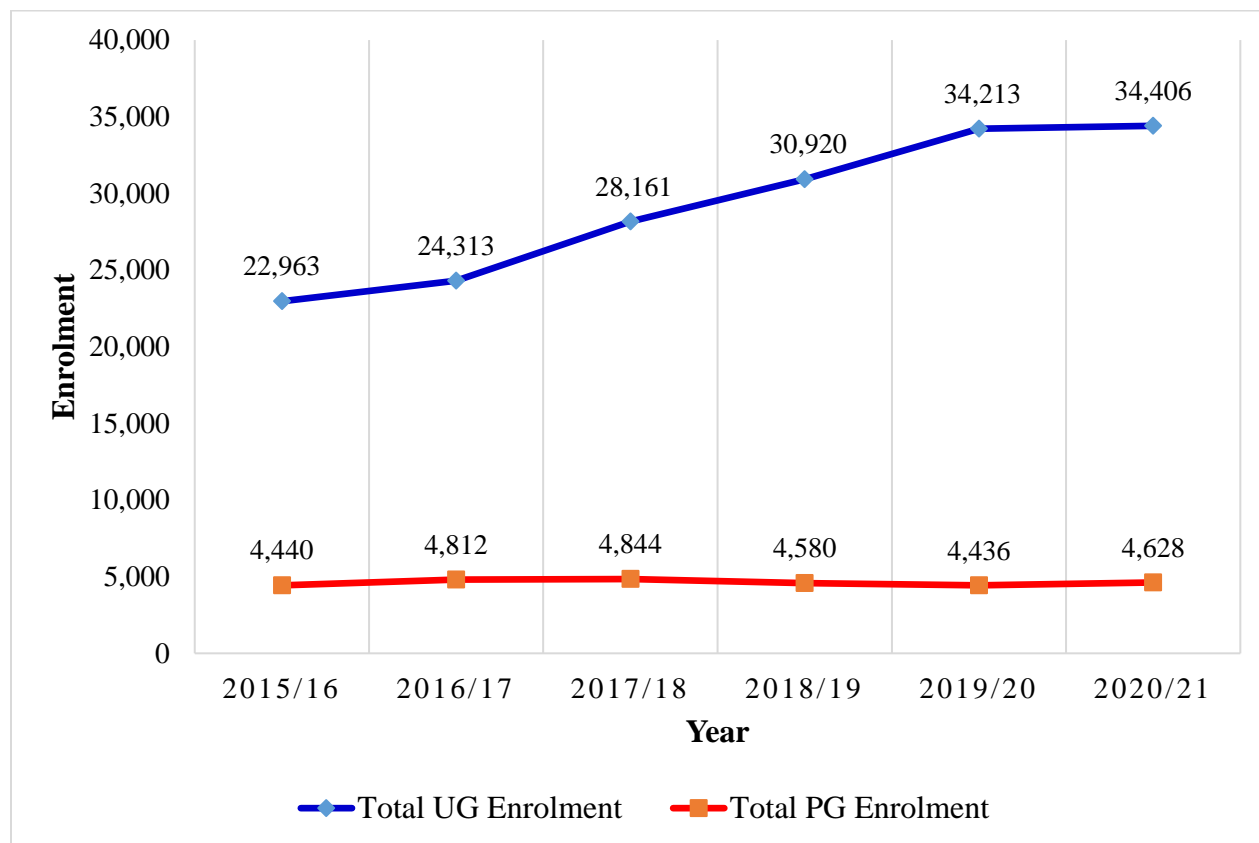
Figure 6: Undergraduate and postgraduate enrolment trends

2.2.3 *Students' Graduation*

Figure 7 provides a summary of the University students' graduation for the past six years. The trend indicates that UG students' graduation has increased from 6,359 graduates in 2015/2016 to 9,316 in the 2020/2021 academic year. The increase in enrolment notwithstanding, the number of PG students' graduation decreased from 1,020 graduates in 2015/2016 to 782 graduates in the 2020/2021 academic year. This suggests that there is a need for the University to ensure that PG students complete their studies on time. Any delays in the completion of studies could impair the utilisation of resources available such as staff and laboratories.

Generally, the overall number of graduating students has increased from 7,379 in 2015/2016 to 10,098 graduates in the 2020/2021 academic year as indicated in Figure 8. The number of female graduates increased from 2,593 graduates in 2015/2016 to 4,427 graduates in the 2020/2021 academic year. The increase in the number of female students graduating is attributable to continuing increase in female students' enrolment as explained in section 2.2.1. Supporting details of the students' graduation from all programmes are presented in Tables A5 - A21 under Appendix A.
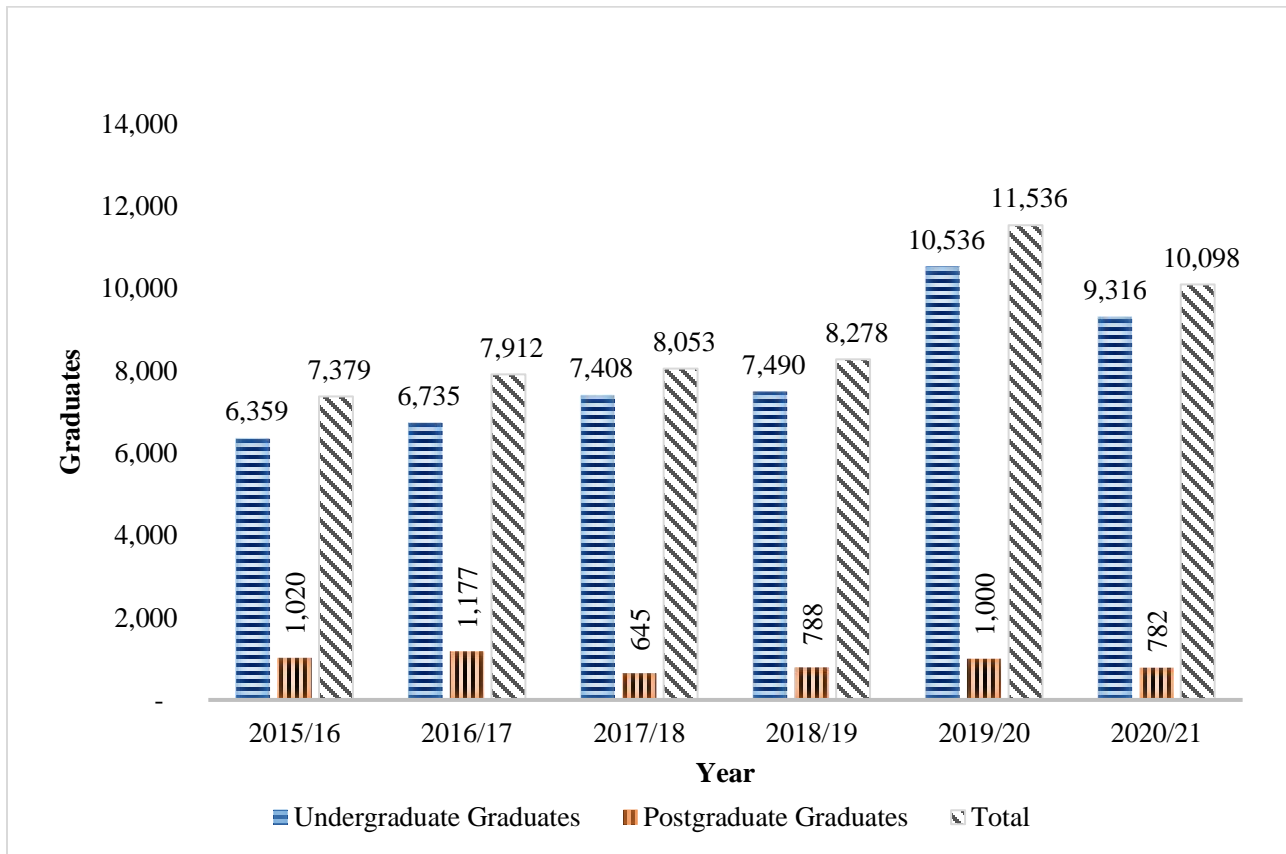
Figure 7: UDSM students' graduation trends
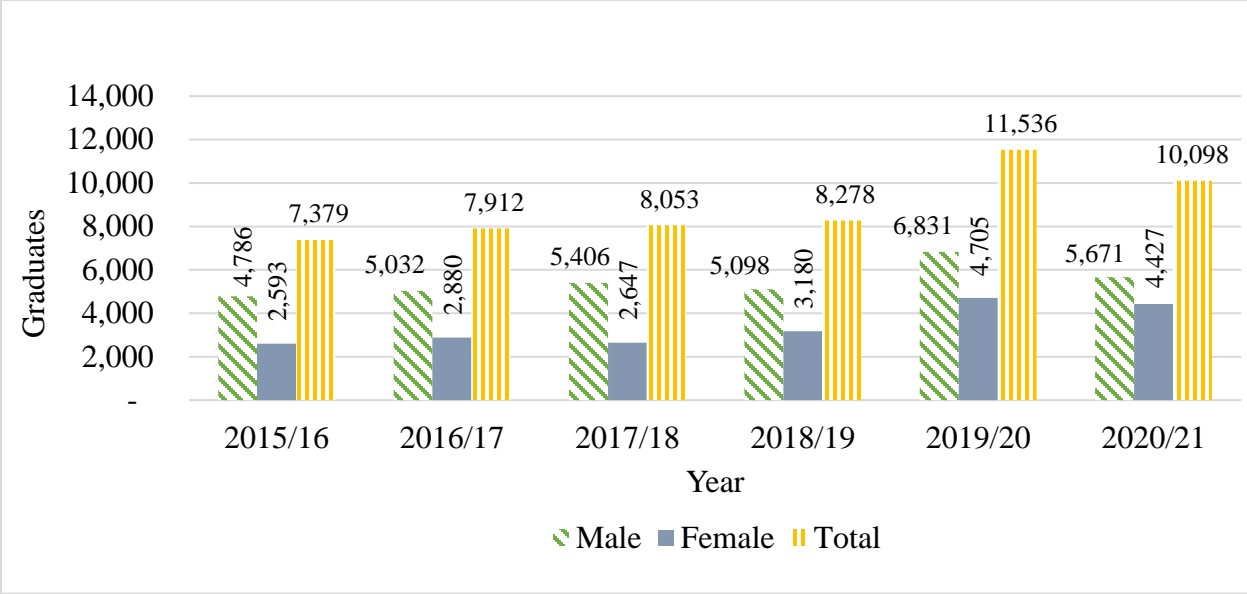
Figure 8: UDSM Students' graduation by gender

3   TEACHING AND LEARNING

3.1 Academic Staff Profiles

Continued existence of the University depends on a steady supply of quality human resources with the right mix of qualifications, gender, age, rank and experience, among other factors. From 2015/2016 to 2020/2021 academic year, the number of staff of the University of Dar es Salaam and its constituent colleges has increased from 1,590 in 2015/2016 to 1,941 staff in the 2020/2021 academic year. The increase in the number of staff affirms the University's commitment to the realisation of quality and inspired staff as described by one of the three pillars of the UDSM's Vision 2061. Furthermore, this increase seeks to carter for the rising number of enrolled students during the same period.

3.1.1 UDSM Academic Staff by Gender

Figure 9 provides an overview of the UDSM's faculty (permanent, contract and part-time) by gender from 2015/2016 to the 2020/2021 academic year. The figure shows that the number of female faculty members has increased from 423 in 2015/2016 to 537 in the 2020/2021 academic year.

Moreover, Figure 10, Figure 11 and Figure 12 provide an overview of the academic staff situation by gender at the MJKN Mlimani Campus, DUCE and MUCE, respectively. All other supporting details of the staff profile are presented in Tables B1- B20 in Appendix B.
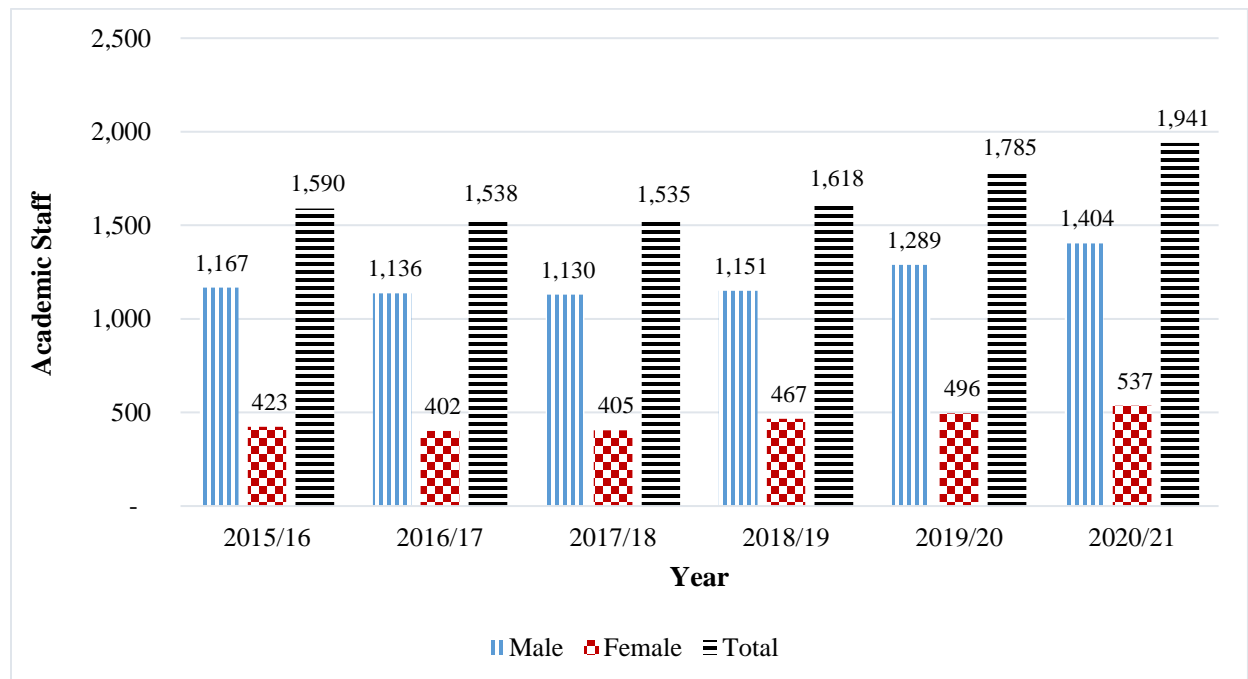
Figure 9: Overall UDSM's Academic Staff by Gender

21
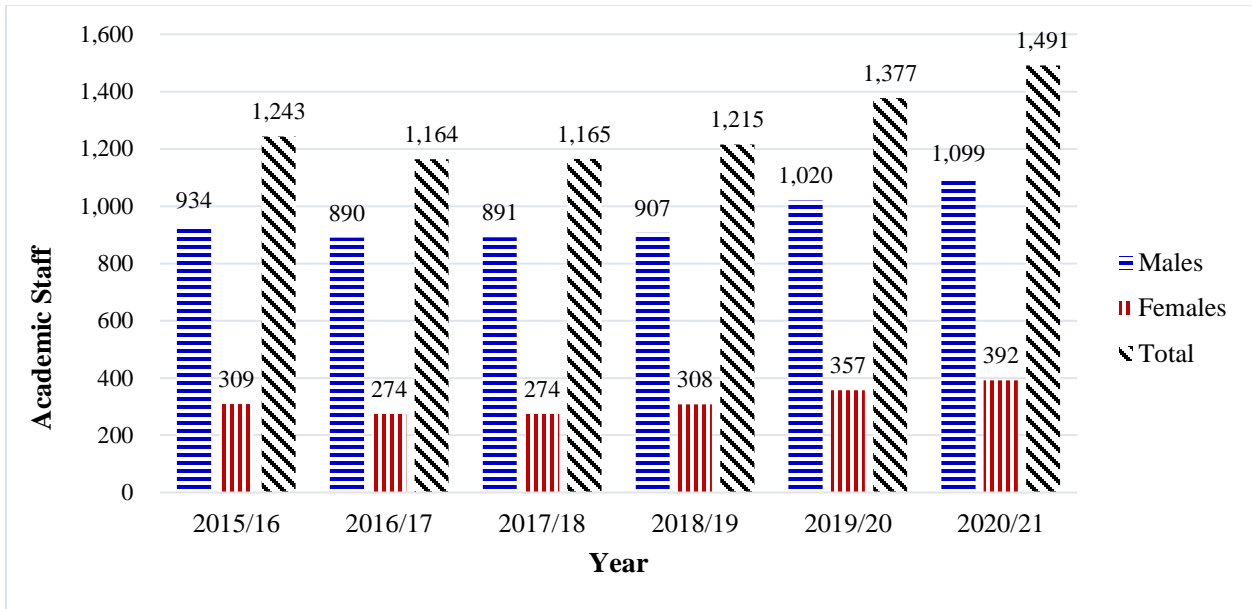
Figure 10: MJNMC academic staff by gender
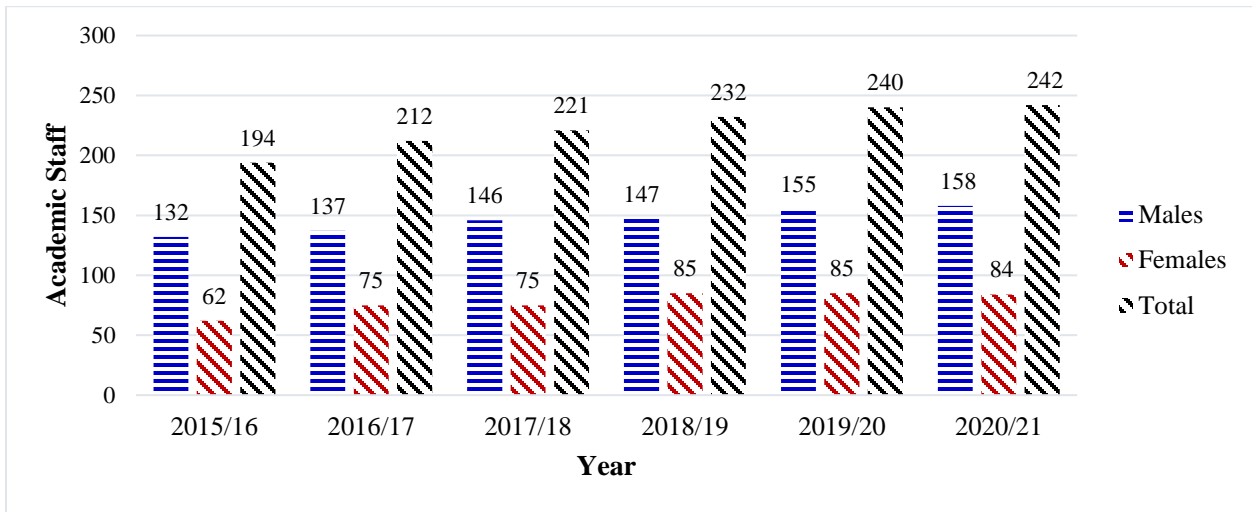
Figure 11: DUCE academic staff by gender
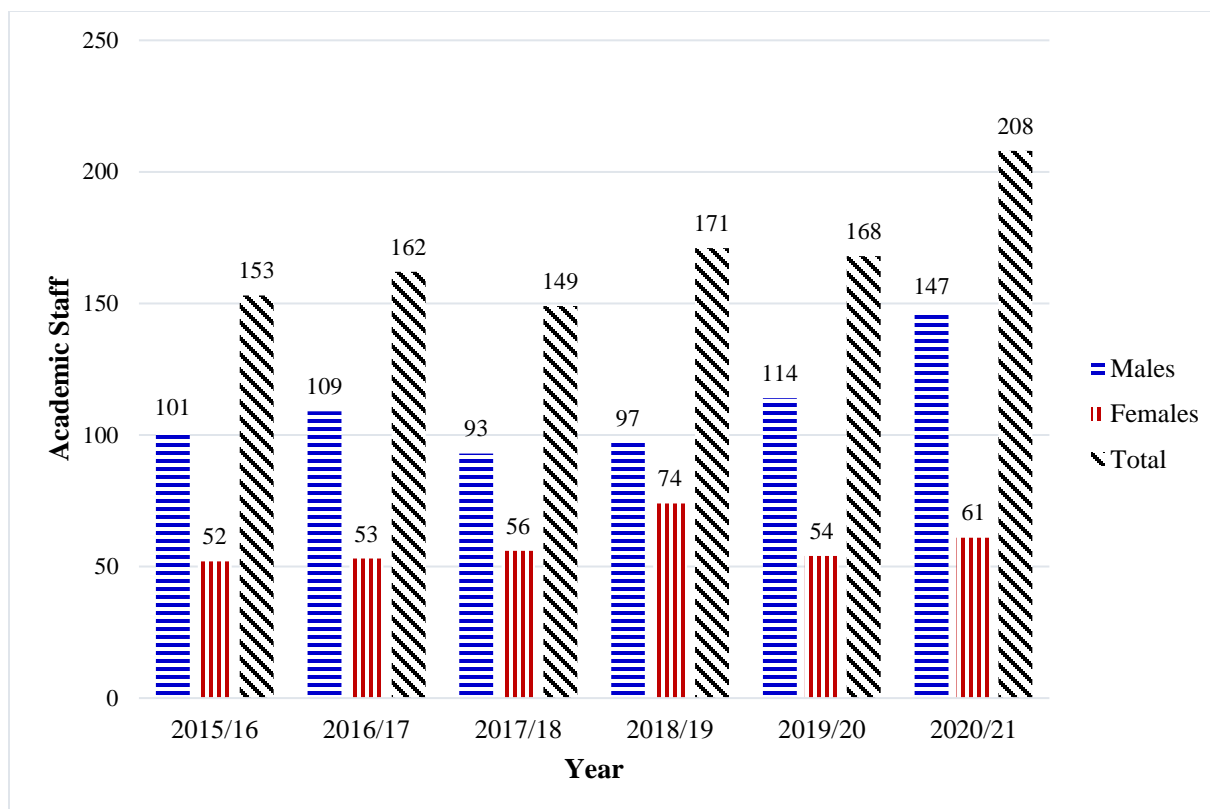
Figure 12: MUCE academic staff by gender

3.1.2 UDSM Academic Staff by Age

Figure 13 to Figure 15 present the age profile of academic staff. For the 2020/2021 academic year, academic staff aged above 60 years were 71 whereas 59 staff were aged of 56 - 60. This age profile suggests that in the next few years these 59 staff would also be aged above 60 years. The higher number of staff aged above 60 years may be due to the statutory extension of the retirement age from 60 to 65 years for senior lecturers and those in the professorial ranks. However, there is a need for the University to focus on implementing the UDSM's succession plan to avoid skewing the number of staff towards higher age.

For the 2020/2021 academic year, the UDSM statistics show that 52 percent of the overall academic staff were aged between 26 and 40 years whereas the remaining 48 percent were aged above 40 years. This implies that, the University has a favourable balance between junior staff with little experience and senior staff who can share experiences and pass on skills to groom the upcoming staff as part of the mentoring process.

For the 2020/2021 academic year, the analysis shows that 20 percent of the academic staff aged under 41 years are PhD holders, 64 percent of academic staff aged between 41 and 50 years have PhDs and 96 percent of academic staff aged above 50 years have PhDs as indicated in Table 1. The University through its Vision 2061 strives to be a leading centre of intellectual wealth spearheading the quest for sustainable and inclusive development. Thus, deliberate efforts should be made to train and recruit more academic staff at the master's and PhD levels to ensure the smooth running of academic programmes. If this is not addressed in the short-term, the reputation of the University will be compromised to a great deal. Details of academic staff by age and gender are provided in tables B3 to B20 presented in Appendix B.

Table 1: UDSM Academic Staff by Age and Qualification, 2020/2021

Age	Bachelor	Master	PhD	Total	PhD Percent
Under 26	7	0	0	**7**	0%
26-30	109	85	0	**194**	0%
31-35	56	284	43	**383**	11%
36-40	22	239	156	**417**	37%
Under 41	**194**	**608**	**199**	**1,001**	**20%**
41-45	4	157	241	**402**	60%
46-50	0	85	202	**287**	70%
Under 51	**4**	**242**	**443**	**689**	**64%**
51-55	0	11	110	**121**	91%
56-60	0	0	59	**59**	100%
Over 60	0	0	71	**71**	100%
Over 50	**0**	**11**	**240**	**251**	**96%**
Total	**198**	**861**	**882**	**1,941**	**45%**
Percent	**10.2%**	**44.4%**	**45.4%**	**100%**	
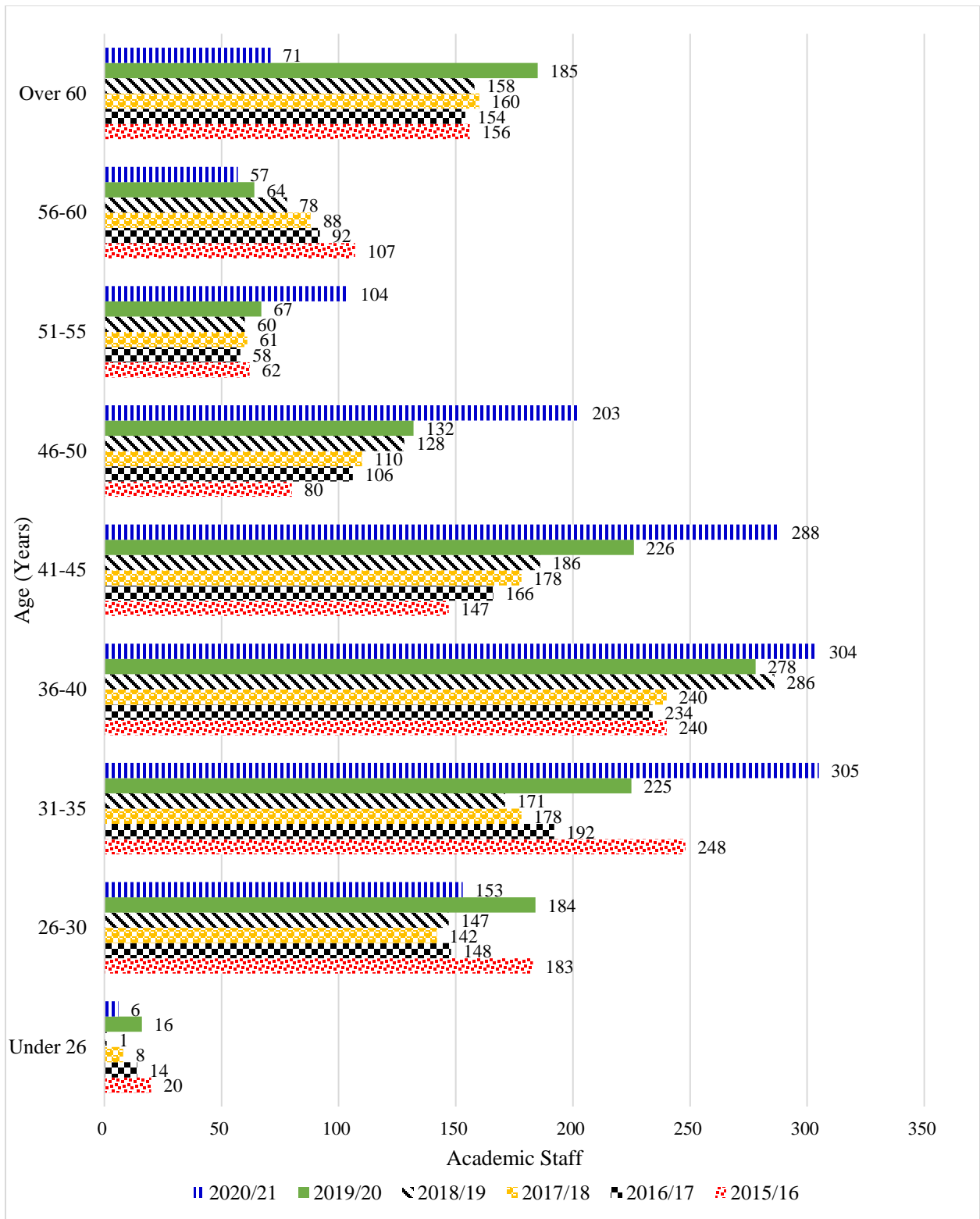
Figure 13: UDSM MJNM campus academic staff by age
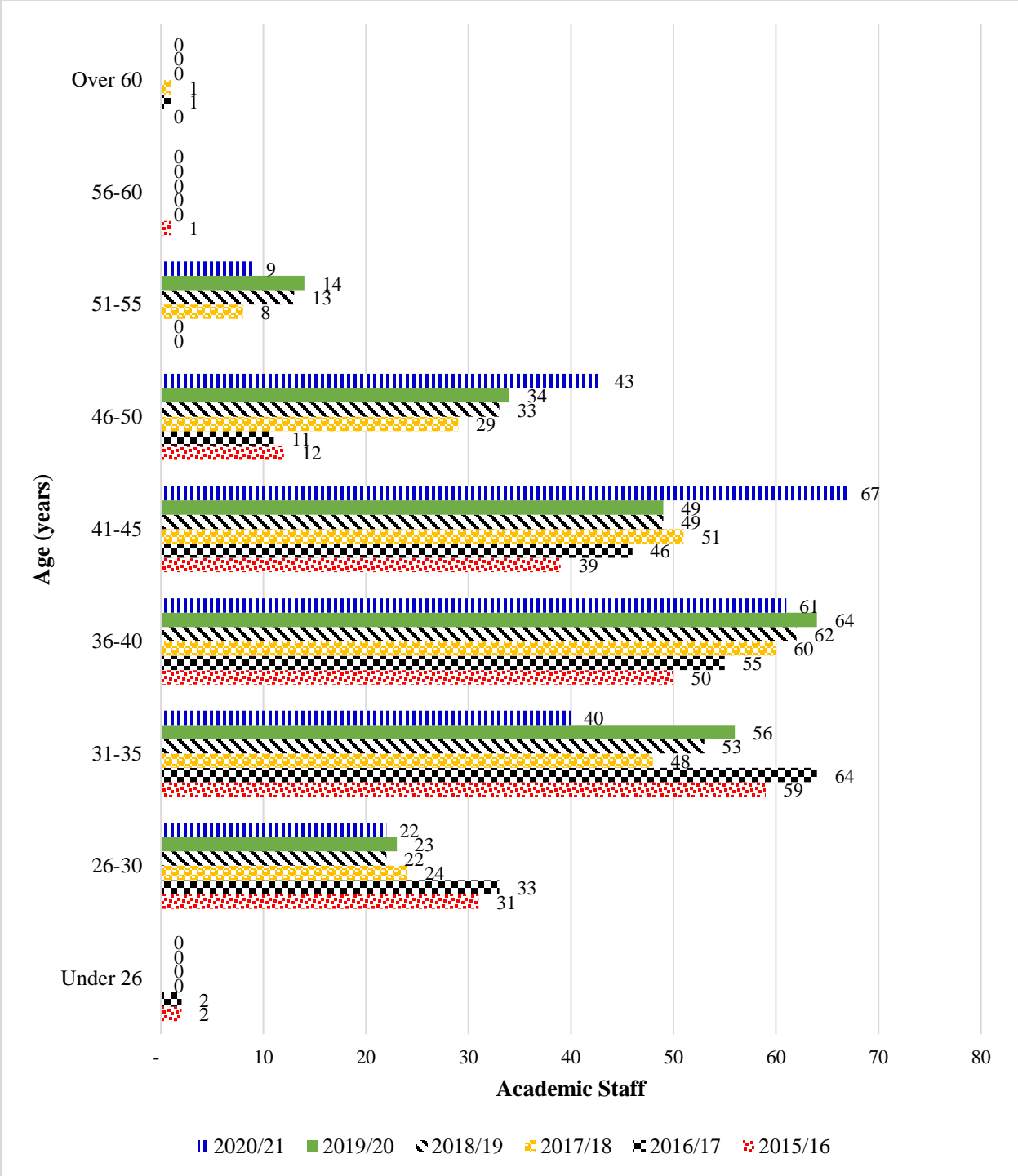
Figure 14: DUCE academic staff by age
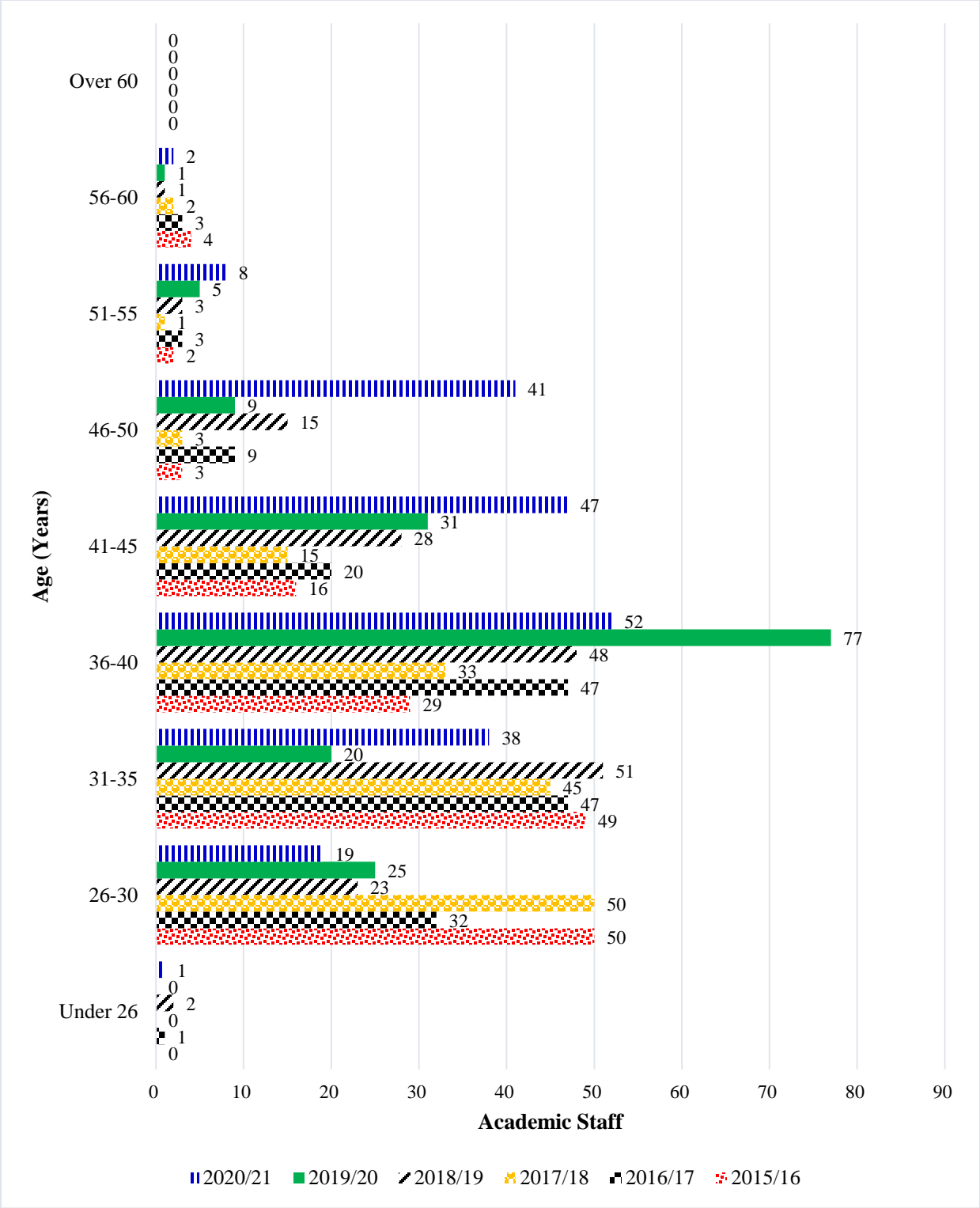
Figure 15: MUCE academic staff by age

3.1.3 UDSM Academic Staff by Rank

Figure 16 shows the number of UDSM's academic staff (total permanent, on contract and part-time) by rank for the 2015/2016 to 2020/2021 period. The figure shows that the number of assistant lecturers was the highest among the ranks in every year during the period reported. In fact, the number of tutorial assistants has decreased from 304 in 2015/2016 to 176 in the 2020/2021 academic year, as indicated in Figure 16. The number of lecturers and assistant lecturers has increased from 300 and 665 in 2015/2016 to 603 and 832 in the 2020/2021 academic year, respectively. Both assistant lecturers' and lecturers' promotions are mainly based on successful completion of the master's and PhD studies. Implicitly, the University has been allocating sufficient resources to support the faculty development and a good number of the academic staff complete their studies successfully. Conversely, the number of senior lecturers, associate professors and professors has decreased from 179, 92 and 50 in 2015/2016 to 211, 90 and 29 in 2020/2021 academic year, respectively, as Figure 16 illustrates. Senior lecturer-ship, associate professorship and professorship become tenable mainly upon fulfilment of the set publication points alongside the teaching component. The decrease in number of staff in the positions of senior lecturer and professorial ranks may be attributed to lack of motivation among academic staff to publish in reputable journals. It is anticipated that, with the provision of competitive research grants (which encourage academic staff to conduct more research), more staff would find cause to publish and raise both their scholarly standing and prospect for promotion to senior ranks. In this regard, the University is making concerted efforts to ensure that every academic staff publishes at least one journal paper in every year in a reputable publication.

By the 2020/2021 academic year, the University had 9 percent tutorial assistants, 43 percent assistant lecturers, 31 percent lecturers, 11 percent senior lecturers, 5 percent associate professors and one percent professors, as Figure 17 illustrates:
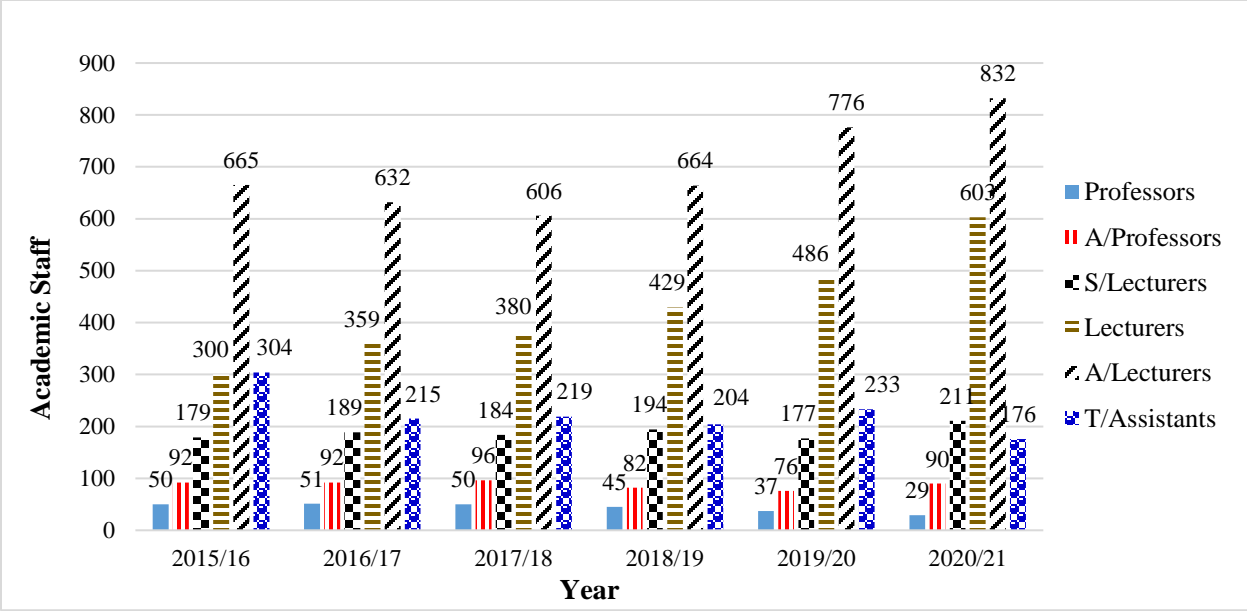
Figure 16: Number of UDSM academic staff by rank
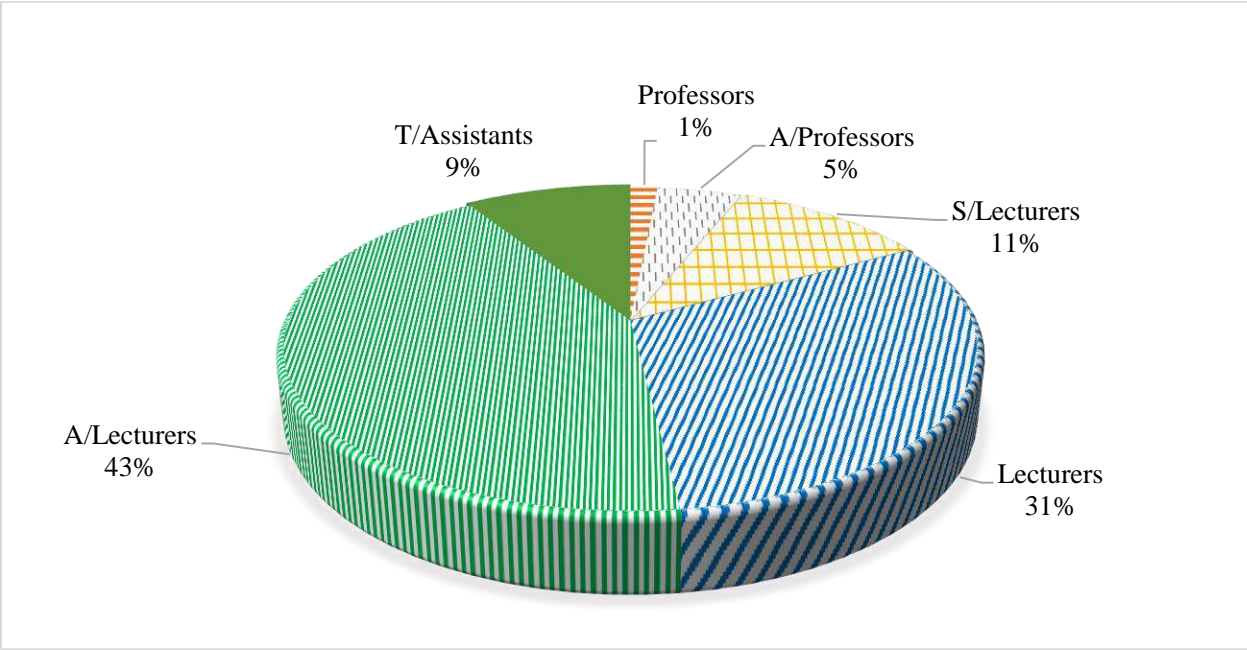
Figure 17: Proportion of UDSM academic staff by rank, 2020/2021

3.1.4   Academic Staff Recruitment

The recruitment plan enables the University to replace, fill new vacancies and ensure continued supply of qualified staff. Employment permits issued from time to time by the Government enable the University to recruit new staff. The timing and conditions of employment spelt out in the permits dictate the realisation of the UDSM's Succession Plan. In the last six years, 421 academic staff were recruited, with a large portion of them being tutorial assistants (71%) and assistant lecturers (23%). The introduction of junior staff into the University academic service addresses adverse effects on age, rank and qualifications that are direct outcomes of freezing employment in public sector, including universities in the early 1990s. Policy and associated programmes for training and developing staff need to be conceived and implemented. Table B21in Appendix B provides an overall (UDSM level) status of the recruitment of academic staff by year, rank and gender. Tables B22, B23 and B24 in Appendix B presents data on the recruitment status at MJKN Mlimani Campus, DUCE and MUCE respectively.

3.1.5   Academic Staff by Employment Status

Figure 18 indicates UDSM's employment by status with permanent employment dominating the status. Next to permanent are the contract and part-time status among faculty.

Further findings show that for the past six years ending 2020/21 academic year, the proportion of academic staff employed on permanent terms ranged from 81 percent to 86 percent of total academic staff. This implies that, the UDSM has a spine to perform core functions. During the same period, the proportion of staff on contract terms ranged between 2 percent and 10 percent while part-time staff between 4 percent and 16 percent. Employment on contract and permanent terms is granted to spread evenly the workload in a particular area, and retain experience and skills deemed necessary for not only fulfilling key organisational functions but also for nurturing junior academics to attain projected outcomes. As such, a steady supply of permanent quality and appropriate human resource is important for institutional memory and continued provision of quality training services, conducting research, and offering quality public service to the Government, global agencies such as the UN, the World Bank, the European Union and the society at large. Detailed data on academic staff by employment status and gender are provided in Tables B25 - B31 in Appendix B.

UDSM Academic Staff Employment by Status
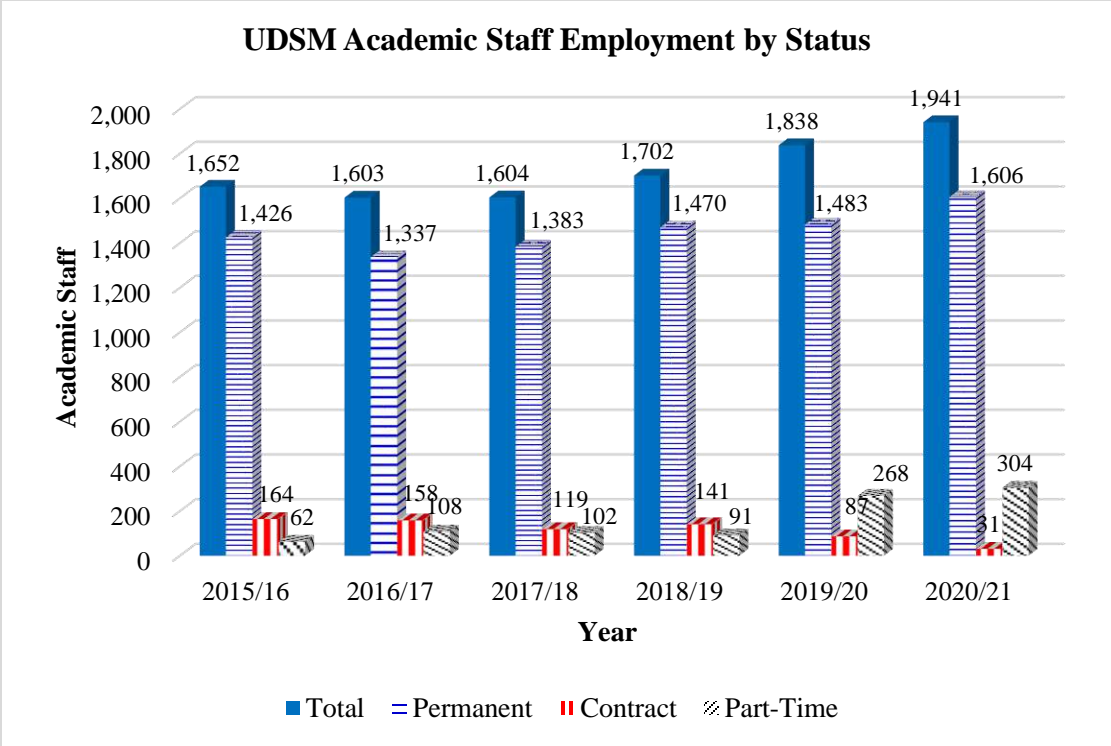
Figure 18: UDSM academic staff by employment status

3.1.6 Academic Staff by Citizenship

About 99 percent of the academic staff at UDSM are Tanzanians whereas the remaining one percent represents staff of different nationalities as Figure 19 illustrates. Figure 20 and Figure 21, on the other hand, expose the need to exert deliberate efforts aimed to ensure favourable conditions and attractive policies are in place to enhance the international standing of the UDSM. Tables B32 - B50 in Appendix B present further details on UDSM academic staff by citizenship:
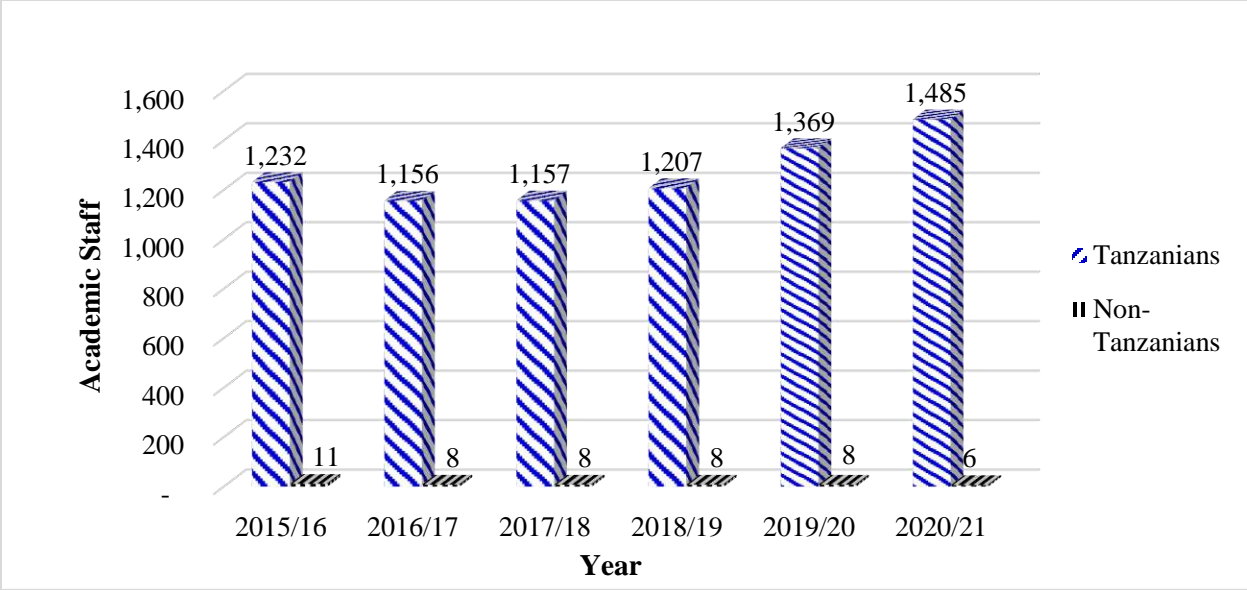
Figure 19: UDSM MJNM campus academic staff by citizenship
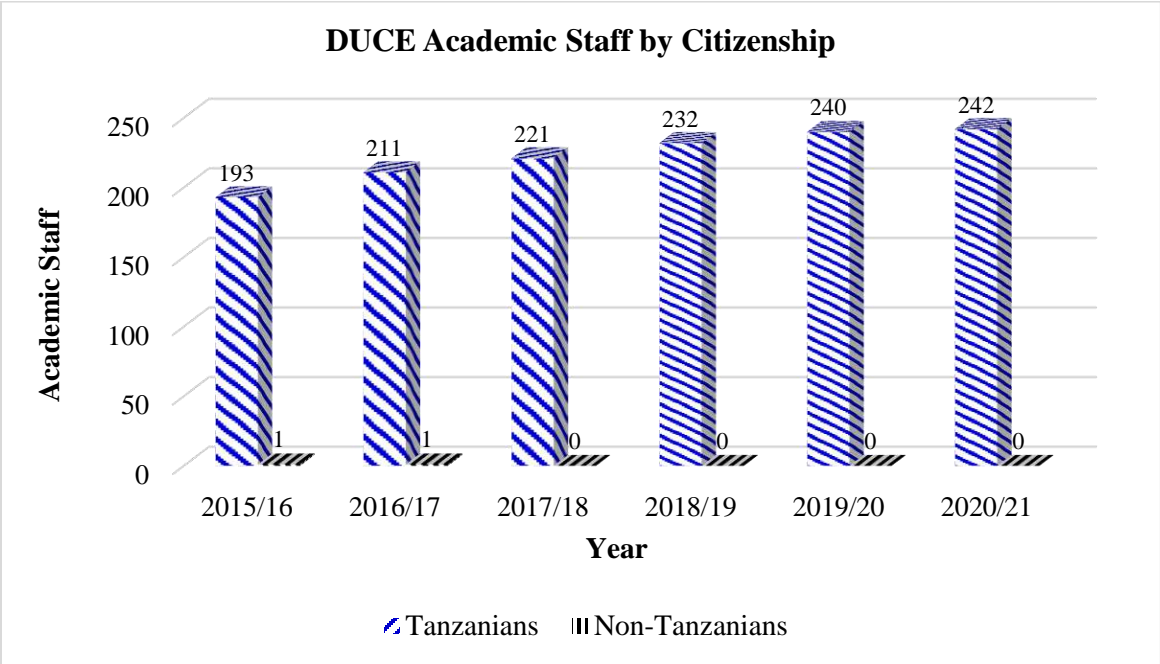
Figure 20: DUCE academic staff by citizenship

MUCE Academic Staff by Citizenship
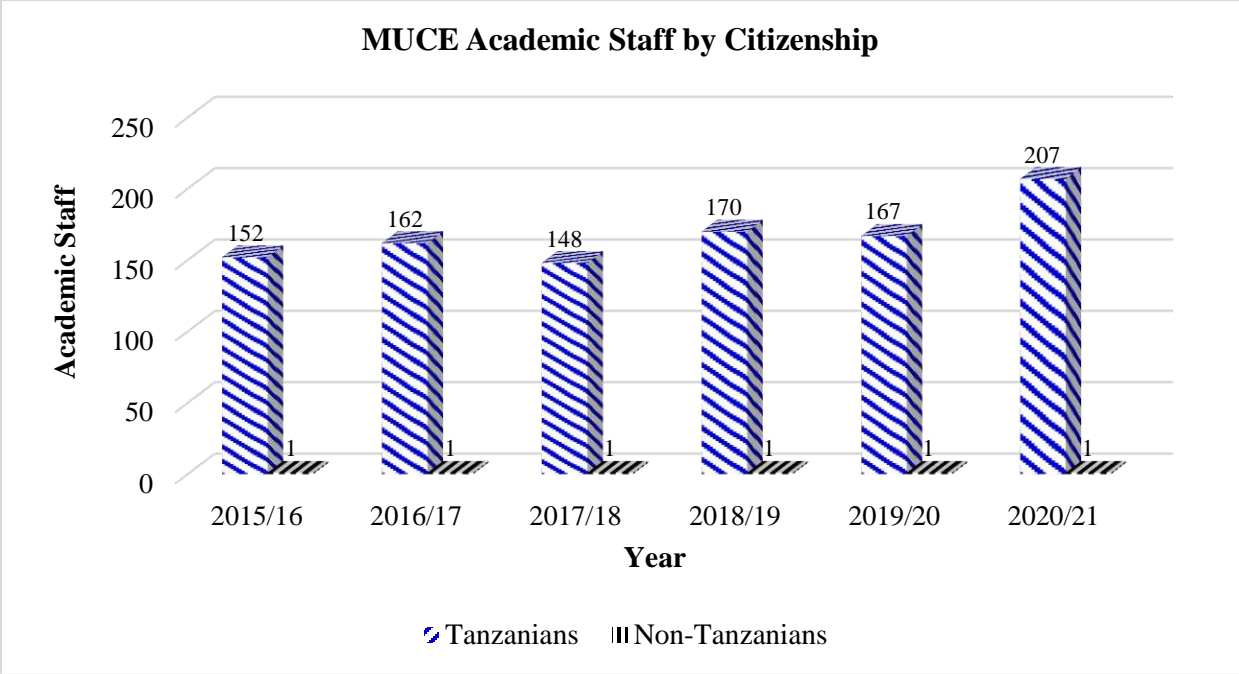
Figure 21: MUCE academic staff by citizenship

3.2 Technical Staff

Technical staff assists academic staff in the delivery of teaching and practical. Technical staff are responsible for the preparation and supervision of workshops, laboratories and studio sessions. Technical staff include cadres such as laboratory technicians, laboratory scientists, workshop instructors, and studio technicians. This category of staff is reported in terms of gender, age and academic qualification.

The age proportion of technical staff for year 2020/21 is presented in in figure 22 among them, 41 percent are aged below 41 years and the remaining 59 percent are aged above 40 years. Most of the technical staff have been in service for a long time, accumulating experience that is crucial in meeting individual roles and mentoring incoming junior staff. Furthermore, over 44 percent of technical staff possessed a diploma or lower qualifications. With the guidance of a succession plan, the University has laid out a strategy for increasing capacity through training of junior staff and timely replacement of vacancies that will be left by staff that are expected to leave services in next few years. Figure 23, Figure 24 and Figure 25 provide an overview of the technical staff by their qualifications at the University of Dar es Salaam. Meanwhile, detailed information on the same aspect is obtainable in tables B51 - B69 a presented in Appendix B.

33
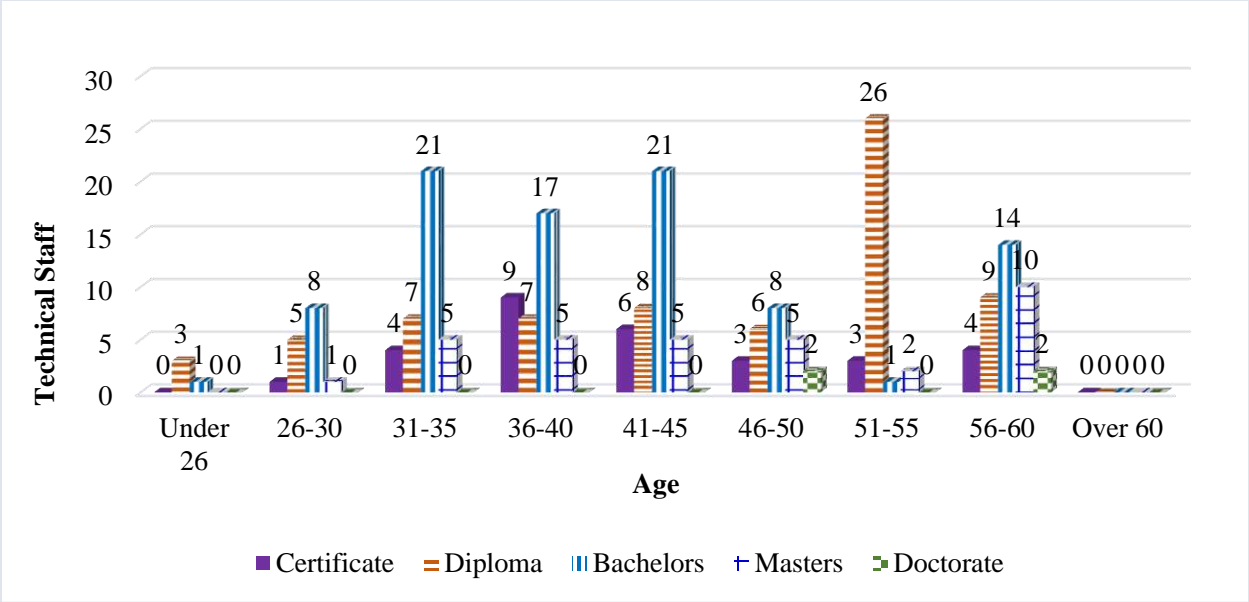
Figure 22: UDSM technical staff by age and academic qualification
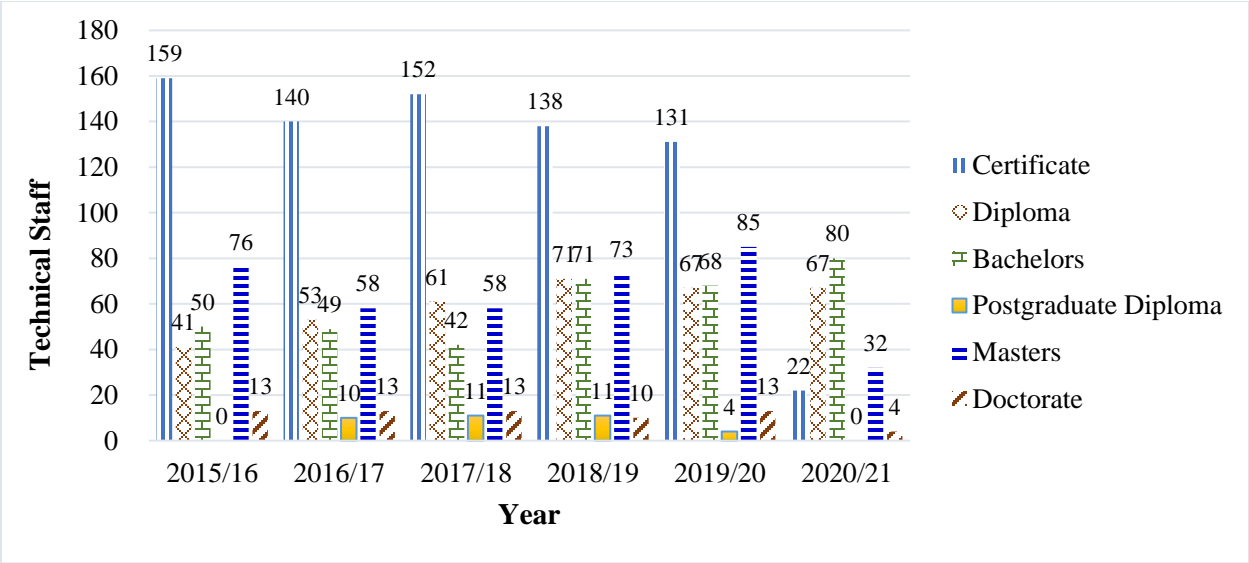
Figure 23: MJNM Campus technical staff by academic qualification
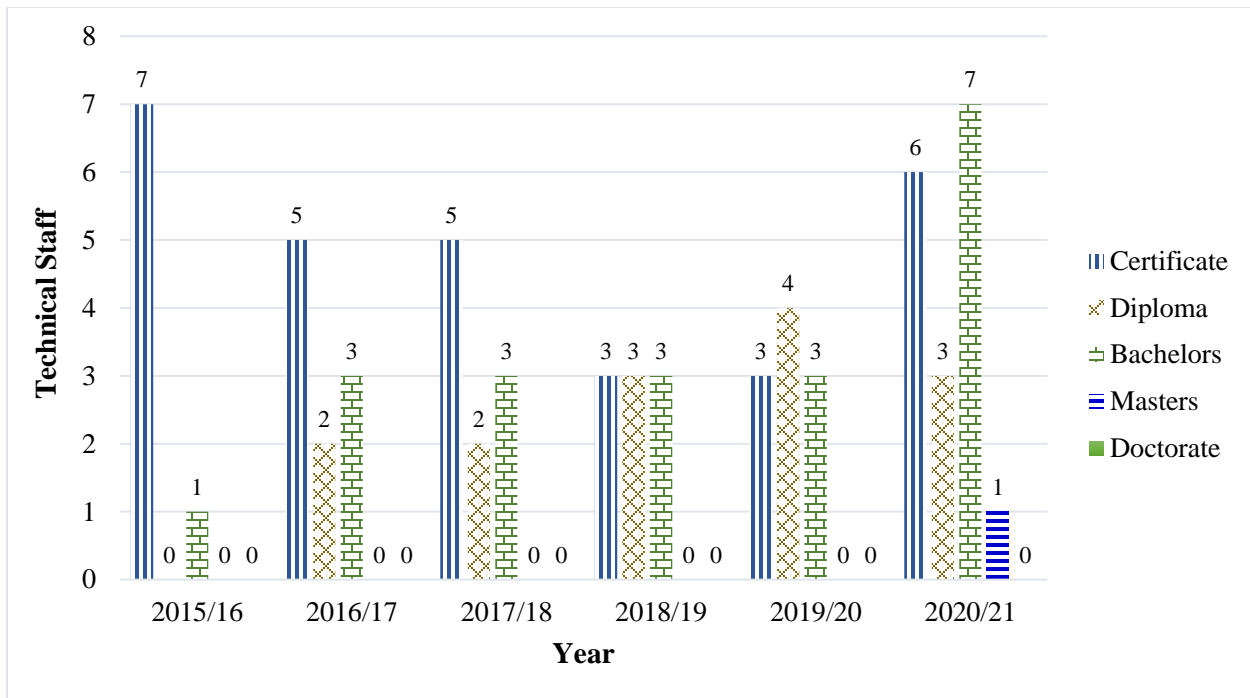
Figure 24: DUCE technical staff by academic qualification
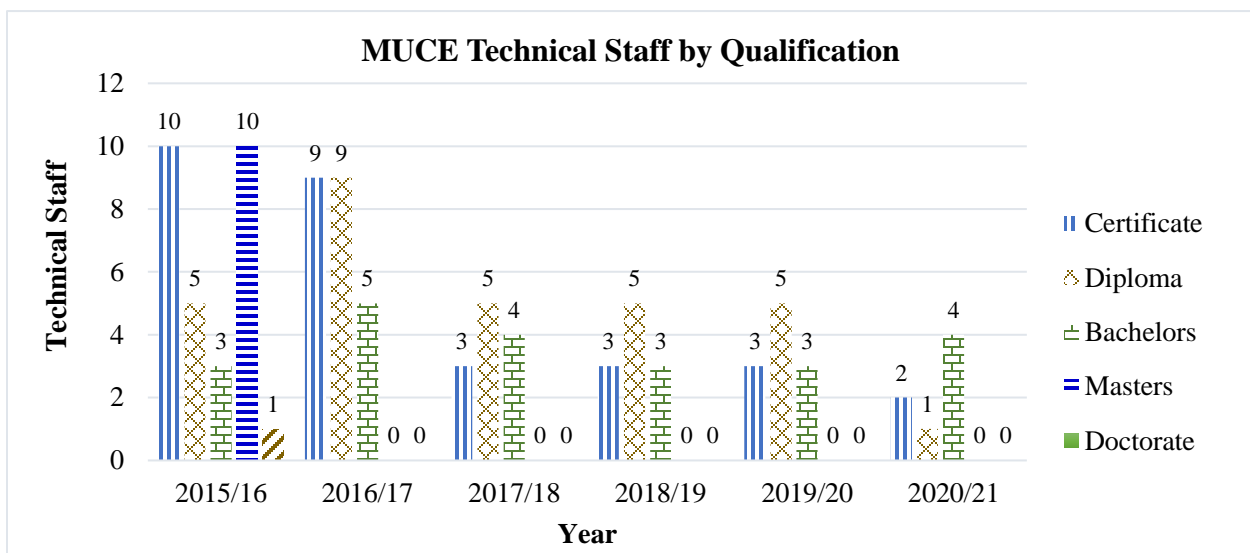
Figure 25: MUCE technical staff by academic qualification

3.3 Administrative Staff

Administrative staff provide support service to enable the University to fulfil its key functions of teaching, research and public services. The administrative staff category include cadre such as accountants, administrators, planning officers, nurses, medical doctors, journalists, marketing

officers, security officers, janitors, secretaries, office attendants and drivers. This category of staff is reported in terms of gender, age and academic qualifications.

3.3.1 Administrative Staff by Age and Academic Qualification

The age structure of administrative staff is evenly spread with about 51 percent in the age range below 41 years and the remaining 49 percent aged above 40 years. About 46 percent of the administrative had an undergraduate (first) degree, masters or PhD whereas 54 percent had a diploma or even lower qualifications. The employer stands to gain more from this cadre through needs-based training and development. Figure 27, Figure 28 and Figure 29 provide an overview picture of administrative staff with their academic qualifications. Detailed information on administrative staff is obtainable in tables B70 - Table B88 as further elaborated by results presented in Appendix B.
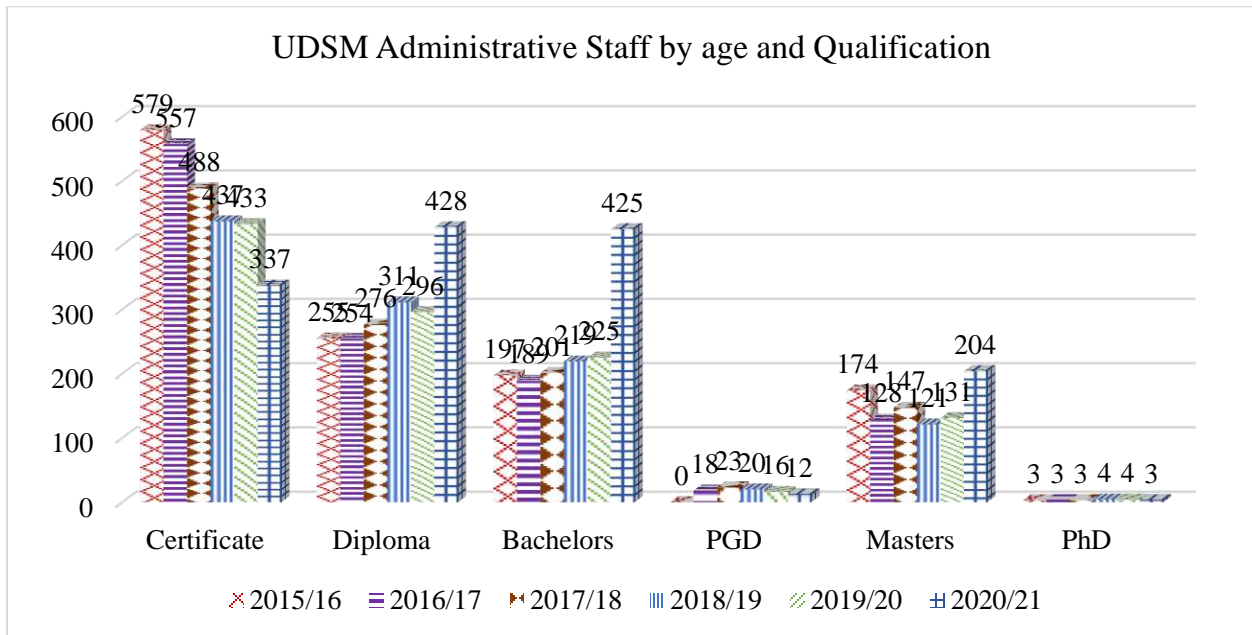
Figure 26: UDSM administrative staff by age and academic qualification
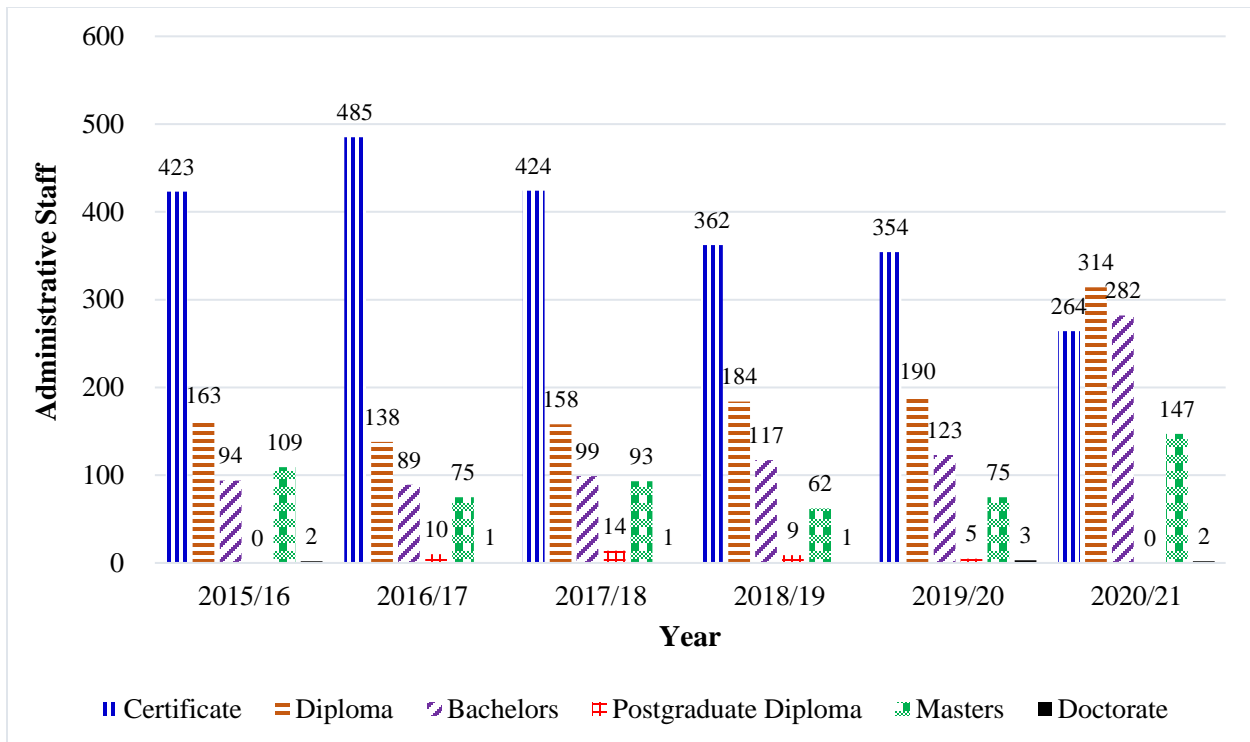
Figure 27: UDSM MJNM Campus administrative staff by academic qualification
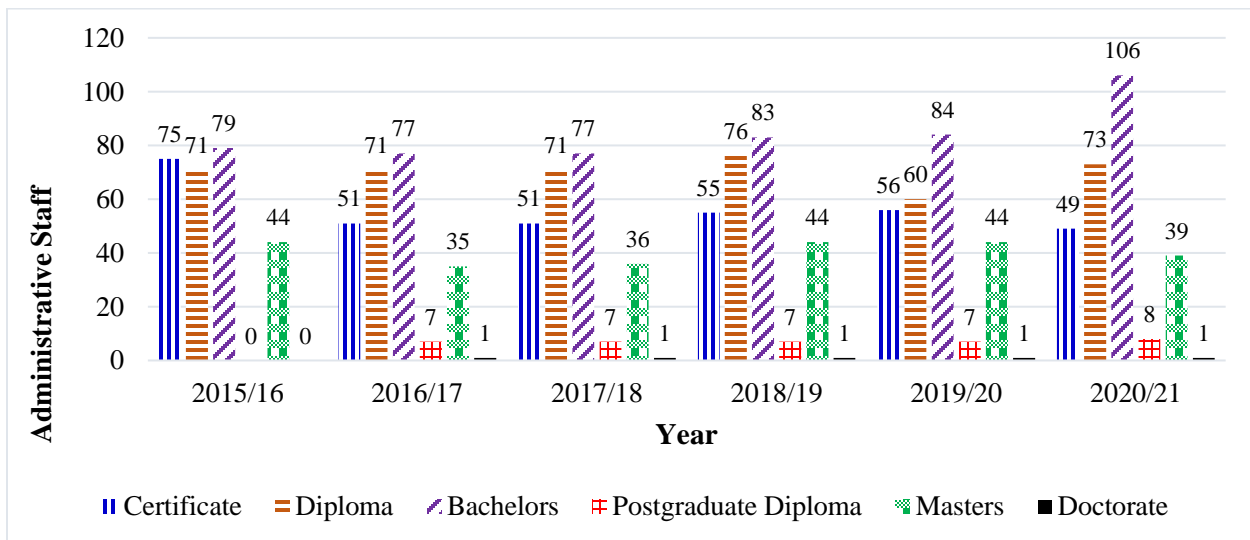
Figure 28: DUCE administrative staff by academic qualification
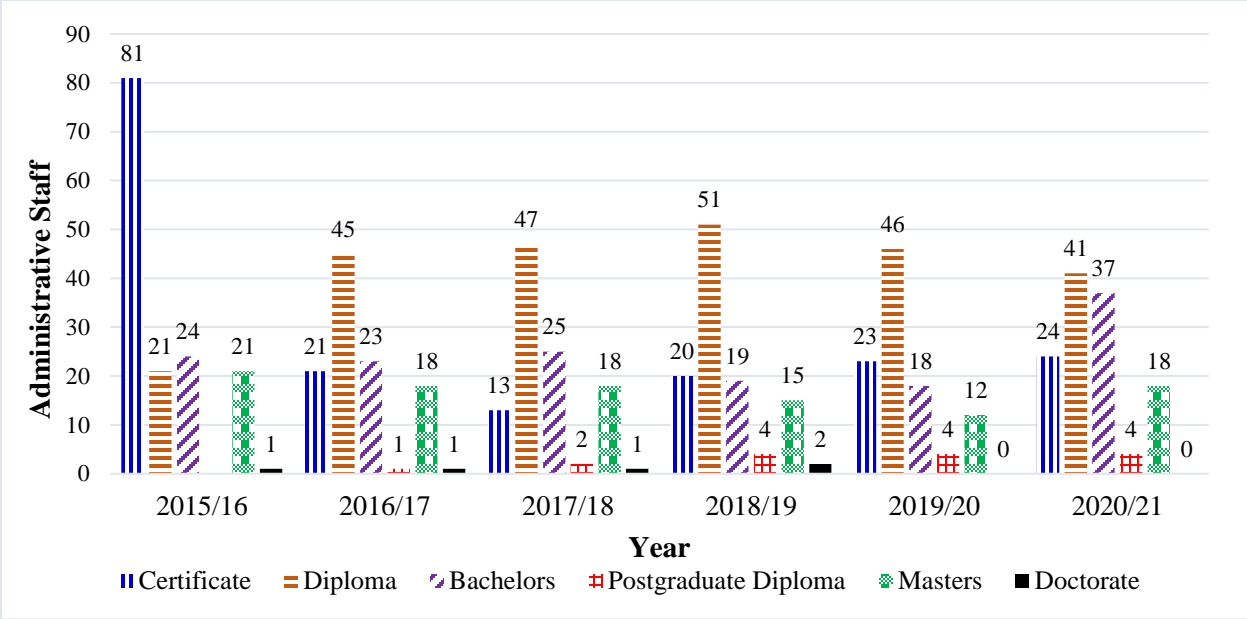
Figure 29: MUCE administrative staff by academic qualification

3.4 Research and Publications

Research is one of the three core functions of the University. This section presents information on the number of research projects completed or in progress, UDSM's active journals, publications by UDSM's staff, professorial chairs and research grants offered in various disciplines.

3.4.1 Research Projects Completed or in Progress

The number of research projects registered at the UDSM has increased from 145 projects in 2015/2016 academic year to 294 projects in the 2020/2021 academic year, as indicated in Figure 30. This remarkable increase in the number of registered research projects is due to the introduction of competitive research grants for the UDSM's staff since the 2017/2018 academic year whereby the amount of internally generated funds dedicated to research has increased from TZS 600,000,000 in 2017/2018 academic year to TZS 2,000,000,000 in the 2020/2021 academic year. Further details of research projects for Colleges, Schools and Institutes are provided Table B89 in Appendix B.
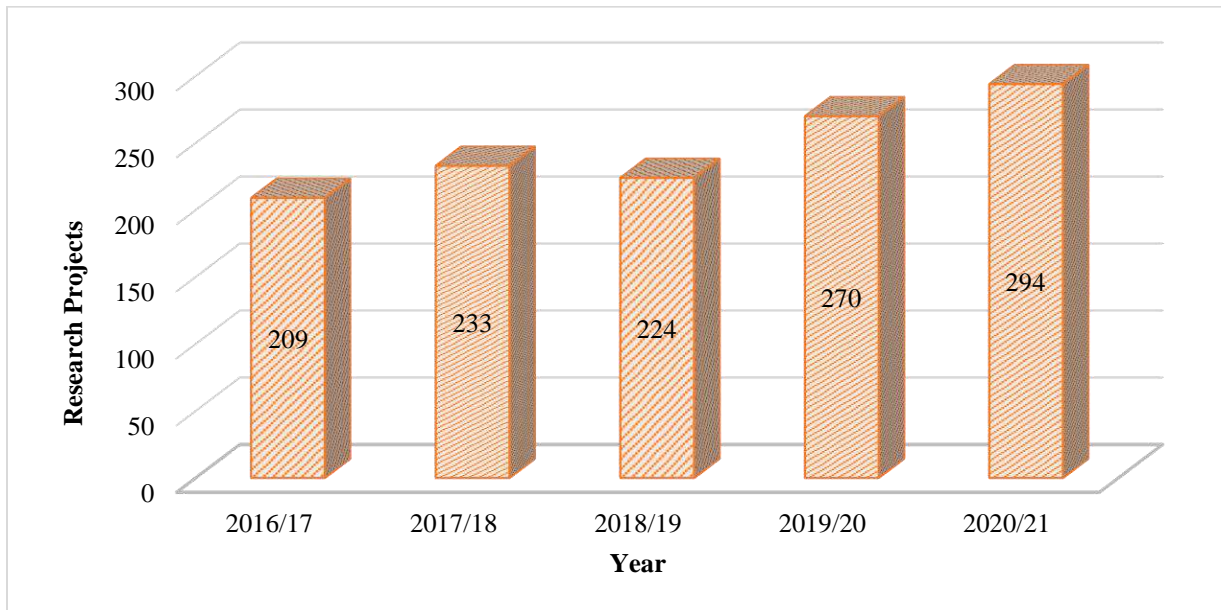
Figure 30: UDSM's completed and in-progress research projects

3.4.2 UDSM's Active Institutional Journals

Figure 31 presents the active journals that increased from 21 in 2015/2016 to 23 in the 2020/2021. Since the 2017/2018 academic year, the University introduced rigorous quality

assurance research whereby UDSM's journals are annually evaluated against predetermined standards for local and international recognition. Journals, which do not pass the set criteria, lose their status as active institutional journals of the UDSM. This sanction against faltering journals explains the increase in number of active journals to 46 in 2016/2017 and the decrease thereafter. Table B90 in Appendix B provides further information on the active journals by College, School and Institute.
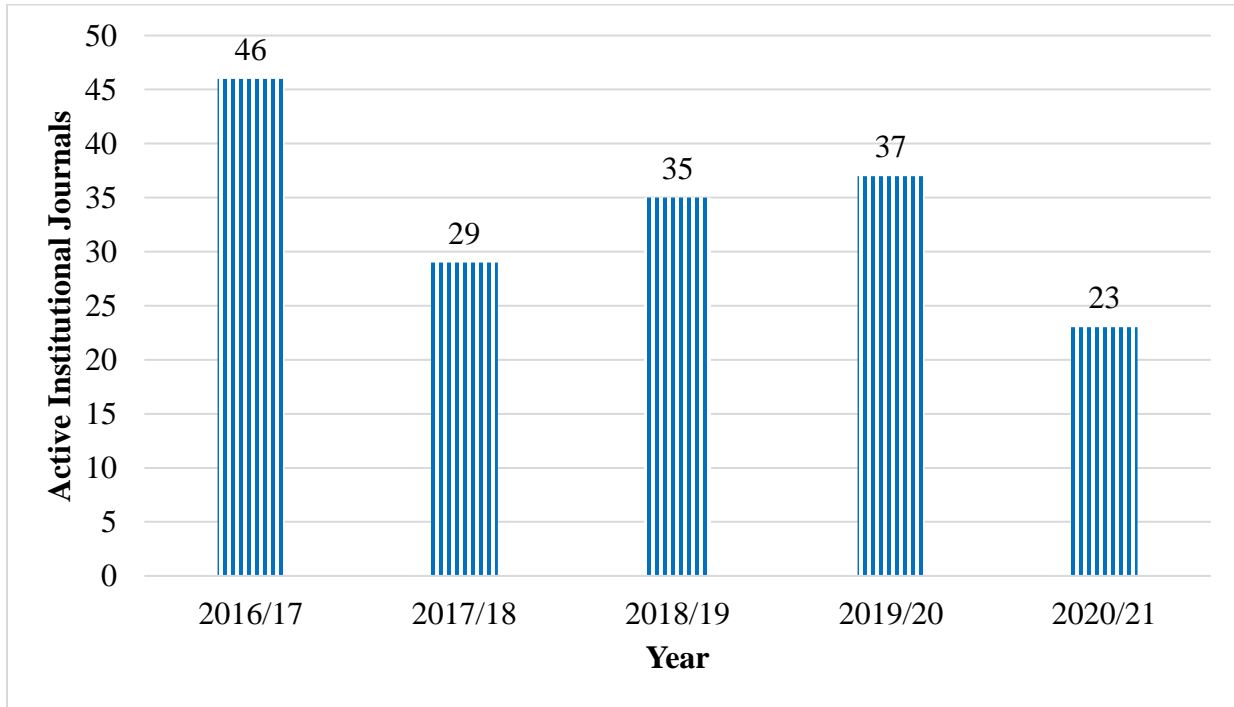
Figure 31: UDSM active institutional journals

3.4.3   *Journal Articles Published by UDSM Staff*

In 2015/2016, the University published 333 papers in various journals whereas in the 2020/2021 academic year the University published 626 papers in various journals as indicated in Figure 32. The number of journal papers published by the UDSM's researchers from 2015/2016 to the 2020/2021 academic year is a cumulative sum of papers published in every year, which is 2,719 journal papers. Further details are provided in Table B91 in Appendix B with comparative statistics for College, School and Institute levels.
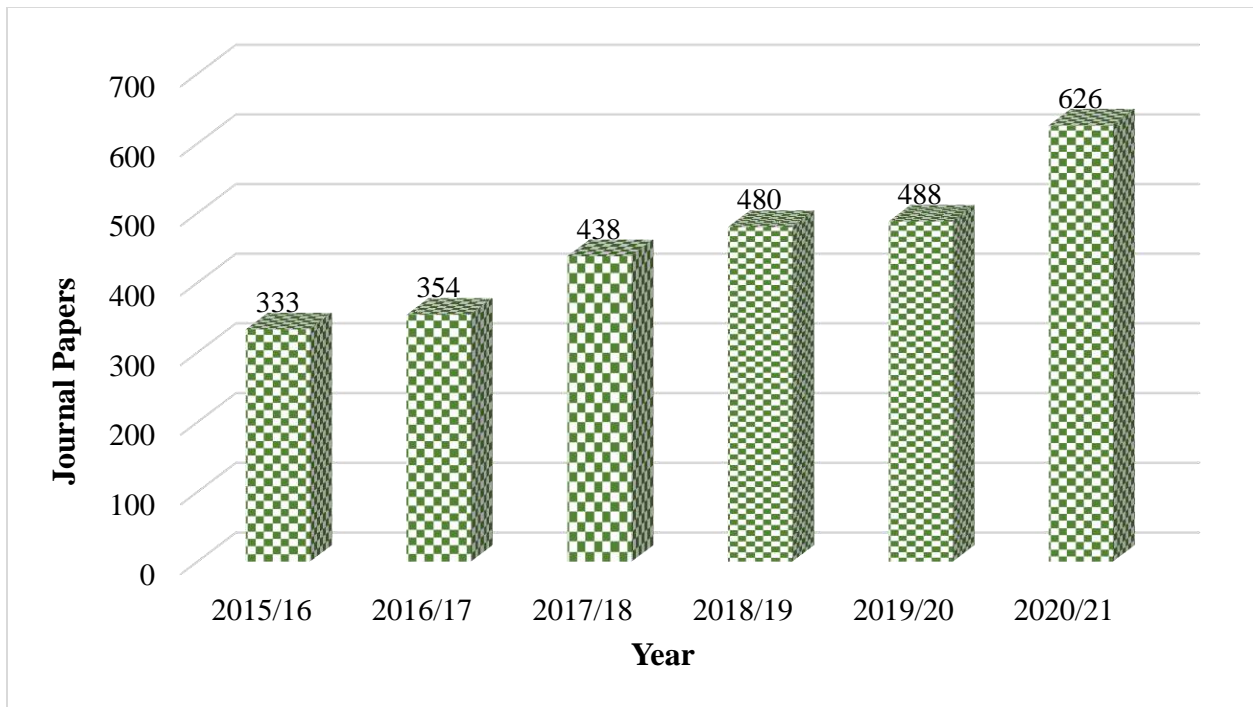
Figure 32: Number of journal articles published by UDSM's staff

3.4.4 Conference Papers Published by UDSM Staff

The number of conference papers published by UDSM staff per annum increased from 151 papers in 2015/2016 academic year to 339 papers in 2018/2019 academic year as indicated in Figure 33. The increase in the number of conference papers is attributable to the commitment of the UDSM to supporting its faculty through competitive research grants for conducting research and providing direct financial support to staff who wish to disseminate their research findings. However, the Covid-19 pandemic affected the researchers' participation in conferences as manifested by the decrease in the number of conference papers from 339 papers in 2018/2019 to 105 conference papers in the 2020/2021 academic year as indicated in Figure 33. Table B92 in Appendix B. provides more details on conference papers by College, School and Institute.
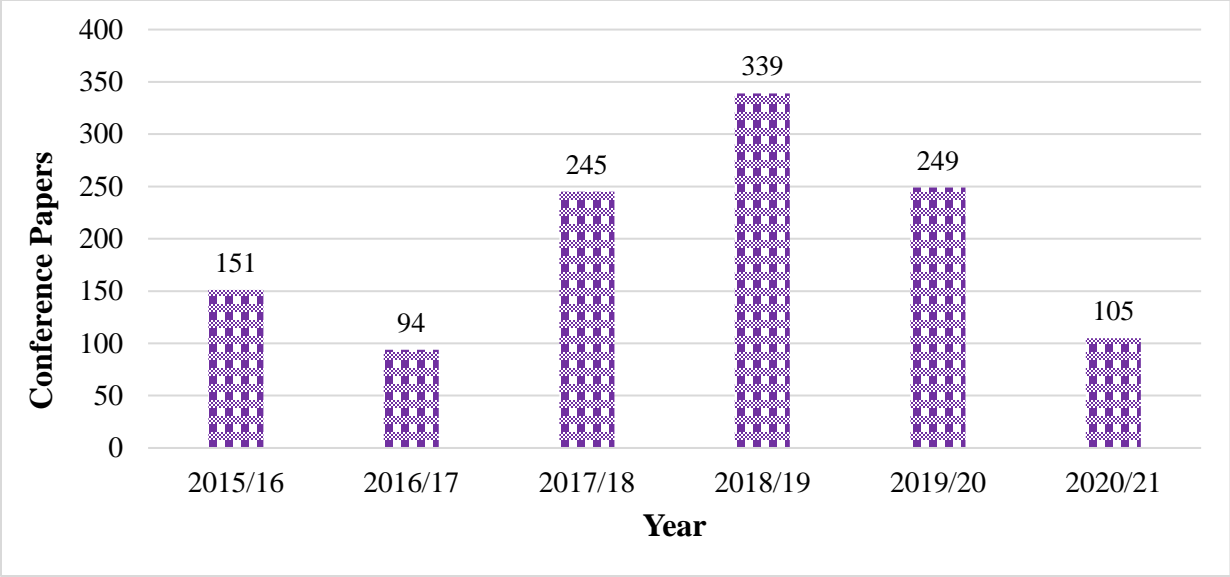
Figure 33: Number of conference papers published by UDSM staff

3.4.5 Summary of Total Number of Papers Published by UDSM's Staff

The summary of the number of conference and journal papers published per annum by UDSM staff increased from 484 papers in 2015/2016 to 731 papers in the 2020/2021 academic year as indicated in Figure 34.
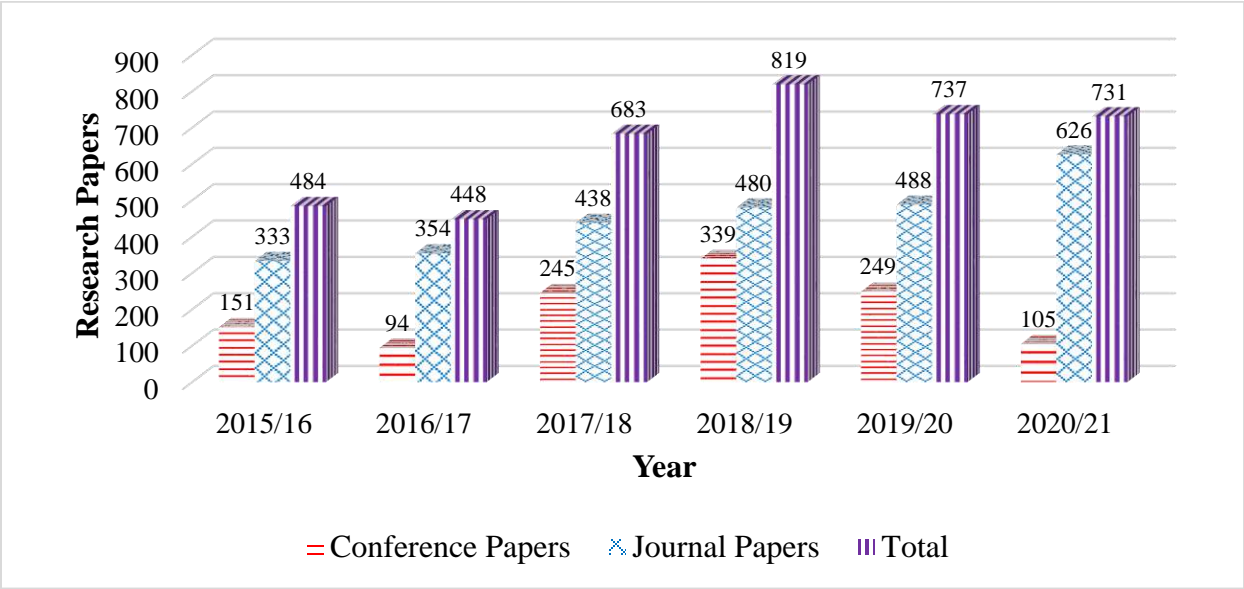
Figure 34: Number of papers published by UDSM staff

3.4.6 Books Published by UDSM Staff

The number of books published per annum by UDSM staff has increased from 6 books in 2015/2016 to 17 books in the 2020/2021 academic year as indicated in Figure 35. A detailed breakdown of the published books for various Colleges, Schools and Institutes is presented in Table B93 in Appendix B.
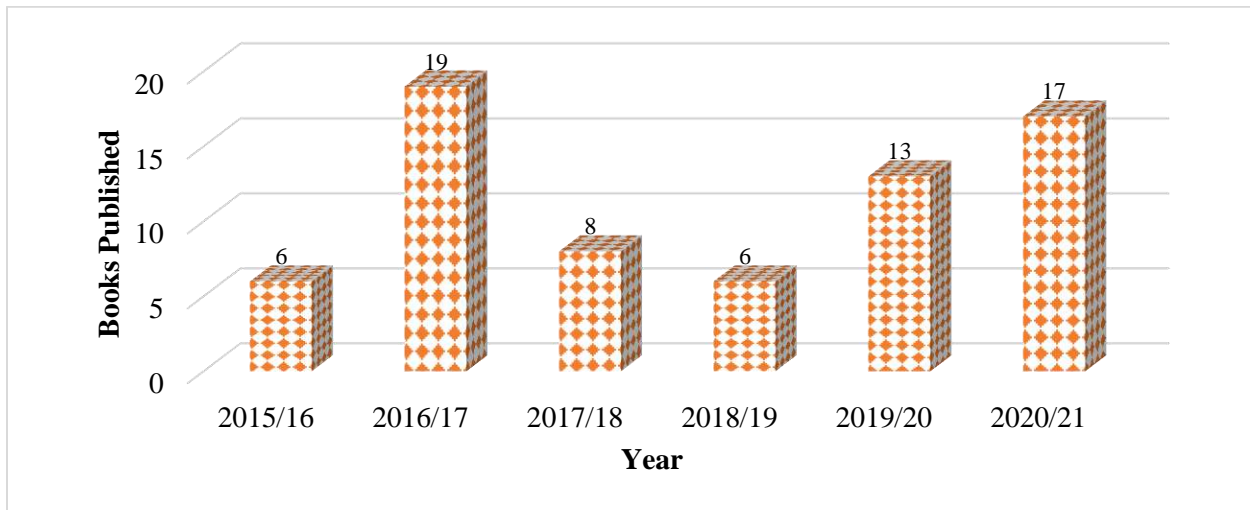
Figure 35: Number of books published by UDSM staff

3.4.7 Book Chapters Published by UDSM's Staff

The number of book chapters published per annum by UDSM staff has increased from 25 book chapters in 2014/2015 to 46 book chapters in the 2019/2020 academic year as indicated in Figure 36. Detailed breakdown of the published book chapters for various Colleges, Schools and Institutes is presented in Table B94 in Appendix B.
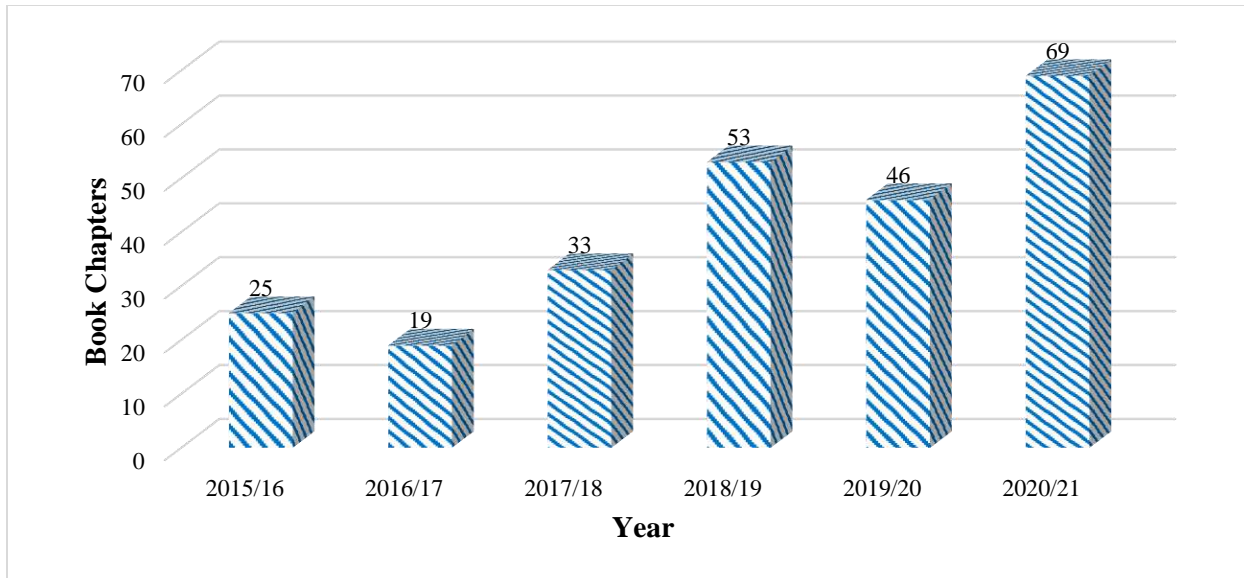
Figure 36: Book chapters published by UDSM staff

3.4.8 *Professorial Chairs*

The position of Professorial Chair is an academic position created in recognition of an eminent scholar's significant contribution to scholarship and research and/or development of the University. It is awarded to a person at the level of professor who has distinguished them in the discipline they are representing. In the 2019/20 academic year, the University of Dar es Salaam had the following professorial chairs:

1. Mwalimu Nyerere Professorial Chair in Pan Africanism;
2. Mwalimu Nyerere Professorial Chair in Kiswahili;
3. Mwalimu Nyerere Professorial Chair in Environment and Climate Change;
4. Mwalimu Nyerere Professorial Chair in Development; and
5. Mwalimu Nyerere Professorial Chair in Biotechnology.

3.5 Library Services

Following an increase in student enrolment at both the undergraduate and postgraduate levels, library services at the MJNMC have been strengthened. In 2019, the University opened the new library at MJNMC. Thus, now there are two libraries: The old and the new libraries. The new library has a sitting capacity of 2,100 users at a time, more than 160 computers for searching for e-resources, special computers for supporting users with special needs, several postgraduate and

researchers study chambers. The new library is supported by a solar energy system and water reserve in case of sudden power and water outages, respectively. Moreover, more information user-friendly technologies have been introduced in the old library to enable excellent library services access such as resources and facilities (both in print and electronic formats) as well as favourable space for reading, shelving, and ICT facilities. In addition, the University has enhanced its subscription to full-text electronic journals and bibliographic databases, creation of Online Public Access Catalogue (OPAC) for the entire campus resources, and reorganisation of the library along subject specialisation.

3.6   ICT Services

The rapid development in the deployment and use of Information Communication Technology (ICT) worldwide have inclusively affected both the pedagogy and administrative approaches of the academia. In this regard, the UDSM is no exception. Several initiatives are being undertaken by the UDSM to ensure that in its Vision 2061, the University keeps pace with the agility in the integration and use of ICT in its triad of teaching, learning, research and public service provision. Some of these initiatives are as follows:

i)   Creation and maintenance of ICT centres – namely the Centre for Virtual Learning (CVL) and the University Computing Centre (UCC); and

ii)   Development and maintenance of various information systems such as Academic Registration Information System (ARIS), Vote Book, Research repositories and Open Performance Review and Appraisal System (OPRAS).

In a much broader sense, the UDSM's strategy is to embrace ICT as an enabler for and driver of the University's core business. To enhance its competitiveness, the UDSM will require radical improvements to ensure the availability of adequate, modern and well-maintained teaching and learning infrastructure, and facilities as well as financial resources. From the ICT usage perspective, the following sections present some specific initiatives the UDSM taken towards fostering ICT application in teaching and learning (online education), research, and administrative operations during the past six years.

3.6.1 ICT in Teaching and learning

The strategic orientation of the UDSM regarding online education is to optimise its usage depending on available circumstances. In terms of significant initiatives towards online and blended education, the UDSM has made some crucial progress with respect to development of an in-house capacity for and experience with online education intervention. In this regard, the UDSM has established and adequately equipped a full-fledged Centre for Virtual Learning (CVL) www.cvl.udsm.ac.tz

The CVL is a UDSM unit operating within the College of Information and Communication Technologies (CoICT), responsible for the provision of requisite technical support to all University's academic units in the design and delivery of ICT-mediated distance learning programmes. The academics get support in educational technology particularly in instructional multimedia production and training in applying Learning Management Systems (LMS).

The UDSM currently uses the open-source Moodle as a learning management system. Using the in-house capacity provided by the CVL, the UDSM is now offering three postgraduate programmes fully online: one at the master's level and two at the diploma level. These are: Master of Engineering Management (MEM), Postgraduate Diploma in Engineering management (PGDEM) and Postgraduate Diploma in Education (PGDE). In addition to these internally-managed programmes, the centre also hosts programmes from other universities. In the recent past, the Government of the United Republic of Tanzania and the Government of India signed a Memorandum of Understanding (MoU) to implement the Pan-African e-network Project. Under this project, Indian Universities offer different degree and non-degree programmes to some selected African countries using e-learning technology and video conferencing facilities. The UDSM, through its CVL facility was selected by the Government of Tanzania as the National Tele-Education Centre under this Project. Thus, the UDSM in collaboration with Amity University in India, is co-ordinating and facilitating the following academic programs: *Post-Graduate Diploma in Information Technology (PGD-IT), Post Graduate Diploma in French Language (PGDFL), MBA in International Business (MBA-IB), Master of Finance & Control (MFC), Master of Information Technology (M.Sc.-IT), B.Sc. Information Technology (B.Sc.-IT), Bachelor of Finance & Investment Analysis, and Bachelor of Business Administration (BBA).*

In addition to distance education support, the CVL strives to strengthen the traditional face-to-face teaching and learning experience at the UDSM by helping academic units to digitise their course contents (lecture materials, assignments, references, etc.,) and making them available through the learning management system in addition to developing new interactive course contents.

Apart from serving the University, as has been presented here, the excess capacity of the CVL facility provides consultancy services to the public in the use of technology in Education and Multimedia Production including training on related issues. A case in point here is the ongoing project, namely: *Using ICT to Re-tool and Up-skill In-service Science Teachers*. This project is sponsored by the World Bank and aims to upgrade the content knowledge of secondary school teachers in Tanzania on difficult subject topics in Science and Mathematics using multimedia-enhanced content. The pilot project focuses on Science teachers' content knowledge mastery for difficult topics in Mathematics, Physics, Biology, and Chemistry at the O-Level of secondary education- www.retooling.udsm.ac.tz.

The UDSM has another centre apart from CVL, which also provides some online professional development training and expertise through partnership. The University Computing Centre (UCC) www.ucc.co.tz is an authorised Person VUE Testing Centre dedicated to enabling professionals and academics to pursue information technology and project management courses and take certification tests. Some of the on-line examinations conducted at the UCC's Person VUE Testing Centre are *Microsoft Certification Examinations, i.e. MCSA, MCSE, MCDA; Cisco Certification Examinations, i.e. CCNA, CCNP; Oracle Certification Examinations, i.e. OCA; and Information Technology Infrastructure Library v3 ITIL Examinations.*

3.6.2   *Information Systems Supporting Teaching and Learning – ARIS*

The ARIS holds all the information relating to students and their studies at the University of Dar es Salaam. Specifically, ARIS allows Staff and Students of the UDSM to manage their management tasks online. Here is an example of what ARIS can do:

For Students:
- Register for Courses online
- View Course Progress and Results

For Teaching Staff:

- View list of Students per Course
- Publish Course Results
- Track Students' Progress

Other:

- Accommodation Management
- Payment Management
- Degree Configuration
- Postgraduate Online Application service
- Time table system and other web-based systems like iLab and library information system (AdLib)

3.6.3 Information Systems Supporting Research

Some of the systems are the Research Repository of the University of Dar es Salaam, which is an online/digital collection of research and publications from the UDSM. It serves the self-archive function for published work of UDSM's staff in various publication media worldwide. The Research Repository collects, preserves and avails publications and conference papers, journals, books and other outputs created by the UDSM's researchers. Researchers can upload their CVs while simultaneously updating their profiles. Participation in the UDSM's Research Repository helps to ensure that publications are more visible and highly cited. Moreover, the research information management system continues being developed for enhanced performance.

Other information systems which support research are as follows:

- UDSM Journal System, a hosting media for UDSM approved journals owned by various UDSM units;
- Research Projects Registration System, which the UDSM's staff use to register their research projects; and
- Consultancy Registration System, which the UDSM's staff use to register their consultancy projects.

Apart from these information systems, the UDSM through the University of Dar es Salaam Library subscribes to various well-known international Journals and/or e-resources. Some of these are the following:

- Ebscohost

- Wiley Online Library
- Nature - Science and Education
- Emerald Insight
- Tylor & Francis Online
- Springer Link

For open access the following e-resources are available:

- Research4Life
- JSTOR
- IMF Library

For plagiarism checking in publications, UDSM has subscribed to Turnitin Anti-plagiarism software www.turnitin.com

3.6.4   Information Systems Supporting Management and Administration

Apart from the services related to the core functions of the University, that is, teaching, research, and public service, which have received considerable ICT support, the supporting functions and related services at the UDSM, which have received a considerable degree of automation, include Accounting and Financial Management, Payroll, Human Resource, Stock Control and equipment/asset management which are all automated and integrated in a single database—the VOTE BOOK system.

VOTE BOOK is an in-house developed piece of software, which has been in use for supporting services since 2009, when the UDSM deregistered from and abandoned the use of SCALA, a proprietary FIS.

The University also uses an online Open Performance Review and Appraisal System (OPRAS), for staff performance assessments and appraisal in line with the country's Civil Service Establishment.

3.6.5   ICT Infrastructure Capacity

Currently, the UDSM has two Internet links, one through the SEACOM Company with a capacity of STM1 i.e., 155Mbps; and another through the TERNET Consortium with a capacity of 150Mbps. Hence the total capacity of the internet link is 305Mbps.

3.7 Consultancy and Services

Conducting consultancy is one of the major functions of the University of Dar es Salaam. In this regard, the University conducts consultancy services in order to ensure that its expertise benefits the community and serves as a means for the University's income generation. Through the Directorate of Public Services, the University ensures that consultancy services are offered to the community with the highest level of professionalism, ethical considerations and integrity. In this regard, the University has policy and regulations in place to guide the conduct of consultancy services. Moreover, every consultancy work is registered in the Consultancy Management System for easy monitoring.

3.7.1 *Consultancy Projects and Value*

The number of consultancy projects registered has increased from 120 in 2015/2016 to 145 projects in the 2019/2020 and then drop to 99 in 2020/2021 academic year, as Figure 37 illustrates. Similarly, the value of consultancy projects has increased from TZS 6.92 billion in 2015/2016 to TZS 15.11 billion in the 2019/2020 and drops to 4.19 billion in 2020/2021 academic year as Figure 38 further indicates. The increase in the volume and value of the UDSM's consultancy projects may be attributable to increased internal controls of consultancy projects such as the introduction of the online Consultancy Management System and increased community trust in the UDSM. The decrease in the value and number of consultancy projects in 2020/21 may be attributed to the Covid-19 endemic. Detailed data on the consultancy value is presented in Table B89 in Appendix B.
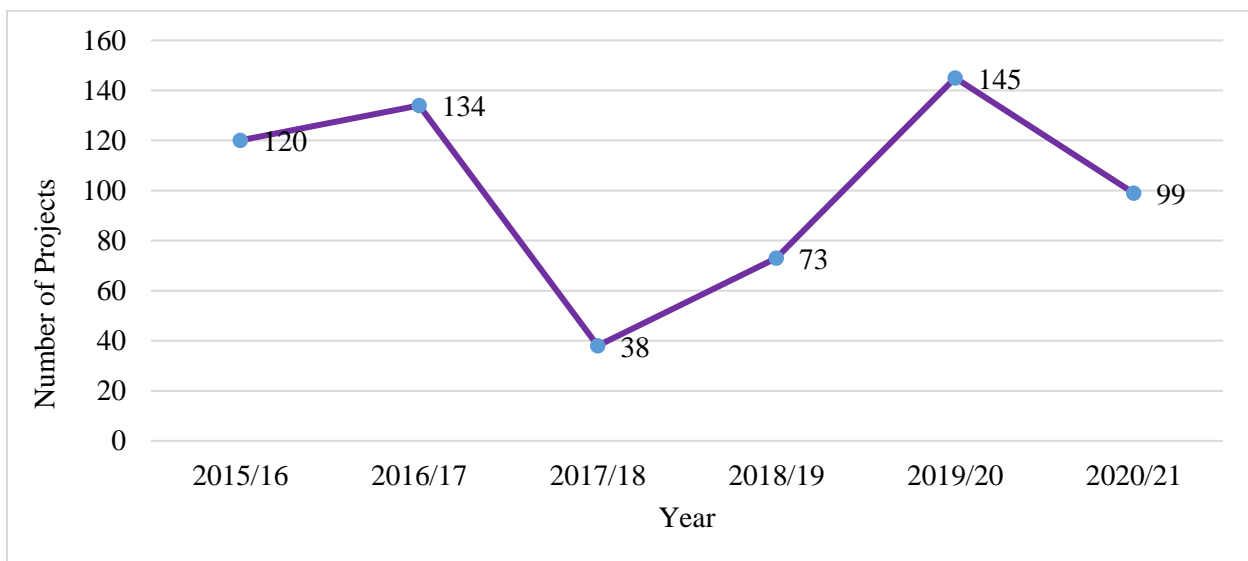
Figure 37: UDSM MJNM Campus consultancy projects
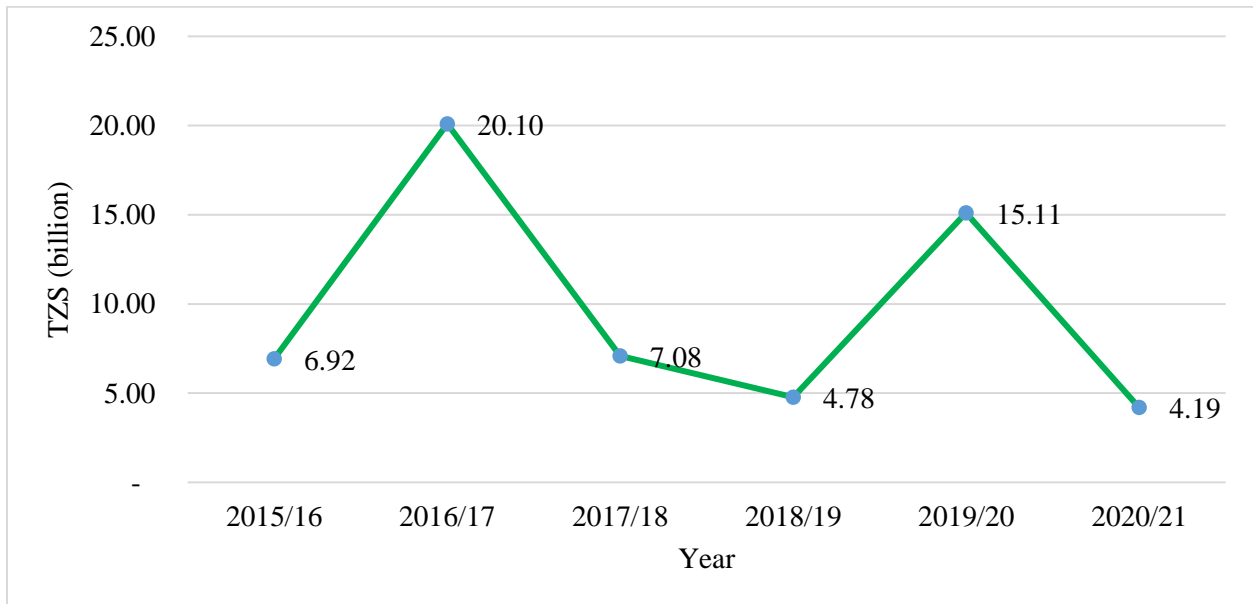
Figure 38: UDSM MJNM Campus consultancy value

4 FINANCIAL RESOURCES AND STUDENTS ACCOMMODATION

4.1 Budget Performance

One of the pillars that would enable the University to realise its Vision 2061 is the availability and sustainability of resources. Annual budgets that are endorsed by the University Council (for UDSM MJMN Campus), the respective College Boards (for DUCE and MUCE) and submitted to the Government for final approval cover costs for personnel emoluments, capital development, and other operating costs. In the recent years, the Government has been approving only around 90 percent of the Council/College Board budgets request, and the average actual receipts have been up to 75 percent of the Government approved budget (see Figure 39). In the 2018/2019 fiscal year, the Government paid all the long overdue salary and other benefits arrears, thus making an overshoot of the Government-approved against Council requested budget to 103 percent as Figure 39 illustrates. The Government has also been supporting full Personnel Emolument budget and partial capital development budget for the construction of the halls of residence, office buildings, lecture theatres, and rehabilitation of various infrastructures whenever funds are available. To appreciate the Government's support, the University has been allocating 60 percent of its internal revenue for operational activities and the remaining 40 percent to supporting the rehabilitation, expansion of the UDSM's infrastructure and other development expenditures. In fact, the University continues to implement cost-cutting measures and diversifying income-generating activities as stated in Section 4.3 of the UDSM's Vision 2061. Figure 40, Figure 41 and Figure 42 depict the financing trend of the UDSM MJNM Campus' budget, those of the two Constituent Colleges' budgets, and the actual receipts. Details of the UDSM's financial performances appear in tables C1 - C8 in Appendix C.
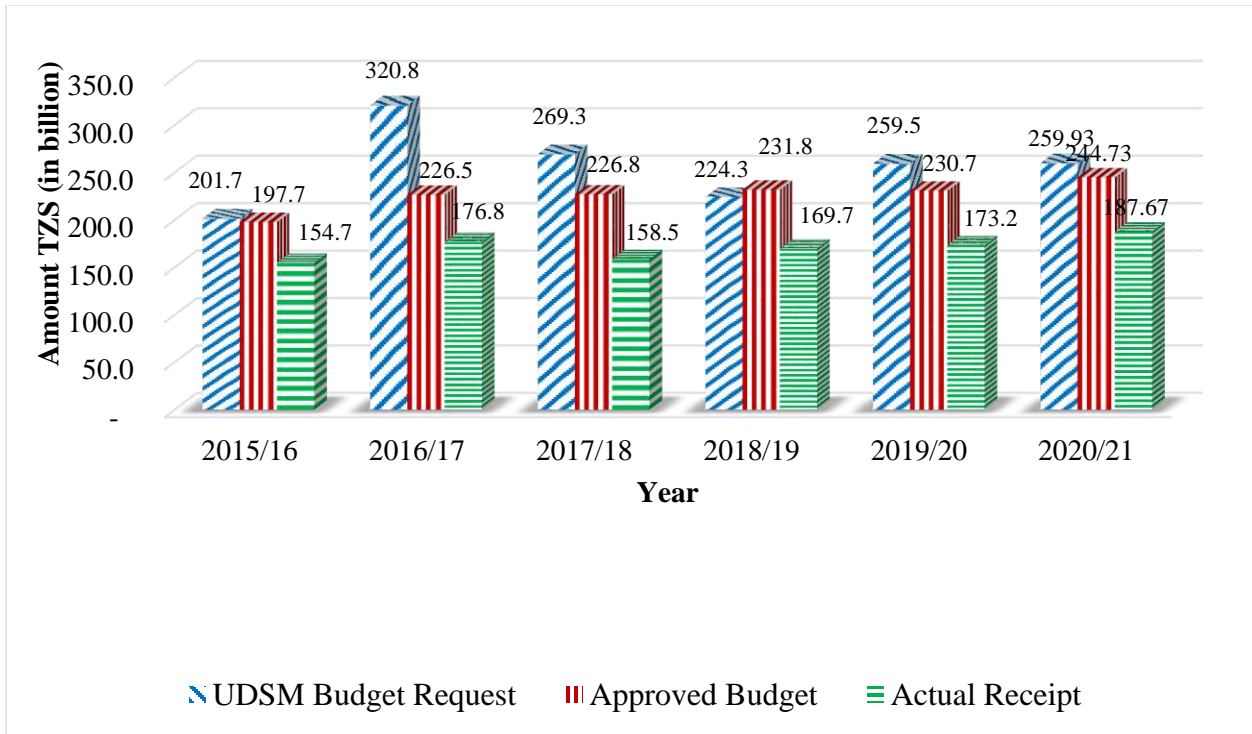
Figure 39: UDSM budget request, Government approved budgets and actual receipt
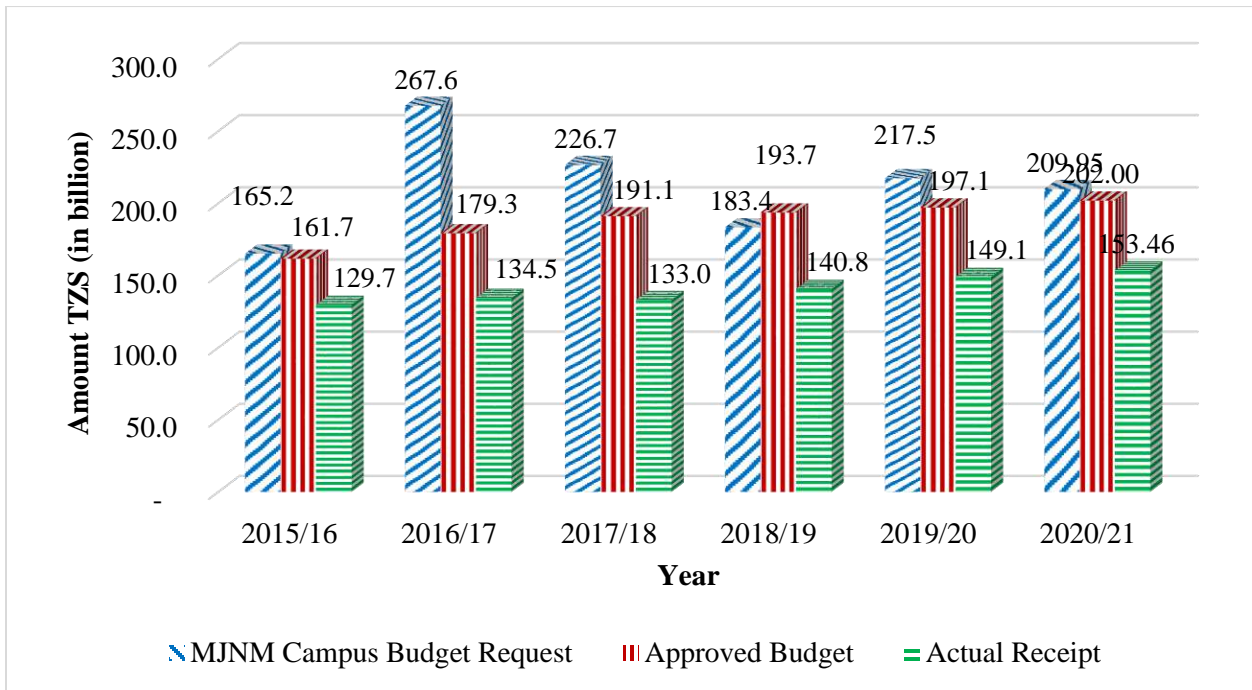
Figure 40: MJNMC Council budget request, Government approved budgets and actual receipt

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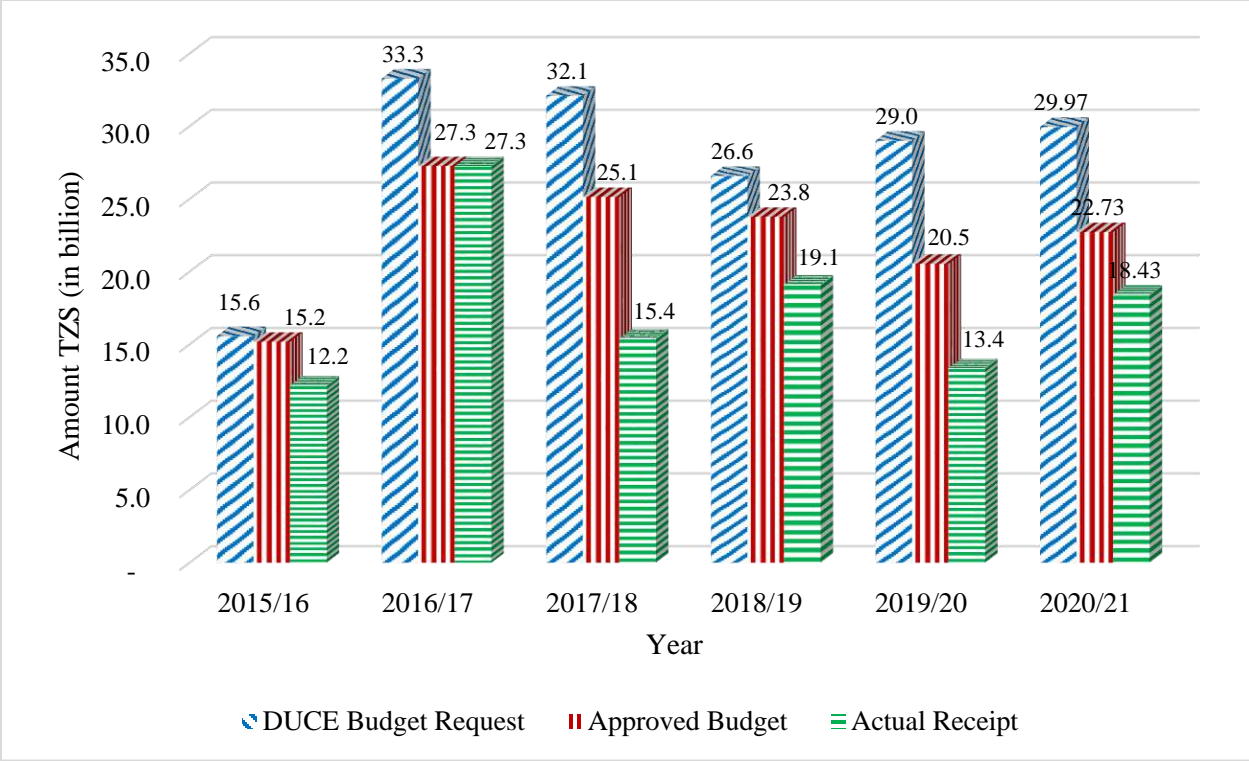
Figure 41: DUCE College Board budget request, Government approved budgets and actual receipts
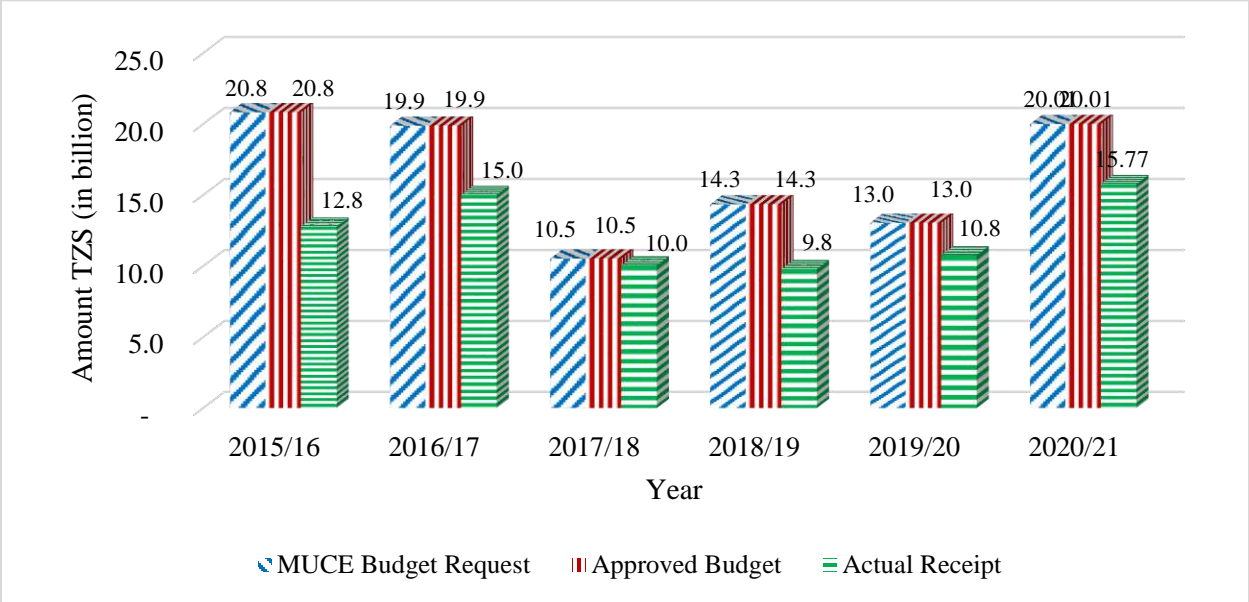
Figure 42: MUCE College Board budget request, Government approved budgets and actual receipts

4.2 Internally-generated Income

Figure 43, Figure 44 and Figure 45 detail the income generated per annum at the MJNM Campus, DUCE and MUCE, respectively from 2015/2016 to the 2020/2021 academic year.

Internally-generated income for the MJNM Campus has increased by 55 percent from TZS 32.69 billion in 2017/2018 to TZS 50.64 billion in the 2020/2021 academic year as indicated in Figure 43. The increase in internally-generated income is attributable to the rise in the number of admitted students and strengthening of revenue collection measures.

Internally-generated revenue for MUCE has increased by 16 percent from TZS 5.89 billion in 2017/2018 to TZS 6.85 billion in the 2019/2020 academic year as Figure 45 illustrates. The increase in the amount of internally-generated funds is attributable to the same reasons outlined above.
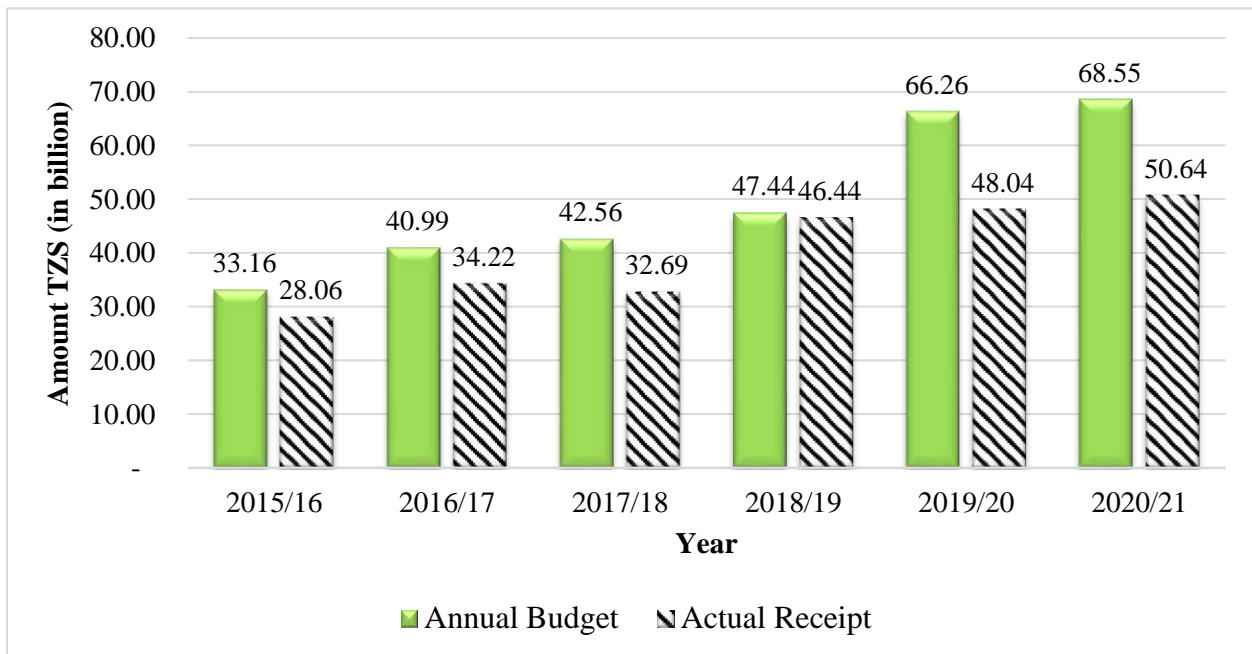
Figure 43: MJNM Campus' internal income budget and receipt
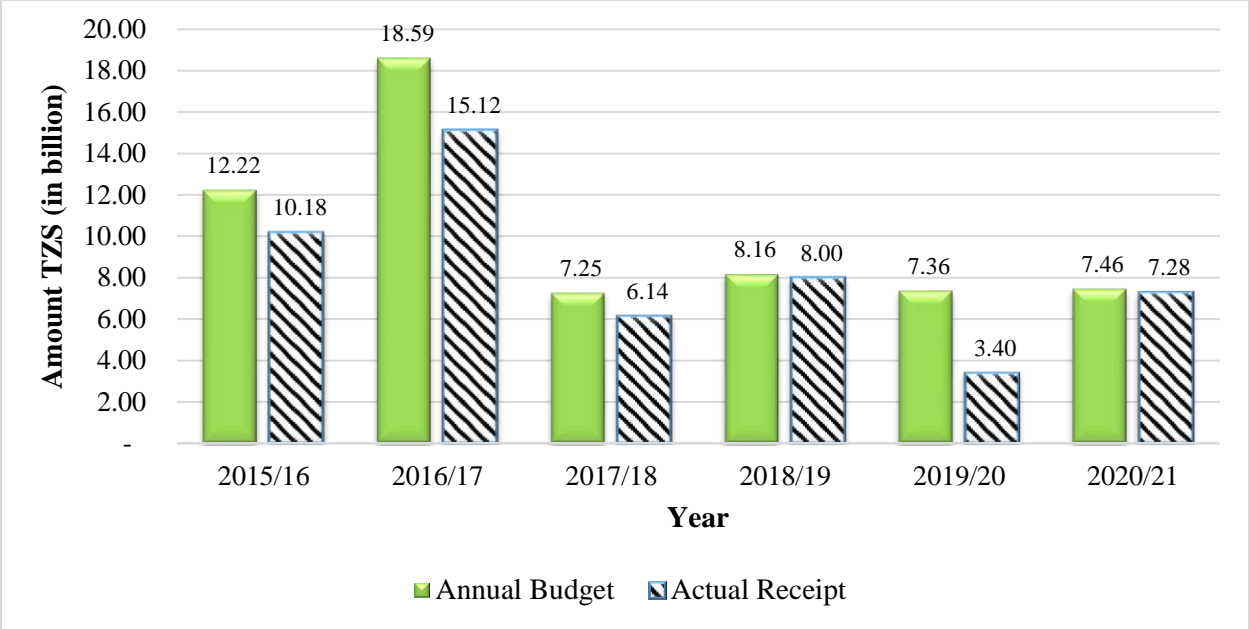
Figure 44: DUCE's internal income budget and receipt
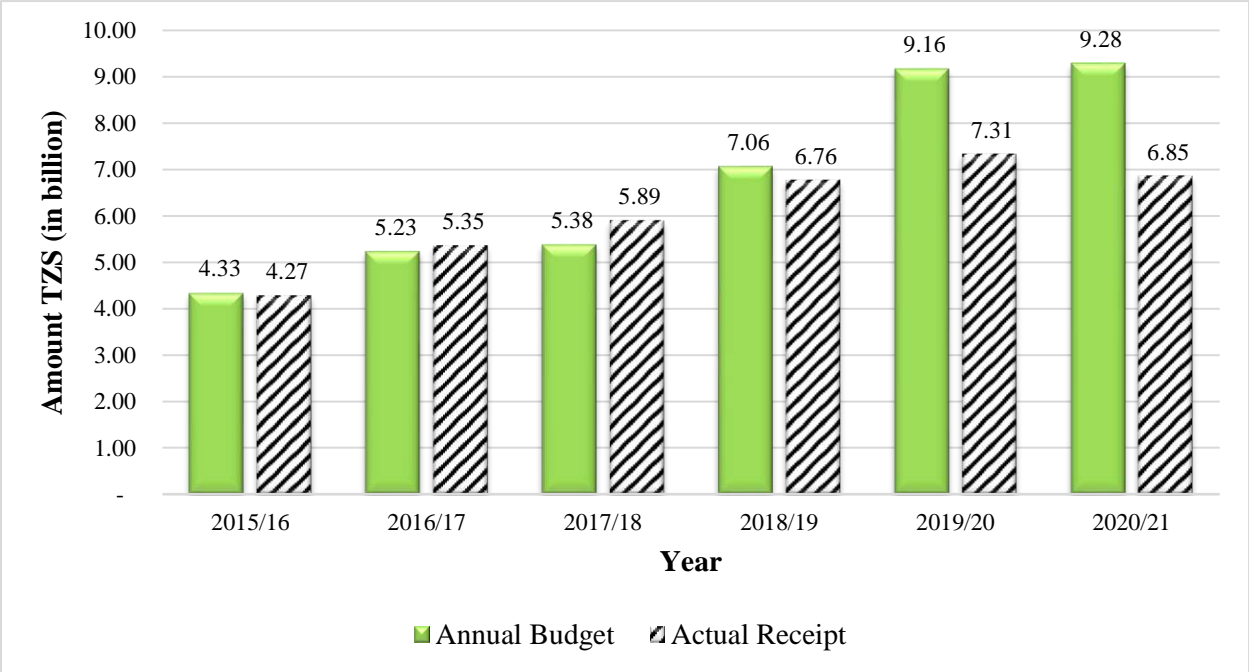
Figure 45: MUCE's internal income budget and receipt

4.3   Students' Accommodation Facilities

University students have a free choice to stay in University hostels or rent accommodation in private hostels, residential houses or apartments located in the neighbourhood. With 39,034 students' enrolment for the 2020/2021 academic year, the University accommodation capacity available is to cater for only 35 percent of the population. The University recognises that the type of accommodation at the disposal of its students affects the overall learning process and, eventually, the quality of graduates. The prevailing accommodation status places unavoidable need to rehabilitate the halls of residences currently available in addition to developing more facilities in the spirit of further enhancing the quality of learning. Table C9 in Appendix C provides the 2020/2021 academic year enrolment figures, installed capacity for students' accommodation and actual occupancy. Details of accommodation at the MJKNM Campus and the two constituent colleges of DUCE and MUCE are presented in tables C10 to C12 in Appendix C.

5 CONCLUSION

The *Facts and Figures Report* contains information, which will serve a multi-pronged purpose for the University as well as its diverse stakeholders and publics. The report presents a composite picture of the University of Dar es Salaam from 2015/2016 to the 2020/2021 academic year regarding programmes on offer and students' profiles, staff profiles, research and publications, library services, ICT services, consultancy services, financial resources and students' accommodation. Such an array of data can help the University in decision-making in respect of any arising challenges and prioritisation of tackling these challenges based on available resources, innovation and the University's time-tested expertise. The report further provides a synopsis of the extent to which the University has been implementing its core functions with respect to the UDSM's Vision 2061 and its multi-faceted strategic plans congruent with its status as a comprehensive University in Tanzania, Africa and the world.

6 APPENDICES

6.1 Appendix A: Tables for UDSM's Offered Programmes and Student Profiles

6.1.1 Programmes Offered by UDSM

Table A1: Number of Programmes Offered by UDSM, 2020 /2021

S/N	Unit	Certificates	Diploma	Bachelors	PG Diploma	Masters	PhD	Total
1	CoAF			5		6	6	**17**
2	CoET			10	6	24	17	**57**
3	CoHU	1	1	18		18	11	**49**
4	CoICT	1	1	6	1	14	10	**33**
5	CoNAS			13	1	18	14	**45**
6	CoSS			8		22	11	**41**
7	IDS			1		4	1	**6**
8	IKS			1		2	2	**5**
9	IMS			1		3	2	**6**
10	IRA					2	2	**4**
11	CCCS					2	1	**3**
12	SJMC	1	1	3	1	2	1	**8**
13	SoAF			1		2	2	**5**
14	SoED			5	1	7	2	**15**
15	SoMG			9		6	4	**19**
16	UDBS			7		6	3	**16**
17	UDSM-MCHAS			1				**1**
18	UDSM-MRI	12	6					**17**
19	UDSoEC			2		3	2	**7**
20	UDSoL	1		2		10	1	**14**
21	DUCE			5	1	7		**13**
22	MUCE			5	1	6		**12**
23	**Total**	**16**	**9**	**103**	**12**	**164**	**92**	**396**

Source: DUS and DPGS Offices

6.1.2 Details of the Programmes Offered by UDSM for the 2020/2021 Academic Year

6.1.2.1 Undergraduate Programmes

6.1.2.1.1 Certificate Programmes

College of Humanities (CoHU)

1. Certificate in Sign Language Interpretation

College of Information and Communication Technologies (CoICT)

1. Certificate in Computer Science

School of Journalism and Mass Communication (SJMC)

1. Certificate in Journalism

UDSM School of Law (UDSoL)
1. Certificate in Law

University of Dar Es Salaam Mineral Resources Institute (UDSM - MRI)

1. Basic Technician Certificate in Mining Engineering
2. Technician Certificate in Mining Engineering
3. Basic Technician Certificate in Mineral Processing Engineering
4. Technician Certificate in Mineral Processing Engineering
5. Basic Technician Certificate in Environmental Engineering and Management in Mines
6. Technician Certificate in Environmental Engineering and Management in Mines
7. Basic Technician Certificate in Geology and Mineral Exploration
8. Technician Certificate in Geology and Mineral Exploration
9. Basic Technician Certificate in Petroleum Geosciences
10. Technician Certificate in Petroleum Geosciences
11. Basic Technician Certificate in Land and Mine Surveying
12. Technician Certificate in Land and Mine Surveying

6.1.2.1.2 Diploma Programmes
College of Humanities (CoHU)

1. Diploma in Chinese Language

College of Information and Communication Technologies (CoICT)
1. Diploma in Computer Science

School of Journalism and Mass Communication (SJMC)
1. Diploma in Journalism

University of Dar Es Salaam Mineral Resources Institute (UDSM - MRI)

1. Diploma in Geology and Mineral Exploration
2. Diploma in Petroleum Geosciences
3. Diploma in Mining Engineering
4. Diploma in Mineral Processing Engineering
5. Diploma in Environmental Engineering and Management in Mines
6. Diploma in Land and Mine Surveying

6.1.2.1.3 Bachelor's Degree Programmes

College of Agricultural Sciences and Fisheries Technology (CoAF)
1   Bachelor of Science in Food Science and Technology
2   Bachelor of Science in Beekeeping Science and Technology
3   Bachelor of Science in Agricultural Engineering and Mechanization
4   Bachelor of Science in Agricultural and Natural Resources Economics and Business
5   Bachelor of Science in Crop Science and Technology

College of Engineering and Technology (CoET)
1   Bachelor of Science in Chemical and Processing Engineering
2   Bachelor of Science in Electrical Engineering
3   Bachelor of Science in Textile Engineering
4   Bachelor of Science in Textile Design and Technology
5   Bachelor of Science in Mechanical Engineering
6   Bachelor of Science in Industrial Engineering
7   Bachelor of Science in Civil Engineering
8   Bachelor of Architecture
9   Bachelor of Science in Quantity Surveying
10 Bachelor of Science in Geomatics

College of Humanities (CoHU)
1.   Bachelor of Arts in Archaeology
2.   Bachelor of Arts in Archaeology and History
3.   Bachelor of Arts in Heritage Management
4.   Bachelor of Arts in History
5.   Bachelor of Arts in Language Studies
6.   Bachelor of Arts in Literature
7.   Bachelor of Arts with Education
8.   Bachelor of Arts in History and Political Science
9.   Bachelor of Arts in Philosophy and Ethics
10. Bachelor of Arts in Music
11. Bachelor of Arts in Film and Television Arts
12. Bachelor of Arts in Art and Design
13. Bachelor of Arts in Theatre Arts
14. Bachelor of Arts in Archaeology and Geography
15. Bachelor of Arts with Education (Chinese and English Language)
16. Bachelor of Arts in Diplomatic and Military History
17. Bachelor of Arts in Communication Studies
18. Bachelor of Arts in History Cultural Heritage Management and Tourism

College of Information and Communication Technology (CoICT)
1.   Bachelor of Science in Computer Science
2.   Bachelor of Science in Electronic Science and Communication
3.   Bachelor of Science in Computer Engineering and Information Technology

4. Bachelor of Science in Telecommunications Engineering
5. Bachelor of Science in Electronics Engineering
6. Bachelor of Science in Business Information Technology

College of Natural and Applied Sciences (CoNAS)
1. Bachelor of Science in Actuarial Sciences
2. Bachelor of Science in Applied Zoology
3. Bachelor of Science in Botanical Sciences
4. Bachelor of Science in Chemistry
5. Bachelor of Science in Microbiology
6. Bachelor of Science in Molecular Biology and Biotechnology
7. Bachelor of Science in Wildlife Science and Conservation
8. Bachelor of Science with Education
9. Bachelor of Science in Petroleum Chemistry
10. Bachelor of Science in Meteorology
11. Bachelor of Science in Mathematics and Statistics
12. Bachelor of Science in Chemistry and Physics
13. Bachelor of Science in Applied Microbiology and Chemistry

College of Social Sciences (CoSS)
1. Bachelor of Arts in Geography and Environmental Studies
2. Bachelor of Arts in Political Science and Public Administration
3. Bachelor of Arts in Sociology
4. Bachelor of Arts in Statistics
5. Bachelor of Arts in Library Information Studies
6. Bachelor of Arts in Psychology
7. Bachelor of Arts in Anthropology
8. Bachelor of Social Work

School of Journalism and Mass Communication (SJMC)
1. Bachelor of Arts in Journalism
2. Bachelor of Arts in Mass Communication
3. Bachelor of Arts in Public Relations and Advertising

School of Aquatic Science and Fisheries Technology (SoAF)
1. Bachelor of Science in Aquatic Sciences and Fisheries

School of Education (SoED)
1. Bachelor of Education in Adult and Community Education
2. Bachelor of Education in Commerce
3. Bachelor of Education in Early Childhood Education
4. Bachelor of Education in Physical Education and Sport Sciences
5. Bachelor of Education in Psychology

School of Mines and Geosciences (SoMG)
1. Bachelor of Science in Engineering Geology
2. Bachelor of Science in Geology
3. Bachelor of Science with Geology
4. Bachelor of Science in Petroleum Geology
5. Bachelor of Science in Geology and Geothermal Resources
6. Bachelor of Science in Mining Engineering
7. Bachelor of Science in Geophysics
8. Bachelor of Science in Petroleum Engineering
9. Bachelor of Science in Metallurgy and Mineral Processing Engineering

University of Dar es Salaam Business School (UDBS)
1. Bachelor of Commerce in Accounting
2. Bachelor of Commerce in Banking and Financial Services
3. Bachelor of Commerce in Finance
4. Bachelor of Commerce in Human Resources Management
5. Bachelor of Commerce in Marketing
6. Bachelor of Commerce in Tourism Management
7. Bachelor of Business Administration (Evening)

UDSM-Mbeya College of Health and Allied Sciences (UDSM-MCHAS)
1. Doctor of Medicine

University of Dar Es Salaam School of Economics (UDSoEC)
1. Bachelor of Arts in Economics
2. Bachelor of Arts in Economics and Statistics

University of Dar es Salaam School of Law (UDSoL)
1. Bachelor of Arts in Law Enforcement
2. Bachelor of Laws

Institute of Development Studies (IDS)
1. Bachelor of Arts in Development Studies

Institute of Kiswahili Studies (IKS)
1. Bachelor of Arts in Kiswahili

Institute of Marine Sciences (IMS)
1. Bachelor of Science in Marine Sciences

Dar es Salaam University College of Education (DUCE)
1. [DUCE] Bachelor of Arts with Education
2. [DUCE] Bachelor of Science with Education
3. [DUCE] Bachelor of Education in Arts

4. [DUCE] Bachelor of Education in Science
5. [DUCE] Bachelor of Arts in Disaster Risk Management

Mkwawa University College of Education (MUCE)
1. [MUCE] Bachelor of Arts with Education
2. [MUCE] Bachelor of Science with Education
3. [MUCE] Bachelor of Education in Arts
4. [MUCE] Bachelor of Education in Science
5. [MUCE] Bachelor of Science in Chemistry

6.1.2.2 Postgraduate programmes

6.1.2.2.1 Postgraduate Diploma Programmes

College of Engineering and Technology (CoET)
1. Postgraduate Diploma in Civil Engineering (PGD Eng.)
2. Postgraduate Diploma in Mechanical Engineering
3. Postgraduate Diploma in Chemical and Process Engineering
4. Postgraduate Diploma in Environmental Engineering
5. Postgraduate Diploma in Electrical Power Engineering
6. Postgraduate Diploma in Engineering Management

College of Information and Communication Technologies (CoICT)
1. PGD in Electronics Engineering and Information Technology

College of Natural and Applied Sciences (CoNAS)
1. Postgraduate Diploma in Meteorology

School of Journalism and Mass Communication (SJMC)
1. Postgraduate Diploma in Mass Communication

University of Dar es Salaam School of Education (SoED)
1. Postgraduate Diploma in Education (PGDE)

Dar es Salaam University College of Education (DUCE)
1. Postgraduate Diploma in Education (PGDE)

Mkwawa University College of Education (MUCE)
1. Postgraduate Diploma in Education (PGDE)

6.1.2.2.2 Master's Degree Programmes

College of Agricultural Sciences and Fisheries Technology (CoAF)
1. Master of Science in Integrated Food Security (Coursework and Dissertation)
2. Master of Science in Food Science and Technology (Thesis)
3. Master of Science in Beekeeping Science and Technology (Thesis)
4. Master of Science in Agricultural Economics and Business (Thesis)
5. Master of Science in Agricultural Engineering (Thesis)
6. Master of Science in Cop Science and Technology (Thesis)

College of Engineering and Technology (CoET)
1. Master of Science in Water Resources Engineering (Coursework and Dissertation)
2. Master of Science in Highway Engineering, MSc (HE) (Coursework and Dissertation)
3. Master of Science in Structural Engineering, (MSc STE) (Coursework and Dissertation)
4. Master of Science in Construction Management, (MSc CM) (Coursework and Dissertation)
5. Master of Integrated Water Resources Management, (MIWRM) (Coursework and Dissertation)
6. Master of Integrated Sanitation Management, (MISM) (Coursework and Dissertation)
7. Master of Science in Production Engineering, (MSc PE) (Coursework and Dissertation)
8. Master of Science in Energy Engineering, (MSc EN) (Coursework and Dissertation)
9. Master of Science in Renewable Energy, (MSc RE) (Coursework and Dissertation)
10. Master of Engineering Management, (MEM) (Coursework and Dissertation)
11. Masters of Science in Engineering (Materials) (Thesis)
12. Master of Science in Power Electronics and Electrical Drives (Coursework and Dissertation)
13. Master of Science in Power Systems and High Voltages Engineering (Coursework and Dissertation)
14. Master of Science in Oil and Gas Technology (MSc. OGT) (Coursework and Dissertation)
15. Master of Science Chemical Engineering (Coursework and Dissertation)
16. Master of Science in Chemical Engineering (Thesis)
17. Master of Science in Electrical Engineering (Thesis)
18. Master of Science in in Civil Engineering (Thesis)
19. Master of Science in Structural Engineering (Thesis)
20. Master of Science in Integrated Environmental Management (MSc. IEM) Offered jointly with the College of Natural and Applied Sciences (CoNAS) (Coursework and Dissertation)
21. Master of Science in Construction Management (Thesis)
22. Master of Science in Water Resources Engineering (Thesis)
23. Master of Science in Transportation Engineering (Thesis)
24. Master of Integrated Water Resources Management (Thesis)

College of Humanities (CoHU)
1. Master of Arts in History (Course work and Dissertation)
2. Master of Arts in History (Thesis)
3. Master of Arts in Archaeology (Course work and Dissertation)
4. Master of Arts in Archaeology (Thesis)
5. Master of Arts in Heritage Management (Course work and Dissertation)
6. Master of Arts in Heritage Management (Thesis)
7. Master of Arts in Fine Arts (Course work and Dissertation)
8. Master of Arts in Fine Arts (Thesis)
9. Master of Arts in Music (Course work and Dissertation)
10. Master of Arts in Music (Thesis)
11. Master of Arts in Theatre (Course work and Dissertation)
12. Master of Arts in Theatre (Thesis)
13. Master of Arts in Linguistics (Course work and Dissertation)
14. Master of Arts in Linguistics (Thesis)
15. Master of Arts in Literature (Course work and Dissertation)
16. Master of Arts in Literature (by thesis)
17. Master of Arts in Ethics of Governance and Public Service (Course work and Dissertation)
18. Master of Arts in Ethics of Governance and Public Service (Thesis)

College of Information and Communication Technologies (CoICT)
1. Master of Science in Computer Science (Coursework and Dissertation)
2. Master of Science in Computer Science (Thesis)
3. Master of Science in Electronics Science and Communication (Thesis)
4. Master of Science in Health Informatics (Coursework and Dissertation)
5. Master of Science in Electronics Engineering and Information Technology (Thesis)
6. Master of Science in Electronics Engineering and Information Technology (Coursework and Dissertation)
7. Master of Science in Telecommunications Engineering (Coursework and Dissertation)
8. Master of Science in Telecommunications Engineering (Thesis)
9. Master of Science in Communication and Networking Engineering (Coursework and Dissertation)
10. Master of Science in Communication and Networking Engineering (Thesis)
11. Master of Science in Information Systems Management (Coursework and Dissertation)
12. Master of Science in Information Systems Management (Thesis)
13. Master of Science in Computer and IT Systems Engineering (Coursework and Dissertation)
14. Master of Science in Data Science (Coursework and Dissertation)

College of Natural and Applied Sciences (CoNAS)
1. Master of Science in Chemistry (Coursework and Dissertation)
2. Master of Science in Biochemistry (Coursework and Dissertation)

3. Master of Science in Applied Botany (Coursework and Dissertation)
4. Master of Physics (Coursework and Dissertation)
5. Master of Science with Education (Coursework and Dissertation)
6. Master of Science in Mathematical Modelling (Coursework and Dissertation)
7. Master of Science in mathematics (Coursework and Dissertation)
8. Master of Science in Biodiversity Conservation (Coursework and Dissertation)
9. Master of Science in Applied Zoology (Coursework and Dissertation)
10. Master of Science in Biotechnology (Thesis)
11. Master of Science in Microbiology (Thesis)
12. Master of Science in Molecular Biology (Thesis)
13. Master of Science in Molecular Biology and Biotechnology (Thesis)
14. Master of Science in Chemistry (Thesis)
15. Master of Science in Physics (Thesis)
16. Master of Science in Wildlife Ecology (Thesis)
17. Master of Science in Applied Microbiology (Thesis)
18. Master of Science in Applied Botany (Thesis)

College of Social Sciences (CoSS)
1. Master of Arts in Geography and Environmental Management (Coursework and Dissertation)
2. Master of Arts in Geography and Environmental Management (Thesis)
3. Master of Arts in Political Science (Coursework and Dissertation)
4. Master of Arts in Political Science (Thesis)
5. Master of Arts in Public Administration (Coursework and Dissertation)
6. Master of Arts in Public Administration (Thesis)
7. Master of Arts in Strategic and Peace Studies (Coursework and Dissertation)
8. Master of Science in Statistics (Coursework and Dissertation)
9. Master of Science in Statistics (Thesis)
10. Master of Arts in Sociology (Coursework and Dissertation)
11. Master of Arts in Sociology (Thesis)
12. Master of Arts in Demography (Coursework and Dissertation)
13. Master of Arts in Demography (Thesis)
14. Master of Arts in Information Studies (Coursework and Dissertation)
15. Master of Arts in Information Studies (Coursework and Dissertation)
16. Master of Arts in Information Studies (Thesis)
17. Master of Arts in Project Planning and Management (Coursework and Dissertation)
18. Master of Research and Public Policy (MRPP) (Coursework and Dissertation)
19. Master of Public Health (MPH) (Coursework and Dissertation)
20. Master of Science in Geographical Information Systems (MSc GIS) (Coursework and Dissertation)
21. Master of Arts in Records and Archives Management (Coursework and Dissertation)
22. Master of Arts in Records and Archives Management (Thesis)

School of Journalism and Mass Communication (SJMC)
1. Master of Arts in Mass Communication (Coursework and Dissertation)
2. Master of Arts in Mass Communication (Thesis)

School of Aquatic Science and Fisheries Technology (SoAF)
1. Master of Science in Fisheries and Aquaculture (Coursework and Dissertation)
2. Master of Science in Aquatic Sciences (Thesis)

University of Dar es Salaam School of Education (SoED)
1. Master of Arts in Education (Coursework and Dissertation)
2. Master of Arts in Education (Thesis)
3. Master of Arts in Applied Social Psychology (MAASP) (Coursework and Dissertation)
4. Master of Education in Science Education (Coursework and Dissertation)
5. Master of Educational Management and Administration (MEMA) (Coursework and Dissertation)
6. Master of Education in Language Education (Coursework and Dissertation)
7. Master of Education in Physical Education and Sport Sciences (Coursework and Dissertation)

School of Mines and Geosciences (SoMG)
1. Master of Science in Petroleum Geology (Coursework and Dissertation)
2. Master of Science in Petroleum Engineering (Coursework and Dissertation)
3. Master of Science in Petroleum Engineering (Thesis)
4. Master of Science in Geology (Thesis)
5. Master of Science in Mining Engineering (Mineral Economics) (Coursework and Dissertation)
6. Master of Science in Mining Engineering (Mineral Economics) (Thesis)

University of Dar es Salaam Business School (UDBS)
1. Master of Business Administration (MBA) (Coursework and Dissertation)
2. Master of International Trade (MIT) (Coursework and Dissertation)
3. Master in Entrepreneurship and Enterprise Development (Coursework and Dissertation)
4. Master of Science in International Transport and Logistics (Coursework and Dissertation)
5. Master of International Business (MIB) (Coursework and Dissertation)
6. Master of Finance and Accounting in Oil and Gas (Coursework and Dissertation)

University of Dar Es Salaam School of Economics (UDSoEC)
1. Master of Arts in Economics (Coursework and Dissertation)
2. Master of Arts in Economics (Thesis)
3. Master of Arts in Applied Economics (Coursework and Dissertation)

University of Dar es Salaam School of Law (UDSoL)
1. Master of Laws (LL.M) (Coursework and Dissertation)
2. Master of Arts in Revenue Law and Administration (Taught)
3. Master of Laws in Corporate and Commercial Law (Taught LL.M.)
4. Master of Laws in Taxation (Taught LL.M.)
5. Master of Migration and Refugee Law (Taught LL.M.)
6. Master of Laws in Procedural Law and International Legal Practice (Taught LL.M.)
7. Master of Laws in Intellectual Property Law (Taught LL.M.)
8. Master of Intellectual Property (Taught)
9. Master of Laws in Oil and Gas (Taught LL.M.)
10. Master of Laws in Regional Integration and EAC Law (Taught LL.M.)

Institute of Development Studies
1. Master of Arts in Development Studies (Coursework and Dissertation)
2. Master of Arts in Development Management (Coursework and Dissertation)
3. Master of Arts in Gender Studies (Coursework and Dissertation)
4. Master of Arts in Development Studies (Thesis)

Institute of Kiswahili Studies (IKS)
1. Master of Arts in Kiswahili (Coursework and Dissertation)
2. Master of Arts in Kiswahili (Thesis)

Institute of Marine Sciences (IMS)
1. Master of Science in Marine Sciences (Coursework and Dissertation)
2. Master of Science in Marine Sciences (Thesis)
3. Master of Science in Sustainable Fisheries Management (Coursework and Dissertation)

Institute of Resource Assessment (IRA)
1. Master of Science in Natural Resource Assessment and Management (Coursework and Dissertation)
2. Master of Science in Natural Resource Assessment and Management (Thesis)

Centre for Climate Change Studies (CCCS)
1. Master of Science in Climate Change and Sustainable Development (Coursework and Dissertation)
2. Master of Science in Climate Change and Sustainable Development (Thesis)

Dar es Salaam University College of Education (DUCE)
1. [DUCE] Master of Arts with Education (Coursework and Dissertation)
2. [DUCE] Master of Science with Education (Coursework and Dissertation)
3. [DUCE] Master of Arts in Public Administration (Coursework and Dissertation)

4. [DUCE] Master of Education in Educational Leadership and Policy Studies (Coursework and Dissertation)
5. [DUCE] Master of Education in Curriculum Studies (Coursework and Dissertation)
6. [DUCE] Master of Science in Environmental Biology (Coursework and Dissertation)
7. [DUCE] Master Of Arts in Development Evaluation (MADE) (Coursework and Dissertation)

Mkwawa University College of Education (MUCE)
1. [MUCE] Master of Science with Education (Biology & Chemistry Stream) (Coursework and Dissertation)
2. [MUCE] Master of Arts with Education (Geography Stream) (Coursework and Dissertation)
3. [MUCE] Master of Science in Applied Zoology (Thesis)
4. [MUCE] Master of Science in Applied Botany (Thesis)
5. [MUCE] Master of Science in Natural Resources and Human Security Studies (Coursework and Dissertation)
6. [MUCE] Master of Science in in Mathematical Modelling (Coursework and Dissertation)

6.1.2.2.3 PhD Programmes

College of Agricultural Sciences and Fisheries Technology (CoAF)
1. Doctor of Philosophy (PhD) in Food Science and Technology (Thesis)
2. Doctor of Philosophy (PhD) in Beekeeping Science and Technology (Thesis)
3. Doctor of Philosophy (PhD) in Agricultural Economics and Business (Thesis)
4. Doctor of Philosophy (PhD) in Agricultural Engineering (Thesis)
5. Doctor of Philosophy (PhD) in Integrated Food Security (Coursework and Dissertation)
6. Doctor of Philosophy (PhD) in Crop Science and Technology (Thesis)

College of Engineering and Technology (CoET)
1. Doctor of Philosophy (PhD) in Chemical Engineering (Thesis)
2. Doctor of Philosophy (PhD) in Electrical Engineering (Thesis)
3. Doctor of Philosophy (PhD) in Highway Engineering (Thesis)
4. Doctor of Philosophy (PhD) in Mechanical Engineering (Thesis)
5. Doctor of Philosophy (PhD) in Energy Engineering (Thesis)
6. Doctor of Philosophy (PhD) in Renewable Energy (Thesis)
7. Doctor of Philosophy (PhD) in Engineering Materials (Thesis)
8. Doctor of Philosophy (PhD) in Engineering Management (Thesis)
9. Doctor of Philosophy (PhD) in Civil Engineering (Thesis)
10. Doctor of Philosophy (PhD) in Structural Engineering (Thesis)
11. Doctor of Philosophy (PhD) in Transportation Engineering (Thesis)
12. Doctor of Philosophy (PhD) in Geotechnical Engineering (Thesis)
13. Doctor of Philosophy (PhD) in Construction Engineering (Thesis)
14. Doctor of Philosophy (PhD) in Water Resources Engineering (Thesis)

15. Doctor of Philosophy (PhD) in Integrated Sanitation Management (Thesis)
16. Doctor of Philosophy (PhD) in Integrated Sanitation Management (Coursework and Dissertation)
17. Doctor of Philosophy (PhD) in Hydrology and Geo- chemical Modelling (Coursework and Dissertation)

College of Humanities (CoHU)
1. Doctor of Philosophy (PhD) in History (Thesis)
2. Doctor of Philosophy (PhD) in Archaeology (Thesis)
3. Doctor of Philosophy (PhD) in Heritage Management (Thesis)
4. Doctor of Philosophy (PhD) in Fine Arts (Thesis)
5. Doctor of Philosophy (PhD) in Music (Thesis)
6. Doctor of Philosophy (PhD) in Theatre (Thesis)
7. Doctor of Philosophy (PhD) in Linguistics (Thesis)
8. Doctor of Philosophy (PhD) in Literature (Thesis)
9. Doctor of Philosophy (PhD) in Religious Studies (Thesis)
10. Doctor of Philosophy (PhD) in Comparative Religions (Thesis)
11. Doctor of Philosophy (PhD) in Philosophy (Thesis)

College of Information and Communication Technologies (CoICT)
1. Doctor of Philosophy (PhD) in Computer Science (Thesis)
2. Doctor of Philosophy (PhD) in Information Systems Management (Thesis)
3. Doctor of Philosophy (PhD) in Health Informatics (Thesis)
4. Doctor of Philosophy (PhD) in Data Science (Thesis)
5. Doctor of Philosophy (PhD) in Electronics Science and Communication (Thesis)
6. Doctor of Philosophy (PhD) in Telecommunications Engineering (Thesis)
7. Doctor of Philosophy (PhD) in Electronics Engineering and Information Technology (Thesis)
8. Doctor of Philosophy (PhD) in Communication and Networking Engineering (Thesis)
9. Doctor of Philosophy (PhD) in Computer and IT Systems Engineering (Coursework and Dissertation)
10. Doctor of Philosophy (PhD) in Computer and IT Systems Engineering (Thesis)

College of Natural and Applied Sciences (CoNAS)
1. Doctor of Philosophy (PhD) in Environmental Sciences (Thesis)
2. Doctor of Philosophy (PhD) in Environmental Sciences (Coursework and Dissertation)
3. Doctor of Philosophy (PhD) in Mathematics (Coursework and Dissertation)
4. Doctor of Philosophy (PhD) in Molecular Biosciences (Coursework and Dissertation)
5. Doctor of Philosophy (PhD) in Biotechnology (Thesis)
6. Doctor of Philosophy (PhD) in Microbiology (Thesis)
7. Doctor of Philosophy (PhD) in Molecular Biology (Thesis)
8. Doctor of Philosophy (PhD) in Molecular Biology and Biotechnology (Thesis)
9. Doctor of Philosophy (PhD) in Mathematics (Thesis)

10. Doctor of Philosophy (PhD) in Botany (Thesis)
11. Doctor of Philosophy (PhD) in Chemistry (Thesis)
12. Doctor of Philosophy (PhD) in Physics (Thesis)
13. Doctor of Philosophy (PhD) in Zoology (Thesis)
14. Doctor of Philosophy (PhD) in Wildlife Ecology (Thesis)

College of Social Sciences (CoSS)
1. Doctor of Philosophy (PhD) in Political Science (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) Political Science (Thesis)
3. Doctor of Philosophy (PhD) in Public Administration (Coursework and Dissertation)
4. Doctor of Philosophy (PhD) in Public Administration (Thesis)
5. Doctor of Philosophy (PhD) in Geography (Coursework and Dissertation)
6. Doctor of Philosophy (PhD) in Geography (Thesis)
7. Doctor of Philosophy (PhD) in Sociology (Thesis)
8. Doctor of Philosophy (PhD) in Demography (Thesis)
9. Doctor of Philosophy (PhD) in Information Studies (Thesis)
10. Doctor of Philosophy (PhD) in Records and Archives Management (Thesis)
11. Doctor of Philosophy (PhD) in Statistics (Thesis)

School Journalism and Mass Communication (SJMC)
1. Doctor of Philosophy in Journalism and Mass Communication (Thesis)

School of Aquatic Science and Fisheries Technology (SoAF)
1. Doctor of Philosophy (PhD) in Aquatic Sciences (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) in Aquatic Sciences (Thesis)

University of Dar es Salaam School of Education (SoED)
1. Doctor of Philosophy (PhD) in Education (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) in Education (Thesis)

School of Mines and Geosciences (SoMG)
1. Doctor of Philosophy (PhD) in Geology (Thesis)
2. Doctor of Philosophy (PhD) in Mining Engineering (Thesis)
3. Doctor of Philosophy (PhD) in Mineral Processing Engineering (Thesis)
4. Doctor of Philosophy (PhD) in Petroleum Engineering (Thesis)

University of Dar es Salaam Business School (UDBS)
1. Doctor of Philosophy (PhD) in Business Administration (Thesis)
2. Doctor of Philosophy (PhD) in Management (Coursework and Dissertation)
3. Doctor of Philosophy (PhD) in Operations Research (Coursework and Dissertation)

University of Dar Es Salaam School of Economics (UDSoEC)
1. Doctor of Philosophy (PhD) in Economics (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) in Economics (Thesis)

University of Dar es Salaam School of Law (UDSoL)
1. Doctor of Philosophy (PhD) in Law (Thesis)

Institute of Development Studies (IDS)
1. Doctor of Philosophy (PhD) in Development Studies (Thesis)

Institute of Kiswahili Studies (IKS)
1. Doctor of Philosophy (PhD) in Kiswahili (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) in Kiswahili (Thesis)

Institute of Marine Sciences (IMS)
1. Doctor of Philosophy (PhD) in Marine Sciences (Thesis)
2. Doctor of Philosophy (PhD) in Applied Marine Sciences (Coursework and Dissertation)

Institute of Resource Assessment (IRA)
1. Doctor of Philosophy (PhD) in Natural Resource Assessment and Management (Coursework and Dissertation)
2. Doctor of Philosophy (PhD) in Natural Resource Assessment and Management (Thesis)

Centre for Climate Change Studies (CCCS)
1. Doctor of Philosophy (PhD) in Climate Change and Sustainable Development (Thesis)

6.1.3 Students' Profiles

Table A2: UDSM First Year Registered Students

Year	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
2015/16	311	113	424	53	6	59	5,958	2,521	8,479	60	100	160	1,190	807	1,997	223	106	329	7,795	3,653	**11,448**
2016/17	220	83	303	43	2	45	5,906	3,317	9,223	76	85	161	1,247	836	2,083	283	170	453	7,775	4,493	**12,268**
2017/18	54	61	115	31	61	92	4,682	6,780	11,462	158	162	320	1,185	818	2,003	224	199	423	6,334	8,081	**14,415**
2018/19	73	108	181	108	47	155	4,534	5,942	10,476	107	33	140	1,264	853	2,117	212	110	322	6,298	7,093	**13,391**
2019/20	137	19	156	192	72	264	6,037	5,912	11,949	127	64	191	1,386	972	2,358	232	94	326	8,111	7,133	**15,244**
2020/21	57	38	95	199	75	274	6,150	6,182	12,332	54	33	87	746	553	1,299	118	43	145	7,324	6,924	**14,232**

Table A3: UDSM Students' Enrolment by Category and Gender

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
UG	15,597	7,366	22,963	16,066	8,247	24,313	17,819	10,342	28,161	18,557	12,363	30,920	19,099	15,114	34,213	17,992	16,414	34,406
PGD	125	173	298	77	85	162	23	46	69	37	85	122	39	90	129	57	35	92
Masters	2,126	1,488	3,614	2,377	1,264	3,641	1,443	2,342	3,785	1,404	1,989	3,393	1,389	1,939	3,328	2,081	1,514	3,595
PhD	354	174	528	709	300	1,009	309	681	990	323	742	1,065	309	670	979	656	285	941
Total	**18,202**	**9,201**	**27,403**	**19,229**	**9,896**	**29,125**	**19,594**	**13,411**	**33,005**	**20,321**	**15,179**	**35,500**	**20,836**	**17,813**	**38,649**	**20,786**	**18,248**	**39,034**
%F	34%			34%			41%			43%			46%			47%		
Growth	12%			6%			13%			8%			9%			1%		

Table A4: UDSM Students' Enrolment by Host Unit, Category and Gender

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	264	107	371	383	150	533	568	270	838	623	291	914	748	382	1,130	680	332	1,012
CoET	1,617	347	1,964	1,737	358	2,095	1,758	433	2,191	1,842	490	2,332	1,773	547	2,320	1,557	534	2,091

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
CoHU	1,983	1,036	3,019	1,839	1,028	2,867	3,047	1,739	4,786	2,462	1,922	4,384	2,858	2,766	5,624	2,678	3,121	5,799
CoICT	683	193	876	602	169	771	616	182	798	708	204	912	919	257	1,176	762	232	994
CoNAS	1,417	470	1,887	1,388	491	1,879	1,398	572	1,970	1,408	644	2,052	1,323	691	2,014	1,189	680	1,869
CoSS	1,749	1,274	3,023	1,852	1,554	3,406	1,435	1,547	2,982	2,149	2,143	4,292	2,236	2,569	4,805	1,190	1,833	3,023
IDS	12	14	26	40	79	119	126	175	301	172	236	408	202	263	465	220	325	545
IKS				47	47	94	89	109	198	102	129	231	127	160	287	106	167	273
IMS													23	10	33	41	13	54
SJMC	138	226	364	140	223	363	148	232	380	209	267	476	214	295	509	227	324	551
SoAF																77	46	123
SoED	367	283	650	349	299	648	504	366	870	475	383	858	588	509	1,097	374	382	756
SoMG																228	73	301
UDBS	822	717	1,539	768	725	1,493	832	846	1,678	820	917	1,737	894	1,146	2,040	1,405	1,813	3,218
UDSoEc																488	537	1,025
UDSoL	383	407	790	385	388	773	388	445	833	388	431	819	350	427	777	386	637	1,023
UDSM-MCHAS	136	24	160	222	46	268	216	44	260	708	242	950	651	217	868	346	159	505
UDSM-MRI																249	93	342
MJKNMC-Total	**9,571**	**5,098**	**14,669**	**9,752**	**5,557**	**15,309**	**11,125**	**6,960**	**18,085**	**12,066**	**8,299**	**20,365**	**12,906**	**10,239**	**23,145**	**12,203**	**11,301**	**23,504**
% Female		35%			36%			38%			41%			44%			48%	
DUCE-Total	3,212	1,383	4,595	3,408	1,649	5,057	3,437	1,844	5,281	3,072	2,082	5,154	2,907	2,286	5,193	2,801	2,594	5,395
% Female		30%			33%			35%			40%			44%			48%	
MUCE-Total	2,814	885	3,699	2,906	1,041	3,947	3,205	1,470	4,675	3,419	1,982	5,401	3,286	2,589	5,875	2,988	2,519	5,507
% Female		24%			26%			31%			37%			44%			46%	
Total-UG	**15,597**	**7,366**	**22,963**	**16,066**	**8,247**	**24,313**	**17,767**	**10,274**	**28,041**	**18,557**	**12,363**	**30,920**	**19,099**	**15,114**	**34,213**	**17,992**	**16,414**	**34,406**
PG Diploma	125	173	298	77	85	162	23	46	69	37	85	122	39	90	129	57	35	92
% Female		58%			52%			67%			70%			70%			38%	
Masters	2,126	1,488	3,614	2,377	1,264	3,641	1,443	2,342	3,785	1,404	1,989	3,393	1,389	1,939	3,328	2,081	1,514	3,595
% Female		41%			35%			62%			59%			58%			42%	

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Doctorates	354	174	528	709	300	1,009	309	681	990	323	742	1,065	309	670	979	656	285	941
% Female	33%			30%			69%			70%			68%			30%		
Total-PG	**2,605**	**1,835**	**4,440**	**3,163**	**1,649**	**4,812**	**1,775**	**3,069**	**4,844**	**1,764**	**2,816**	**4,580**	**1,737**	**2,699**	**4,436**	**2,794**	**1,834**	**4,628**
Total	**18,202**	**9,201**	**27,403**	**19,229**	**9,896**	**29,125**	**19,542**	**13,343**	**32,885**	**20,321**	**15,179**	**35,500**	**20,836**	**17,813**	**38,649**	**20,786**	**18,248**	**39,034**
% Female	34%			34%			41%			43%			46%			47%		

Table A5: Summary of Students' Graduation

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Certificates	121	61	182	79	28	107	40	22	62	106	69	175	153	25	178	76	37	113
Diploma	19	42	61	33	6	39	30	3	33	54	15	69	68	35	103	84	35	119
Undergraduate Degree	4,043	2,073	6,116	4,226	2,363	6,589	4,905	2,408	7,313	4,455	2,791	7,246	6,001	4,254	10,255	5,111	3,973	9,084
Postgraduate Diploma	31	32	63	69	91	160	16	7	23	41	14	55	78	32	110	37	17	54
Masters	552	332	884	568	369	937	354	186	540	376	258	634	468	328	796	349	296	645
PhD	20	53	73	57	23	80	61	21	82	66	33	99	63	31	94	14	69	83
Total	4,786	2,593	7,379	5,032	2,880	7,912	5,406	2,647	8,053	5,098	3,180	8,278	6,831	4,705	11,536	5,671	4,427	10,098

Table A6: Certificate Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Certificate in Computer Science	11	2	13	10	3	13	11	0	11	16	5	21	22	4	26	10	2	12
Certificate in Culture Heritage Management and Tour Guidance	28	32	60	3	4	7	0	1	1	1	2	3	1	0	1	0	0	0
Certificate in Journalism	0	1	1	0	1	1	4	5	9	4	8	12	8	3	11	8	11	19
Certificate in Law	82	25	107	66	20	86	25	16	41	80	40	120	114	8	122	46	15	61
Certificate in Sign Language Interpretation										5	14	19	8	10	18	12	9	21
Total	121	60	181	79	28	107	40	22	62	106	69	175	153	25	178	76	37	113

Table A7: Diploma Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Diploma in Computer Science	21	2	23	28	1	29	28	2	30	46	7	53	41	11	52	55	15	70

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Diploma in Culture Heritage Management and Tour Guidance	21	17	38	5	5	10	2	1	3	2	2	4	1	2	3	1	0	1
Diploma in Journalism										6	6	12	22	16	38	22	14	36
Diploma in Chinese													4	6	10	6	6	12
Total	42	19	61	33	6	39	30	3	33	54	15	69	68	35	103	84	35	119

Bachelor's Degree Graduates

Table A8: Commerce Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.Com. in Accounting	134	82	216	109	102	211	105	89	194	93	80	173	119	131	250	101	129	230
B.Com. in Banking and Financial Services	29	35	64	36	43	79	22	41	63	28	34	62	20	51	71	33	40	73
B.Com. in Finance	42	34	76	50	32	82	36	34	70	30	30	60	48	47	95	37	54	91
B.Com. in Human Resources Management	13	24	37	14	28	42	12	8	20	8	16	24	26	24	50	21	21	42
B.Com. in Marketing	26	34	60	28	29	57	24	26	50	20	27	47	33	50	83	18	30	48
B. Commerce							1	0	1									
B.Com. in Tourism and Hospitality Management	6	5	11	11	8	19	11	7	18	11	7	18	13	19	32	18	12	30
Bachelor of Business Administration	18	5	23	17	8	25	12	8	20	12	18	30	22	21	43	32	27	59
Total	268	219	487	265	250	515	223	213	436	202	212	414	281	343	624	260	313	573

Table A9: Law Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Bachelor of Laws	73	80	153	78	66	144	48	97	145	61	84	145	66	49	115	44	79	123
B.A Law Enforcement	37	7	44	26	28	54	30	15	45	16	6	22	32	11	43	24	12	36
Total	**110**	**87**	**197**	**104**	**94**	**198**	**78**	**112**	**190**	**77**	**90**	**167**	**98**	**60**	**158**	**68**	**91**	**159**

Table A10: Education Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.A. with Education	750	414	1,164	711	412	1,123	775	302	1,077	620	380	1,000	719	495	1,214	526	559	1,085
B.Sc. with Education	198	61	259	193	40	233	213	37	250	193	50	243	169	62	231	160	73	233
B.Ed. in Physical Education and Sports Sciences	10	5	15	19	3	22	22	7	29	16	7	23	77	22	99	17	9	26
B.Ed. in Adult and Community Education	45	29	74	31	37	68	37	37	74	28	34	62	60	34	94	20	31	51
B.Ed. in Commerce	14	17	31	12	14	26	18	13	31	18	9	27	21	18	39	14	8	22
B.Ed. in Early Childhood Education	12	11	23	7	15	22	13	16	29	8	12	20	17	28	45	26	28	54
B.Ed. in Educational Psychology	43	21	64	22	25	47	40	26	66	28	29	57	61	63	124	26	34	60
B.A. with Education - DUCE	582	284	866	644	371	1,015	732	363	1,095	623	444	1,067	611	457	1,068	524	476	1,000
B.Sc. with Education - DUCE	156	37	193	192	42	234	401	71	472	299	89	388	239	106	345	229	110	339
B.Ed. in Arts - DUCE	25	27	52	16	35	51	45	42	87	42	38	80	47	67	114	27	56	83

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.Ed. in Science - DUCE	46	27	73	51	21	72	57	26	83	54	29	83	72	48	120	71	30	101
B.A. with Education – MUCE	562	194	756	514	208	722	504	152	656	471	255	726	417	338	755	317	301	618
B.Sc. with Education - MUCE	98	38	136	217	45	262	402	109	511	284	71	355	253	83	336	274	94	368
B.Ed. in Arts – MUCE	25	12	37	24	12	36	51	24	75	36	39	75	253	174	427	172	136	308
B.Ed. in Science - MUCE	26	3	29	58	23	81	78	21	99	69	50	119	264	156	420	267	161	428
Total	2,592	1,180	3,772	2,711	1,303	4,014	3,388	1,246	4,634	2,789	1,536	4,325	3,280	2,151	5,431	2,670	2,106	4,776

Table A11: Arts and Humanities Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.A. in Archaeology	5	2	7	5	7	12	4	1	5	12	7	19	39	34	73	19	17	36
B.A. in Archaeology and Geography													41	20	61	22	11	33
B.A. in Culture and Heritage	5	7	12	1	0	1												
B.A. in Heritage Management				12	24	36	7	4	11	14	32	46	35	28	63	30	21	51
B.A. in Economics and Statistics	77	16	93	54	45	99	55	52	107	53	38	91	75	57	132	35	41	76
B.A. in Economics	82	70	152	72	80	152	80	78	158	60	51	111	96	103	199	57	96	153
B.A. in Fine and Performing Arts	3	1	4	9	7	16	1	1	2									
B.A. in Geography and Environmental Studies	66	31	97	41	37	78	50	49	99	51	43	94	117	74	191	40	62	102
B.A. in History	4	0	4				5	3	8	9	7	16	50	31	81	25	12	37

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.A. in Archaeology and History													20	15	35	22	13	35
B.A. in History and Political Science	1	1	2										41	16	57	54	35	89
B.A. in Kiswahili	8	10	18	17	16	33	12	10	22	16	20	36	48	60	108	29	38	67
B.A. Journalism	6	7	13	12	13	25	6	13	19	18	16	34	19	14	33	21	17	38
B.A. in Language Studies	2	4	6	7	3	10	6	5	11	16	10	26	44	49	93	25	14	39
B.A. in Library and Information Studies				15	18	33	12	8	20	13	21	34	21	39	60	36	39	75
B.A. in Literature							0	2	2	6	8	14	21	32	53	12	19	31
B.A. in Literature and Language																		
B.A. in Mass Communication	21	20	41	15	24	39	13	22	35	21	10	31	21	30	51	22	22	44
B.A. in Political Science and Public Administration	77	104	181	75	73	148	75	86	161	69	82	151	96	116	212	68	100	168
B.A. in Public Relations and Advertising	18	40	58	12	41	53	15	35	50	7	39	46	11	37	48	12	36	48
B.A. in Sociology	38	67	105	55	79	134	35	82	117	44	76	120	50	95	145	42	83	125
B.A. in Sociology and Philosophy	1	0	1															
B.A. in Statistics	9	5	14	43	29	72	22	17	39	25	25	50	68	49	117	46	28	74
B.A. Social Work							6	16	22	14	35	49	40	98	138	41	75	116
B.A. in Art and Design							2	6	8	7	7	14	53	39	92	7	13	20
B.A. in Film and Television Studies							7	1	8	14	1	15	69	14	83	14	6	20
B.A. in Music							1	1	2	8	2	10	13	4	17	10	4	14
B.A. Arts in Philosophy and Ethics							1	0	1	13	12	25	34	17	51	37	20	57
B.A. in Theater Arts										5	5	10	4	9	13	22	13	35
B.A. in Anthropology										2	5	7	9	11	20	18	15	33
B.A. in Psychology							9	3	12	30	38	68	43	38	81	32	36	68
B.A. Development Studies							10	12	22	26	65	91	77	91	168	60	76	136
Total	423	385	808	445	496	941	434	507	941	553	655	1,208	1,255	1,220	2,475	858	962	1,820

Table A12: Engineering and Information Communication Technology (ICT) Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B. Architecture										12	9	21	9	6	15	13	5	18
B.Sc. in Building Economics	1	0	1															
B.Sc. in Chemical and Process Engineering	37	11	48	31	19	50	25	14	39	31	7	38	27	9	36	27	18	45
B.Sc. in Chemical and Processing Engineering																8	1	9
B.Sc. in Civil and Transport Engineering	3	0	3	2	0	2	2	0	2	1	0	1						
B.Sc. in Civil and Water Resource Engineering	0	0	0	2	0	2												
B.Sc. in Civil Engineering	105	37	142	147	23	170	109	23	132	131	31	162	107	33	140	131	43	174
B.Sc. in Civil Structural Engineering	3	1	4															
B.Sc. in Computer Engineering and Information Technology	29	8	37	34	13	47	31	5	36	23	14	37	29	7	36	33	6	39
B.Sc. in Computer Science	29	9	38	42	17	59	43	17	60	19	6	25	60	20	80	45	16	61
B.Sc. in Electrical Engineering	30	5	35	38	7	45	5	43	48	44	9	53	38	6	44	41	8	49
B.Sc. in Electrical Power Engineering	2	0	2															
B.Sc. in Electro-Mechanical Engineering	1	0	1															
B.Sc. in Electronic Science and Communication	17	6	23	15	2	17	15	7	22	16	3	19	13	11	24	22	5	27
B.Sc. in Engineering Geology	8	2	10	7	2	9	7	2	9	7	2	9	4	3	7	4	2	6
B.Sc. in Food and Biochemical Engineering	3	0	3	1	0	1												0
B.Sc. in Geomatics	3	0	3	1	0	1				20	3	23	12	2	14	10	1	11
B.Sc. in Industrial Engineering	20	3	23	22	6	28	25	6	31	28	2	30	31	1	32	28	13	41

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.Sc. in Industrial Engineering and Management	6	1	7	1	0	1												
B.Sc. in Land Management and Valuation	2	0	2	1	2	3												
B.Sc. in Mechanical Engineering	46	3	49	46	4	50	43	4	47	43	5	48	38	2	40	55	4	59
B.Sc. in Metallurgy and Mineral Processing Engineering	10	2	12	13	3	16	11	6	17	5	5	10	14	1	15	15	5	20
B.Sc. in Meteorology	13	2	15	18	9	27	19	6	25	17	1	18	17	8	25	8	5	13
B.Sc. in Mineral Process Engineering	4	0	4	1	0	1												
B.Sc. in Mining Engineering	31	6	37	21	5	26	24	6	30	23	4	27	22	12	34	24	4	28
B.Sc. in Petroleum Chemistry	15	4	19	8	10	18	13	7	20	5	6	11	8	14	22	16	2	18
B.Sc. in Petroleum Engineering				16	5	21	15	2	17	19	3	22	12	2	14	8	9	17
B.Sc. in Quantity Surveying													16	11	27	32	17	49
B.Sc. in Telecommunication Engineering	37	9	46	45	8	53	33	12	45	37	11	48	20	11	31	38	13	51
B.Sc. in Textile Design and Technology	25	7	32	9	2	11	4	1	5	5	4	9	8	6	14	13	7	20
B.Sc. in Textile Engineering	9	1	10	6	1	7	10	4	14	17	1	18	9	1	10	14	7	21
B.Sc. in Urban and Regional Planning	1	0	1															
B.Sc. with Computer Science	3	4	7	24	8	32	24	7	31	6	5	11	27	5	32	28	14	42
Total	**493**	**121**	**614**	**551**	**146**	**697**	**458**	**172**	**630**	**509**	**131**	**640**	**521**	**171**	**692**	**613**	**205**	**818**

Table A13: Natural and Applied Sciences Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.Sc. General	14	5	19	5	6	11	22	15	37	32	18	50	29	21	50	31	10	41
B.Sc.in Actuarial	18	8	26	9	16	25	19	10	29	12	10	22	16	14	30	23	21	44

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Sciences																		
B.Sc.in Applied Zoology	7	3	10	9	4	13	8	4	12	7	7	14	9	5	14	9	4	13
B.Sc.in Aquatic Environment Science and Conservation	16	12	28	1	0	1										1		1
B.Sc. in Botanical Science	3	3	6	6	4	10	17	12	29	11	12	23	24	14	38	15	12	27
B.Sc.in Chemistry	10	6	16	8	5	13	11	3	14	5	5	10	9	4	13	8	8	16
B.Sc.in Fisheries and Aquaculture	11	6	17	19	8	27												
B.Sc. in Geology	16	1	17	18	1	19	11	3	14	10	6	16	11	3	14	9	1	10
B.Sc.in Microbiology Science	5	8	13	11	2	13	53	23	76	15	9	24	24	16	40	21	19	40
B.Sc. In Petroleum Geology				11	3	14	12	2	14	13	1	14	9	2	11	11	2	13
B.Sc. in Wildlife Science and Conservation	24	10	34	19	10	29	14	10	24	21	13	34	17	15	32	23	8	31
B.Sc. with Geology	18	8	26	19	6	25	22	6	28	15	7	22	16	10	26	17	8	25
B.Sc. in Molecular Biology and Biotechnology	14	12	26	15	9	24	15	15	30	12	11	23	14	20	34	16	25	41
B.Sc. in Agricultural and Natural Resources Economics and Business							64	29	93	51	26	77	109	65	174	60	29	89
B.Sc. in Agricultural Engineering and Mechanization										16	2	18	21	3	24	2		2
B.Sc. in Aquatic Sciences and Fisheries							27	11	38	27	9	36	32	14	46	26	12	38
B.Sc. in Beekeeping Science and Technology							24	12	36	22	11	33	32	15	47	26	8	34
B.Sc. in Food Science and Technology										23	10	33	16	18	34	34	29	63
Doctor of Medicine													178	70	248	310	100	410

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Total	156	82	238	150	74	224	319	155	474	292	157	449	566	309	875	642	296	938

Table A14: Postgraduate Diploma Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
PGD in Education	15	26	41	52	87	139	9	7	16	10	9	19	30	25	55	5	8	13
PGD in Civil Engineering	2	0	2	0	2	2	3	0	3				2	2	4	1		1
PGD in Electrical Power Engineering				0	1	1										2		2
PGD Electronics Engineering and Information Technology				1	0	1	1	0	1	4	0	4				8	1	9
PGD in Engineering Management	1	0	1	8	1	9	3	0	3	0	0	0	12	0	12	2		2
PGD in Entrepreneurship and Enterprise Development	5	2	7	0	0	0				1	2	3				0	1	1
PGD in Law	1	0	1										1	0	1			0
PGD in Mass Communication	1	1	2	4	0	4				3	0	3	15	4	19	6	3	9
PGD in Mechanical Engineering	5	0	5	1	0	1							2	0	2			
PGD in Microfinance	0	4	4	1	0	1												
PGD in Scientific Computing	0	0	0	2	0	2										1	0	1
PGD in Meteorology										23	3	26	20	1	21	12	4	16
Total	30	33	63	69	91	160	16	7	23	41	14	55	82	32	114	37	17	54

Master's and PhD Graduates

Table A15: Commerce Graduates

Programme	2015/16	2016/2017	2017/18	2018/19	2019/20	2020/21

	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Master of Business Administration	99	75	174	90	67	157	34	17	51	38	39	77	41	39	80	44	35	79
Master of Entrepreneurship and Enterprise Development	0	2	2	6	6	12	4	0	4	3	0	3	1	1	2	3	1	4
Master of Finance and Accounting in Oil and Gas				9	3	12	12	2	14	4	5	9	18	9	27	2	0	2
Master of International Business	9	6	15	14	9	23	5	5	10	6	9	15	6	8	14	3	10	13
Master of International Trade	1	0	1				1	1	2	1	2	3	3	3	6	2	2	4
M.Sc. in International Transport and Logistics	8	3	11	11	4	15	2	2	4	7	0	7	3	0	3	4	0	4
Total	**117**	**86**	**203**	**130**	**89**	**219**	**58**	**27**	**85**	**59**	**55**	**114**	**72**	**60**	**132**	**58**	**48**	**106**

Table A16: Law Graduates

Programme	2015/16			2016/2017			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Master of Arts in Revenue Law and Administration	26	11	37	34	10	44	10	9	19	13	6	19	19	8	27	14	12	26
Master of Intellectual Property																5	0	5
Master of Laws	7	7	14	11	2	13	9	7	16	8	6	14	4	2	6	7	5	12
Master of Laws in Corporate and Commercial Law	30	33	63	23	29	52	21	18	39	14	16	30	10	12	22	13	11	24
Master of Laws in Intellectual Property Law							0	1	1	2	1	3	2	0	2	4	1	5
Master of Laws in Migration and Refugee Law	3	2	5	5	2	7	1	3	4	3	1	4	2	4	6	3	3	6
Master of Laws in Oil and Gas													2	0	2	5	5	10
Master of Laws in Procedural Law and International Legal Practices	10	11	21	6	9	15	7	2	9	6	0	6	7	10	17	3	4	7
Master of Laws in Taxation	18	10	28	9	9	18	4	3	7	6	6	12	8	7	15	11	9	20
Total	**94**	**74**	**168**	**88**	**61**	**149**	**52**	**43**	**95**	**52**	**36**	**88**	**54**	**43**	**97**	**65**	**50**	**115**

Table A17: Education Graduates

Programme	2015/16	2016/2017	2017/18	2018/19	2019/20	2020/21

	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.A. in Education	28	26	54	42	39	81	21	23	44	21	14	35	16	12	28	6	15	21
M.Sc. with Education	7	1	8	1	1	2	6	3	9	4	2	6	7	2	9	3	4	7
Master of Education in Science Education	2	1	3	14	7	21	6	2	8	2	4	6	7	5	12	1	2	3
Master of Education Management and Administration	4	5	9	41	20	61	18	17	35	23	13	36	24	24	48	19	13	32
M.A. with Education										1	0	1	1	1	2			
Master of Education in Language Education										2	0	2	1	0	1	1	2	3
Total	**41**	**33**	**74**	**61**	**33**	**94**	**51**	**45**	**96**	**53**	**33**	**86**	**56**	**44**	**100**	**30**	**36**	**66**

Table A18: Arts and Humanities Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.A. in Applied Economics				5	7	12	2	0	2	8	2	10	13	11	24	4	3	7
M.A. in Applied Social Psychology	4	1	5	7	7	14	2	3	5	4	5	9	16	9	25	7	7	14
M.A. in Archaeology	1	2	3	3	2	5	0	0	0	1	1	2	1	0	1	3		3
M.A. in Demography	7	4	11	0	0	0	0	1	1	1	2	3				1	3	4
M.A. in Development Management	1	1	2	4	3	7	2	3	5	2	1	3	1	1	2	0	2	2
M.A. in Development Studies	8	7	15	7	2	9	1	1	2	2	2	4	1	2	3	4	2	6
M.A. in Economics	16	8	24	14	14	28	9	2	11	2	1	3	10	8	18	13	6	19
M.A. in Ethics of Governance and Public Service	2	0	2	4	0	4	1	0	1	1	0	1	7	2	9	2	2	4
M.A. in Fine Arts	0	0	0	1	0	1	1	0	1	2	0	2	0	1	1	3	1	4
M.A. in Gender Studies	0	4	4	0	0	0	0	0	0	0	2	2	1	3	4			0
M.A. in Geography and Environmental Management	0	1	1	3	2	5	6	2	8	9	2	11	7	5	12	5	2	7
M.A. in Geography and Environmental Studies	5	4	9															
M.A. in Heritage Management	2	0	2	1	0	1	3	0	3	0	0	0	2	4	6	0	1	1
M.A. in History	2	0	2	14	4	18	6	1	7	4	0	4	3	1	4			
M.A. in Information Studies	15	3	18	4	9	13	9	9	18	6	13	19	3	1	4	7	5	12
M.A. in Kiswahili	24	27	51	5	17	22	14	2	16	9	13	22	11	18	29	10	13	23

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.A. in Linguistics	11	6	17	7	3	10	3	5	8	7	4	11	7	1	8	4	3	7
M.A. in Literature	2	1	3	1	1	2	4	1	5	0	0	0	2	1	3	4	3	7
M.A. in Mass Communication	5	5	10	4	6	10	2	0	2	7	7	14	6	2	8	4	5	9
M.A. in Music				1	0	1	1	0	1	2	0	2	1	0	1	1	0	1
M.A. in Political Science	1	0	1	1	0	1	0	0	0	0	1	1	2	0	2	2	1	3
M.A. in Political Science and Public Administration	2	3	5	2	0	2												
M.A. in Public Administration	1	1	2	2	3	5	1	1	2	0	0	0	4	2	6	2		2
M.A. in Records and Archives Management										1	1	2	5	3	8	1	5	6
M.A. in Sociology	6	2	8	4	5	9	4	0	4	0	4	4	2	2	4	2	2	4
M.A. in Statistics	10	3	13	4	1	5	5	0	5	7	3	10	4	3	7	0	5	5
M.A. in Strategic and Peace Studies	2	1	3	7	1	8	4	0	4	4	2	6	3	3	6	2	0	2
M.A. in Theatre Arts							0	0	0	1	0	1	0	1	1			
M.A. In Project Planning and Management	1	2	3	18	7	25	9	7	16	5	13	18	16	10	26	13	22	35
Master of Research and Public Policy	2	5	7	9	7	16	4	1	5	1	1	2	3	1	4	3	2	5
M.A. in Geographical Information Systems																1	0	1
Total	**130**	**91**	**221**	**132**	**101**	**233**	**93**	**39**	**132**	**86**	**80**	**166**	**131**	**95**	**226**	**98**	**95**	**193**

Table A19: Engineering Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Master of Engineering Management	26	6	32	19	2	21	11	6	17	17	2	19	13	2	15	20	3	23
M.Sc. in Chemical Engineering	0	0	0	1	0	1	0	0	0	3	0	3						
M.Sc. in Computer and IT Systems Engineering										0	0	1	3	0	3	1	0	1
M.Sc. in Construction Management	1	0	1	5	0	5	3	2	5	3	0	3	6	3	9	14	3	17
M.Sc. in Electronic Engineering and Information Technology	5	0	5	2	1	3	2	0	2	2	0	2	5	2	7	2	0	2
M.Sc. in Energy Engineering	1	0	1	0	0	0	1	0	1	2	0	2						

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.Sc. in Highway Engineering	4	3	7	0	0	0	2	0	2	0	0	0	6	2	8	3	2	5
M.Sc. in Petroleum Engineering																1		1
M.Sc. in Power Systems and High Voltage Engineering	2	0	2	2	2	4	2	0	2	2	1	3	5	0	5	1	3	4
M.Sc. in Production Engineering	0	0	0	1	0	1	2	0	2	0	0	0	2	0	2	1	0	1
M.Sc. in Renewable Energy	3	2	5	0	1	1	2	1	3	1	0	1	1	1	2	1	0	1
M.Sc. in Structural Engineering	1	0	1	7	1	8	2	0	2	3	1	4	5	0	5	2	2	4
M.Sc. in Telecommunication Engineering	3	0	3	0	0	0	1	0	1	4	1	5	3	1	4	1	0	1
M.Sc. in Water Resources Engineering	4	2	6	2	2	4	4	0	4	3	0	3	2	0	2			
Master of Integrated Environment Management	6	0	6	2	1	3	5	0	5	2	1	3	3	2	5	2	0	2
Master of Integrated Sanitation Management	1	0	1	0	0	0	2	1	3	2	1	3						
Master of Integrated Water Resource Management	6	10	16	6	4	10	6	6	12	6	3	9	1	1	2	4	4	8
Total	**63**	**23**	**86**	**46**	**14**	**60**	**45**	**16**	**61**	**50**	**11**	**61**	**55**	**14**	**69**	**53**	**17**	**70**

Table A20: Science Graduates

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.Sc. in Applied Botany				1	0	1				1	0	1				0	1	1
M.Sc. in Applied Zoology	2	2	4	0	0	0	1	0	1	3	0	3						
M.Sc. in Aquatic Sciences	1	0	1															
M.Sc. in Biochemistry													5	4	9	3	3	6
M.Sc. in Biodiversity Conservation	5	2	7	1	1	2	1	0	1	1	0	1	0	1	1	1	0	1
M.Sc. in Biotechnology													1	1	2	0	1	1
M.Sc. in Botany	0	0	0	1	0	1												
M.Sc. in Chemistry	6	1	7	6	4	10	6	3	9	6	1	7	9	1	10	2	4	6
M.Sc. in Climate Change and Sustainable Development	23	10	33	14	6	20	8	2	10	17	6	23	8	6	14	2	3	5
M.Sc. in Computer Science	3	0	3	8	0	8	3	0	3	3	0	3	4	2	6	3	2	5
M.Sc. in Electronics Science and Communication													1	0	1			

Programme	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
M.Sc. in Fisheries and Aquaculture				3	0	3							3	1	4	1	0	1
M.Sc. in Food Science and Technology									0	1	1	2	1	0	1			
M.Sc. in Geographical Information Systems							6	0	6	7	2	9	6	3	9	5	0	5
M.Sc. in Geography and Environmental Management									0		1	1						
M.Sc. in Geology	1	1	2	0	0	0				1	0	1	1	0	1	1		1
M.Sc. in Health Informatics	1	1	2	0	3	3	1	1	2	2	2	4	4	2	6	2	1	3
M.Sc. in Information System Management													3	2	5	0	3	3
M.Sc. in Marine Sciences	3	0	3	1	0	1	2	2	4	1	2	3	0	1	1	1	2	3
M.Sc. in Mathematical Modeling	12	1	13	12	1	13	10	1	11	4	1	5	5	2	7	2	0	2
M.Sc. in Mathematics	1	1	2	1	1	2	3	1	4	1	1	2	2	1	3			
M.Sc. in Microbiology													1	0	1			
M.Sc. in Molecular Biology	1	0	1							1	2	3	1	0	1			
M.Sc. in Natural Resources Assessment and Management	20	12	32	13	11	24	5	0	5	8	8	16	5	2	7	6	1	7
M.Sc. in Oil and Gas Technology													2	0	2	3	3	6
M.Sc. in Petroleum Geology				6	6	12	1	1	2	2	2	4	0	1	1			
M.Sc. in Physics	8	0	8	5	1	6	2	1	3	10	1	11	6	1	7	2	0	2
M.Sc. In Wildlife and Terrestrial Ecology	1	0	1	1	0	1										1	0	1
Master of Public Health	5	8	13	0	3	3	6	4	10	7	13	20	10	15	25	10	26	36
Total	**93**	**39**	**132**	**72**	**37**	**109**	**55**	**16**	**71**	**76**	**43**	**119**	**78**	**46**	**124**	**45**	**50**	**95**

Table A21: Doctor of Philosophy (PhD) Graduates

Year	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Doctor of Philosophy (PhD)	20	53	73	57	23	80	61	21	82	66	33	99	63	31	94	56	27	83

6.2 Appendix B: Tables for Teaching and Learning

6.2.1 Academic Staff

Table B1: Overall UDSM Academic Staff by Rank

Year	Professors	A/Professors	S/Lecturers	Lecturers	A/Lecturers	T/Assistants	Total
2015/16	50	92	179	300	665	304	**1,590**
2016/17	51	92	189	359	632	215	**1,538**
2017/18	50	96	184	380	606	219	**1,535**
2018/19	45	82	194	429	664	204	**1,618**
2019/20	37	76	177	486	776	233	**1,785**
2020/21	29	90	211	603	832	176	**1,941**

Table B2: UDSM Academic Staff by Rank and Gender

Year	Professors			A/Professors			S/Lecturers			Lecturers			A/Lectures			T/Assistants			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
2014/15	47	6	53	99	10	109	156	36	192	230	85	315	462	187	649	137	67	204	1,131	391	**1,522**
%Female	11			9			19			27			29			33			26%		
2015/16	41	9	50	80	12	92	143	36	179	213	87	300	471	194	665	219	85	304	1,167	423	**1,590**
%Female	18			13			20			29			29			28			27%		
2016/17	43	8	51	81	11	92	155	34	189	259	100	359	452	180	632	146	69	215	1,136	402	**1,538**
%Female	16			12			18			28			29			32			26%		
2017/18	38	12	50	69	27	96	139	45	184	283	97	380	439	167	606	162	57	219	1,130	405	**1,535**
%Female	24			28			24			26			28			26			26%		
2018/19	38	7	45	60	22	82	161	33	194	298	131	429	450	214	664	144	60	204	1,151	467	**1,618**
%Female	16			27			17			31			32			29			29%		
2019/20	33	4	37	55	21	76	147	30	177	351	135	486	535	241	776	168	65	233	1,289	496	**1,785**
%Female	11			28			17			28			31			28			28%		
2020/21	27	2	29	70	20	90	167	44	211	443	160	603	563	269	832	134	42	176	1,404	537	**1,941**
%Female	7%			22%			21%			27%			32%			24%			28%		

Table B3: MJNM Campus' Academic Staff by Age, Qualification and Gender, 2015/2016

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	15	4	19	0	1	1	0	0	0	15	5	**20**
26 – 30	88	36	124	44	14	58	1	0	1	133	50	**183**
31 – 35	49	24	73	110	50	160	11	4	15	170	78	**248**
36 – 40	5	2	7	123	39	162	44	27	71	172	68	**240**
41 – 45	2	0	2	41	9	50	71	24	95	114	33	**147**
46 – 50	0	0	0	9	3	12	52	16	68	61	19	**80**
51 – 55	0	0	0	5	1	6	45	11	56	50	12	**62**
56 – 60	0	0	0	2	1	3	89	15	104	91	16	**107**
Over 60	0	0	0	0	0	0	128	28	156	128	28	**156**
Total	**159**	**66**	**225**	**334**	**118**	**452**	**441**	**125**	**566**	**934**	**309**	**1,243**

Table B4: MJNM Campus' Academic Staff by Age, Qualification and Gender, 2016/2017

Age	Degree			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	6	7	13	0	1	1	0	0	0	6	8	**14**
26 – 30	60	28	88	37	23	60	0	0	0	97	51	**148**
31 – 35	20	6	26	102	45	147	16	3	19	138	54	**192**
36 – 40	10	2	12	106	24	130	66	26	92	182	52	**234**
41 – 45	0	1	1	51	8	59	73	33	106	124	42	**166**
46 – 50	1	0	1	10	4	14	71	20	91	82	24	**106**
51 – 55	0	0	0	1	1	2	46	10	56	47	11	**58**
56 – 60	0	0	0	5	0	5	77	10	87	82	10	**92**
Over 60	0	0	0	0	0	0	132	22	154	132	22	**154**
Total	**97**	**44**	**141**	**312**	**106**	**418**	**481**	**124**	**605**	**890**	**274**	**1,164**

Table B5: MKNM Campus' Academic Staff by Age, Qualification and Gender, 2017/2018

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	3	4	7	0	1	1	0	0	0		5	8
26-30	61	30	91	32	19	51	0	0	0	93	49	142
31-35	21	7	28	89	47	136	12	2	14	122	56	178
36-40	11	2	13	112	26	138	64	25	89	187	53	240
41-45	0	1	1	61	8	69	73	35	108	134	44	178
46-50	1	0	1	11	4	15	73	21	94	85	25	110
51-55	0	0	0	1	1	2	49	10	59	50	11	61

Age												
56-60	0	0	0	4	0	4	76	8	84	80	8	88
Over 60	0	0	0	1	0	1	136	23	159	137	23	160
Total	**97**	**44**	**141**	**311**	**106**	**417**	**483**	**124**	**607**	**891**	**274**	**1,165**

Table B6: MJNM Campus' Academic Staff by Age, Qualification and Gender, 2018/2019

	Bachelor's			Master's			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	1	1	0	0	0	0	0	0	0	1	1
26-30	54	30	84	37	26	63	0	0	0	91	56	147
31-35	23	7	30	83	47	130	9	2	11	115	56	171
36-40	5	1	6	145	40	185	70	25	95	220	66	286
41-45	0	0	0	54	7	61	84	41	125	138	48	186
46-50	0	0	0	20	4	24	79	25	104	99	29	128
51-55	0	1	1	3	1	4	45	10	55	48	12	60
56-60	0	0	0	2	0	2	63	13	76	65	13	78
Over 60	0	0	0	4	0	4	127	27	154	131	27	158
Total	**82**	**40**	**122**	**348**	**125**	**473**	**477**	**143**	**620**	**907**	**308**	**1,215**

Table B7: MJNM Campus' Academic Staff by Age, Qualification and Gender, 2019/2020

	Bachelor's			Master's			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	8	6	14	2	0	2	0	0	0	10	6	16
26-30	71	33	104	51	29	80	0	0	0	122	62	184
31-35	28	9	37	112	64	176	7	5	12	147	78	225
36-40	6	2	8	134	48	182	65	23	88	205	73	278
41-45	2	1	3	68	11	79	100	44	144	170	56	226
46-50	0	1	1	23	2	25	80	26	106	103	29	132
51-55	1	0	1	3	3	6	49	11	60	53	14	67
56-60	0	0	0	2	0	2	50	12	62	52	12	64
Over 60	1	0	1	11	0	11	146	27	173	158	27	185
Total	**117**	**52**	**169**	**406**	**157**	**563**	**497**	**148**	**645**	**1,020**	**357**	**1,377**

Table B8: MJNM Campus' Academic Staff by Age, Qualification and Gender, 2020/2021

	Bachelor			Masters			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	3	3	6	0	0	0	0	0	0	3	3	**6**
26-30	57	24	81	37	35	72	0	0	0	94	59	**153**

Age	M	F	T	M	F	T	M	F	T	M	F	T
31-35	32	14	46	149	70	219	26	14	40	207	98	**305**
36-40	14	8	22	116	50	166	75	41	116	205	99	**304**
41-45	2	2	4	75	24	99	135	50	185	212	76	**288**
46-50	0	0	0	29	13	42	109	52	161	138	65	**203**
51-55	0	0	0	6	1	7	72	25	97	78	26	**104**
56-60	0	0	0	0	0	0	44	13	57	44	13	**57**
Over 60	0	0	0	0	0	0	54	17	71	54	17	**71**
Total	**108**	**51**	**159**	**412**	**193**	**605**	**515**	**212**	**727**	**1,035**	**456**	**1,491**

Table B9: DUCE Academic Staff by Age, Qualification and Gender, 2015/2016

	Bachelor's			Masters			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	1	2	0	0	0	0	0	0	1	1	**2**
26 – 30	8	6	14	12	5	17	0	0	0	20	11	**31**
31 – 35	9	2	11	28	15	43	2	3	5	39	20	**59**
36 – 40	2	0	2	26	12	38	8	2	10	36	14	**50**
41 – 45	0	0	0	18	7	25	8	6	14	26	13	**39**
46 – 50	0	0	0	3	1	4	6	2	8	9	3	**12**
51 – 55	0	0	0	0	0	0	0	0	0	0	0	**0**
56 – 60	0	0	0	0	0	0	1	0	1	1	0	**1**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**20**	**9**	**29**	**87**	**40**	**127**	**25**	**13**	**38**	**132**	**62**	**194**

Table B10: DUCE Academic Staff by Age, Qualification and Gender, 2016/2017

	Bachelor's			Master's			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	1	2	0	0	0	0	0	0	1	1	**2**
26 - 30	12	6	18	9	6	15	0	0	0	21	12	**33**
31 - 35	13	5	18	25	16	41	3	2	5	41	23	**64**
36 - 40	2	0	2	23	14	37	12	4	16	37	18	**55**
41 - 45	0	0	0	16	9	25	12	9	21	28	18	**46**
46 - 50	0	0	0	1	0	1	7	3	10	8	3	**11**
51 - 55	0	0	0	0	0	0	0	0	0	0	0	**0**
56 - 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Over 60	0	0	0	0	0	0	1	0	1	1	0	**1**
Total	**28**	**12**	**40**	**74**	**45**	**119**	**35**	**18**	**53**	**137**	**75**	**212**

Table B11: DUCE Academic Staff by Age, Qualification and Gender, 2017/2018

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0							0	0	**0**
26 – 30	14	6	20	3	1	4				17	7	**24**
31 – 35	7	4	11	23	13	36	1	0	1	31	17	**48**
36 – 40	2	0	2	24	16	40	11	7	18	37	23	**60**
41 – 45	0	1	1	15	8	23	16	11	27	31	20	**51**
46 – 50				11	3	14	11	4	15	22	7	**29**
51 – 55							7	1	8	7	1	**8**
56 – 60												**0**
Over 60							1	0	1	1	0	**1**
Total	23	11	34	76	41	117	47	23	70	146	75	**221**

Table B12: DUCE Academic Staff by Age, Qualification and Gender, 2018/2019

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0							0	0	**0**
26 – 30	13	4	17	3	2	5				16	6	**22**
31 – 35	6	2	8	23	17	40	5	0	5	34	19	**53**
36 – 40	1	1	2	28	17	45	6	9	15	35	27	**62**
41 – 45	0			15	9	24	17	8	25	32	17	**49**
46 – 50				5	4	9	15	9	24	20	13	**33**
51 – 55				2	0	2	8	3	11	10	3	**13**
56 – 60												
Over 60												
Total	**20**	**7**	**27**	**76**	**49**	**125**	**51**	**29**	**80**	**147**	**85**	**232**

Table B13: DUCE Academic Staff by Age, Qualification and Gender, 2019/2020

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0							0	0	**0**
26 – 30	13	4	17	4	2	6				17	6	**23**
31 – 35	7	3	10	25	17	42	4	0	4	36	20	**56**
36 – 40	1	0	1	30	15	45	8	10	18	39	25	**64**
41 – 45	0			14	9	23	18	8	26	32	17	**49**

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
46 – 50				4	4	8	17	9	26	21	13	**34**
51 – 55				1	0	1	9	4	13	10	4	**14**
56 – 60												
Over 60												
Total	**21**	**7**	**28**	**78**	**47**	**125**	**56**	**31**	**87**	**155**	**85**	**240**

Table B14: DUCE Academic Staff by Age, Qualification and Gender, 2020/2021

Age	Degree			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	**0**
26 – 30	14	3	17	2	3	5	0	0	0	16	6	**22**
31 – 35	4	1	5	20	13	33	2	0	2	26	14	**40**
36 – 40	0	0	0	23	16	39	14	8	22	37	24	**61**
41 – 45	0	0	0	22	12	34	19	14	33	41	26	**67**
46 – 50	0	0	0	17	6	23	14	6	20	31	12	**43**
51 – 55	0	0	0	0	0	0	7	2	9	7	2	**9**
56 – 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**18**	**4**	**22**	**84**	**50**	**134**	**56**	**30**	**86**	**158**	**84**	**242**

Table B15: MUCE Academic Staff by Age, Qualification and Gender, 2015/2016

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	**0**
26 – 30	20	6	26	14	10	24	0	0	0	34	16	**50**
31 – 35	19	4	23	20	5	25	1	0	1	40	9	**49**
36 – 40	1	0	1	8	16	24	2	2	4	11	18	**29**
41 – 45	0	0	0	7	4	11	4	1	5	11	5	**16**
46 – 50	0	0	0	2	0	2	0	1	1	2	1	**3**
51 – 55	0	0	0	1	1	2	0	0	0	1	1	**2**
56 – 60	0	0	0	1	1	2	1	1	2	2	2	**4**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**40**	**10**	**50**	**53**	**37**	**90**	**8**	**5**	**13**	**101**	**52**	**153**

Table B16: MUCE Academic Staff by Age, Qualification and Gender, 2016/2017

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	1	1	0	0	0	0	0	0	0	1	**1**
26 - 30	16	11	27	2	3	5	0	0	0	18	14	**32**
31 - 35	4	1	5	27	15	42	0	0	0	31	16	**47**
36 - 40	1	0	1	25	9	34	9	3	12	35	12	**47**
41 - 45	0	0	0	9	3	12	4	4	8	13	7	**20**
46 - 50	0	0	0	4	1	5	3	1	4	7	2	**9**
51 - 55	0	0	0	1	0	1	2	0	2	3	0	**3**
56 - 60	0	0	0	0	0	0	2	1	3	2	1	**3**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**21**	**13**	**34**	**68**	**31**	**99**	**20**	**9**	**29**	**109**	**53**	**162**

Table B17: MUCE Academic Staff by Age, Qualification and Gender, 2017/2018

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	**0**
26 – 30	18	8	26	14	10	24	0	0	0	32	18	**50**
31 – 35	12	6	18	23	3	26	1	0	1	36	9	**45**
36 – 40	0	0	0	4	15	19	3	11	14	7	26	**33**
41 – 45	0	0	0	0	2	2	10	3	13	10	5	**15**
46 – 50	0	0	0	2	0	2	0	1	1	2	1	**3**
51 – 55	0	0	0	0	1	1	0	0	0	0	1	**1**
56 – 60	0	0	0	0	1	1	0	1	1	0	2	**2**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**30**	**14**	**44**	**43**	**32**	**75**	**14**	**16**	**30**	**87**	**62**	**149**

Table B18: MUCE Academic Staff by Age, Qualification and Gender, 2018/2019

Age	Degree			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	0	2	0	0	0	0	0	0	2	0	2
26 – 30	17	5	22	1	0	1	0	0	0	18	5	23
31 – 35	11	8	19	11	19	30	2	0	2	24	27	51
36 – 40	0	0	0	10	18	28	4	16	20	14	34	48
41 – 45	0	0	0	11	4	15	9	4	13	20	8	28
46 – 50	0	0	0	4	2	6	6	3	9	10	5	15
51 – 55	0	0	0	2	0	2	0	1	1	2	1	3
56 – 60	0	0	0	0	0	0	0	1	1	0	1	1

Age	Degree			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Over 60	0	0	0	0	0	0	0	0	0	0	0	0
Total	30	13	43	39	43	82	21	25	46	90	81	171

Table B19: MUCE Academic Staff by Age, Qualification and Gender, 2019/2020

Age	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	**0**
26 – 30	15	6	21	3	1	4	0	0	0	18	7	**25**
31 – 35	5	0	5	6	4	10	2	3	5	13	7	**20**
36 – 40	0	0	0	34	22	56	14	7	20	48	29	**77**
41 – 45	0	0	0	14	10	24	6	1	8	20	11	**31**
46 – 50	0	0	0	0	0	0	9	0	9	9	0	**9**
51 – 55	0	0	0	0	0	0	5	0	5	5	0	**5**
56 – 60	0	0	0	0	0	0	1	0	1	5	0	**1**
Over 60	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	20	6	26	57	37	94	37	11	48	118	54	168

Table B20: MUCE Academic Staff by Age, Qualification and Gender, 2020/2021

Age	Degree			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	1	1	0	0	0	0	0	0	0	1	1
26 – 30	9	2	11	5	3	8	0	0	0	14	5	19
31 – 35	5	0	5	15	17	32	1	0	1	21	17	38
36 – 40	0	0	0	24	10	34	12	6	18	36	16	52
41 – 45	0	0	0	18	6	24	18	5	23	36	11	47
46 – 50	0	0	0	14	6	20	16	5	21	30	11	41
51 – 55	0	0	0	4	0	4	4	0	4	8	0	8
56 – 60	0	0	0	0	0	0	2	0	2	2	0	2
Over 60	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	3	17	80	42	122	53	16	69	147	61	208

Table B21: UDSM Academic Staff Recruitment, Rank and Gender

Rank	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Professor	1	1	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4

Rank	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
A/Professor	0	0	0	5	0	5	1	0	1	0	0	0	1	0	1	0	0	0	5	0	5
S/Lecturer	2	0	2	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	8	1	9
Lecturer	2	0	2	1	0	1	0	0	0	2	1	3	1	0	1	1	0	1	7	1	8
A/Lecturer	22	16	38	4	4	8	9	1	10	10	11	21	7	7	14	11	3	14	60	38	98
T/Assistant	105	44	149	8	2	10	17	7	24	28	17	45	36	6	42	36	8	44	218	79	297
Total	132	61	193	27	7	34	27	8	35	40	29	69	45	13	58	48	11	59	301	120	421
%F	32%			21%			23%			42%			22%			19%			29%		

Table B22: MJNMC Academic Staff Recruitment, Rank and Gender

Rank	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Professor	1	1	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
A/Professor	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
S/Lecturer	0	0	0	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	7	1	8
Lecturer	2	0	2	1	0	1	0	0	0	2	1	3	1	0	1	0	0	0	6	1	7
A/Lecturer	20	15	35	2	4	6	5	1	6	9	7	16	6	4	10	11	3	14	53	34	87
T/Assistant	89	36	125	5	2	7	4	2	6	23	16	39	32	6	38	34	8	42	187	70	257
Total	112	52	164	22	7	29	9	3	12	34	24	58	39	10	49	45	11	56	261	107	368

Table B23: DUCE Academic Staff Recruitment, Rank and Gender

Rank	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Professor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A/Professor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S/Lecturer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Lecturer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A/Lecturer	2	1	3	2	0	2	3	0	3	0	3	3	0	0	0	0	0	0	7	4	11
T/Assistant	16	8	24	3	0	3	3	0	3	5	1	6	2	0	2	2	0	2	31	9	40
Total	19	9	28	5	0	5	6	0	6	5	4	9	2	0	2	2	0	2	39	13	52

Table B24: MUCE Academic Staff Recruitment, Rank and Gender

Rank	2015/16			2016/17			2017/18			2018/19			2019/20			2020/21			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Professor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A/Professor	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	2	0	2
S/Lecturer	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Lecturer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
A/Lecturer	0	0	0	0	0	0	1	0	1	1	1	2	1	3	4	0	0	0	3	4	7
T/Assistant	0	0	0	0	0	0	10	5	15	0	0	0	2	0	2	0	0	0	12	5	17
Total	**1**	**0**	**1**	**0**	**0**	**0**	**12**	**5**	**17**	**1**	**1**	**2**	**4**	**3**	**7**	**1**	**0**	**1**	**19**	**9**	**28**

Table B25: UDSM Academic Staff by Employment Status and Gender

Year	Permanent			Contract			Part-Time			Total			% Permanent
	M	F	T	M	F	T	M	F	T	M	F	T	
2015/16	1035	391	1426	132	32	164	48	14	62	1215	437	1652	86%
%Female		27%			20%			23%			26%		
2016/17	973	364	1337	134	24	158	101	7	108	1208	395	1603	83%
%Female		27%			15%			6%			25%		
2017/18	1000	383	1383	94	25	119	89	13	102	1183	421	1604	86%
%Female		27%			21%			13%			26%		
2018/19	1031	439	1470	115	26	141	77	14	91	1223	479	1702	86%
%Female		30%											
2019/20	1048	435	1483	69	18	87	220	48	268	1337	501	1838	81%
%Female		29%			21%			18%			27%		
2020/21	1136	470	1606	24	7	31	245	59	304	1405	536	1941	83%
%Female		29%			23%			19%			28%		

Table B26: Academic Staff by Unit, Employment Status and Gender, 2015/2016

Unit	Permanent			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	22	10	32	3	1	4	1	1	2	26	12	38
CoHU	102	26	128	8	3	11	5	2	7	115	31	146
CoSS	109	42	151	30	5	35	4	0	4	143	47	190
CoET	153	35	188	19	0	19	3	2	5	175	37	212
CoNAS	122	37	159	21	7	28	1	1	2	144	45	189
CoICT	61	21	82	4	1	5	2	0	2	67	22	89
UDBS	63	37	100	9	5	14	5	0	5	77	42	119

Unit	Permanent			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
SoED	47	23	70	7	3	10	4	0	4	58	26	84
UDSoL	45	10	55	8	0	8	3	0	3	56	10	66
SoHS	3	1	4	0	0	0	6	0	6	9	1	10
SJMC	18	7	25	1	0	1	7	1	8	26	8	34
IDS	15	5	20	9	3	12	0	0	0	24	8	32
IMS	13	5	18	1	1	2	0	0	0	14	6	20
IRA	18	6	24	4	0	4	0	0	0	22	6	28
IKS	15	15	30	4	0	4	6	7	13	25	22	47
Sub Total	**806**	**280**	**1,086**	**128**	**29**	**157**	**47**	**14**	**61**	**981**	**323**	**1,304**
DUCE	132	62	194	0	0	0	0	0	0	132	62	194
MUCE	97	49	146	4	3	7	1	0	1	102	52	154
Sub Total DUCE+MUCE	**229**	**111**	**340**	**4**	**3**	**7**	**1**	**0**	**1**	**234**	**114**	**348**
Total	**1,035**	**391**	**1,426**	**132**	**32**	**164**	**48**	**14**	**62**	**1,215**	**437**	**1,652**

Table B27: Academic Staff by Unit, Employment Status and Gender, 2016/2017

	Permanent			Contract			Part-time			Total		
Unit	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	23	10	33	9	1	10	1	0	1	33	11	44
CoHU	92	24	116	6	4	10	6	1	7	104	29	133
CoSS	104	35	139	28	2	30	8	1	9	140	38	178
CoET	131	31	162	25	0	25	5	0	5	161	31	192
CoNAS	116	30	146	28	5	33	1	0	1	145	35	180
CoICT	60	22	82	4	0	4	1	0	1	65	22	87
UDBS	56	23	79	4	4	8	2	0	2	62	27	89
SoED	39	18	57	5	2	7	1	0	1	45	20	65
UDSoL	43	11	54	8	0	8	3	0	3	54	11	65
SoHS	4	5	9	0	0	0	0	0	0	4	5	9
SJMC	17	3	20	0	0	0	9	0	9	26	3	29
IDS	13	5	18	10	3	13	0	0	0	23	8	31
IMS	10	5	15	2	1	3	0	0	0	12	6	18
IRA	14	7	21	4	0	4	1	0	1	19	7	26
IKS	16	16	32	3	0	3	6	2	8	25	18	43
LIBRARY	13	5	18	3	2	5	0	0	0	16	7	23
DUCE	136	74	210	1	1	2	0	0	0	137	75	212
MUCE	109	50	159	3	0	3	58	3	61	170	53	223
Total	**973**	**364**	**1,337**	**134**	**24**	**158**	**101**	**7**	**108**	**1,208**	**395**	**1,603**

Table B28: Academic Staff by Unit, Employment Status and Gender, 2017/2018

Unit	Full-time			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	22	10	32	9	1	10	1	0	1	32	11	43
CoHU	89	23	112	6	4	10	3	1	4	98	28	126
CoSS	112	34	146	16	2	18	4	1	5	132	37	169
CoET	138	31	169	14	0	14	5	0	5	157	31	188
CoNAS	134	30	164	9	5	14	1	0	1	144	35	179
CoICT	60	22	82	3	0	3	1	0	1	64	22	86
UDBS	55	23	78	3	4	7	2	0	2	60	27	87
SoED	39	18	57	4	2	6	1	0	1	44	20	64
UDSoL	42	11	53	6	0	6	3	0	3	51	11	62
SJMC	11	3	14	0	0	0	6	0	6	17	3	20
IDS	16	5	21	7	3	10	0	0	0	23	8	31
IMS	10	5	15	2	1	3	0	0	0	12	6	18
IRA	13	7	20	4	0	4	1	0	1	18	7	25
IKS	10	14	24	3	0	3	6	2	8	19	16	35
LIBRARY	13	5	18	3	2	5	0	0	0	16	7	23
SoHS/MCHAS	4	5	9	0	0	0	0	0	0	4	5	9
Sub-total	**768**	**246**	**1,014**	**89**	**24**	**113**	**34**	**4**	**38**	**891**	**274**	**1,165**
DUCE	145	75	220	5	1	6				150	76	226
MUCE	87	62	149	0	0	0	55	9	64	142	71	213
Sub-total DUCE+MUCE	**232**	**137**	**369**	**5**	**1**	**6**	**55**	**9**	**64**	**292**	**147**	**439**
Total	**1,000**	**383**	**1,383**	**94**	**25**	**119**	**89**	**13**	**102**	**1,183**	**421**	**1,604**

Table B29: Academic Staff by Unit, Employment Status and Gender, 2018/2019

Unit	Full-time			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	32	12	44	4	1	5	0	0	0	36	13	49
CoHU	94	27	121	7	5	12	1	0	1	102	32	134
CoSS	107	35	142	20	6	26	0	0	0	127	41	168
CoET	142	41	183	26	0	26	0	0	0	168	41	209
CoNAS	119	33	152	19	5	24	3	1	4	141	39	180
CoICT	54	23	77	4	0	4	0	0	0	58	23	81
UDBS	54	25	79	5	2	7	0	0	0	59	27	86
SoED	36	22	58	3	3	6	0	0	0	39	25	64
UDSoL	39	9	48	6	0	6	0	0	0	45	9	54

Unit	Full-time			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
SJMC	13	5	18	0	0	0	0	0	0	13	5	18
IDS	14	7	21	7	2	9	1	1	2	22	10	32
IMS	12	6	18	2	0	2	0	0	0	14	6	20
IRA	16	8	24	5	0	5	0	0	0	21	8	29
IKS	17	13	30	2	0	2	0	0	0	19	13	32
LIBRARY	14	5	19	3	2	5	0	0	0	17	7	24
MCHAS	27	8	35	0		0	0	0	0	27	8	35
Sub-total	**790**	**279**	**1,069**	**113**	**26**	**139**	**5**	**2**	**7**	**908**	**307**	**1,215**
DUCE	147	85	232	0	0	0	0	0	0	147	85	232
MUCE	97	74	**171**	0	0	0	72	12	84	169	86	255
Sub-total DUCE+MUCE	244	159	403	0	0	0	72	12	84	316	171	487
Total	**1,034**	**438**	**1,472**	**113**	**26**	**139**	**77**	**14**	**91**	**1,224**	**478**	**1,702**

Table B 30: Academic Staff by Unit, Employment Status and Gender, 2019/2020

Unit	Full-time			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	32	17	49	2	1	3	6	4	10	40	22	62
CoHU	93	29	122	5	4	9	17	4	21	115	37	152
CoSS	97	37	134	9	4	13	27	5	32	133	46	179
CoET	138	45	183	15	0	15	28	5	33	181	50	231
CoNAS	118	33	151	11	4	15	31	5	36	160	42	202
CoICT	53	23	76	2	0	2	5	1	6	60	24	84
UDBS	55	25	80	5	1	6	13	2	15	73	28	101
SoED	40	25	65	3	2	5	5	2	7	48	29	77
UDSoL	40	8	48	3	0	3	8	1	9	51	9	60
SJMC	13	8	21	0	0	0	5	1	6	18	9	27
IDS	12	6	18	1	1	2	8	1	9	21	8	29
IMS	12	6	18	1	0	1	3	0	3	16	6	22
IRA	15	8	23	6	0	6	6	2	8	27	10	37
IKS	19	14	33	0	0	0	6	8	14	25	22	47
LIBRARY	14	4	18	3	0	3	3	2	5	20	6	26
UDSM - MCHAS	28	8	36	3	1	4	1	0	1	32	9	41
Sub-total	**779**	**296**	**1,075**	**69**	**18**	**87**	**172**	**43**	**215**	**1,020**	**357**	**1,377**
DUCE	155	85	240	0	0	0	0	0	0	155	85	240
MUCE	114	54	**168**	0	0	0	48	5	53	162	59	221
Sub-total DUCE+MUCE	**269**	**139**	**408**	**0**	**0**	**0**	**48**	**5**	**53**	**317**	**144**	**461**
Total	**1,048**	**435**	**1,483**	**69**	**18**	**87**	**220**	**48**	**268**	**1,337**	**501**	**1,838**

Table B 31: Academic Staff by Unit, Employment Status and Gender, 2020/2021

Unit	Full-time			Contract			Part-time			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
CoAF	31	17	48	1	0	1	17	7	24	49	24	73
CoET	156	47	203	4	0	4	31	4	35	191	51	242
CoHU	100	32	132	2	0	2	42	10	52	144	42	186
CoICT	52	22	74	0	0	0	6	0	6	58	22	80
CoNAS	82	31	113	3	1	4	19	5	24	104	37	141
CoSS	84	31	115	2	1	3	23	4	27	109	36	145
IDS	19	9	28	0	0	0	14	11	25	33	20	53
IKS	21	16	37	0	0	0	5	3	8	26	19	45
IMS	16	7	23	0	0	0	0	0	0	16	7	23
IRA/CCCS	10	7	17	0	0	0	0	0	0	10	7	17
LIBRARY	20	3	23	0	0	0	0	0	0	20	3	23
SJMC	17	10	27	0	0	0	7	0	7	24	10	34
SoAF	21	7	28	0	0	0	3	1	4	24	8	32
SoED	53	31	84	1	0	1	5	1	6	59	32	91
SoMG	51	11	62	1	0	1	4	1	5	56	12	68
UDBS	56	26	82	0	0	0	16	2	18	72	28	100
UDSM - MCHAS	12	5	17	1	0	1	5	0	5	18	5	23
UDSM - MRI	8	3	11	0	0	0	0	0	0	8	3	11
UDSoEC	22	9	31	0	1	1	5	1	6	27	11	38
UDSoL	39	12	51	1	0	1	12	2	14	52	14	66
Sub-total	**870**	**336**	**1,206**	**16**	**3**	**19**	**214**	**52**	**266**	**1,100**	**391**	**1,491**
DUCE	145	82	227	0	0	0	13	2	15	158	84	242
MUCE	121	52	173	8	4	12	18	5	23	147	61	208
Sub-total DUCE+MUCE	**266**	**134**	**400**	**8**	**4**	**12**	**31**	**7**	**38**	**305**	**145**	**450**
Total	**1,136**	**470**	**1,606**	**24**	**7**	**31**	**245**	**59**	**304**	**1,405**	**536**	**1,941**

Academic Staff by Country, Qualification and Gender

Table B32: UDSM Academic Staff by Citizenship

Citizenship	Year						
	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Tanzanians	1511	1,577	1,529	1,526	1,609	1,776	1,934
Non-Tanzanians	11	13	10	9	9	9	7
Total	**1522**	**1,590**	**1,539**	**1,535**	**1,618**	**1,785**	**1,941**

Table B33: MJNMC Academic Staff by Country, Qualification and Gender, 2015/2016

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0	0	2	1	3	2	1	**3**
Burundi	0	0	0	0	0	0	1	0	1	1	0	**1**
Eritrea	0	0	0	0	0	0	1	0	1	1	0	**1**
Kenya	0	0	0	0	0	0	1	0	1	1	0	**1**
Rwanda	0	0	0	0	0	0	1	0	1	1	0	**1**
Tanzania	161	66	227	333	118	451	429	125	554	923	309	**1,232**
Poland	0	0	0	0	0	0	1		1	1	0	**1**
India	0	0	0	0	0	0	1	1	2	1	1	**2**
Zambia	0	0	0	0	0	0	0	1	1	0	1	**1**
Other Nations	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**161**	**66**	**226**	**333**	**118**	**451**	**437**	**128**	**565**	**931**	**311**	**1,243**

Table B34: MJNMC Academic Staff by Country, Qualification and Gender, 2016/2017

Country	Bachelor's			Master's			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0	0	2	0	2	2	0	**2**
Burundi	0	0	0	0	0	0	1	0	1	1	0	**1**
Eritrea	0	0	0	0	0	0	1	0	1	1	0	**1**
Kenya	0	0	0	0	0	0	1	0	1	1	0	**1**
Rwanda	0	0	0	0	0	0	1	0	1	1	0	**1**
Tanzania	97	44	141	312	106	418	474	123	597	883	273	**1,156**
India	0	0	0	0	0	0	1	0	1	1	0	**1**
Zambia	0	0	0	0	0	0	0	1	1	0	1	**1**
Other Nations	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**97**	**44**	**141**	**312**	**106**	**418**	**481**	**124**	**605**	**890**	**274**	**1,164**

Table B35: MJNMC Academic Staff by Country, Qualification and Gender, 2017/2018

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0		2	1	3	2	1	3
Burundi	0	0	0	0	0	0	1	0	1	1	0	1
Kenya	0	0	0	0	0	0	1	0	1	1	0	1
Rwanda	0	0	0	0	0	0	1	0	1	1	0	1

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	97	44	141	311	106	417	477	122	599	885	272	1,157
India	0	0	0	0	0	0	1	1	2	1	1	2
Other Nations	0	0	0	0	0	0	0	0	0	0	0	0
Total	**97**	**44**	**141**	**311**	**106**	**417**	**483**	**124**	**607**	**891**	**274**	**1,165**

Table B36: MJNMC Academic Staff by Country, Qualification and Gender, 2018/2019

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0		2	1	3	2	1	3
Burundi	0	0	0	0	0	0	1	0	1	1	0	1
Kenya	0	0	0	0	0	0	1	0	1	1	0	1
Rwanda	0	0	0	0	0	0	1	0	1	1	0	1
Tanzania	82	40	122	348	125	473	471	141	612	901	306	1,207
India	0	0	0	0	0	0	1	1	2	1	1	2
Other Nationals	0	0	0	0	0	0	0	0	0	0	0	0
Total	**82**	**40**	**122**	**348**	**125**	**473**	**477**	**143**	**620**	**907**	**308**	**1,215**

Table B37: MJNMC Academic Staff by Country, Qualification and Gender, 2019/2020

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0	0	1	1	2	1	1	2
Burundi	0	0	0	0	0	0	1	0	1	1	0	1
Kenya	0	0	0	0	0	0	1	1	2	1	1	2
Rwanda	0	0	0	0	0	0	1	0	1	1	0	1
Tanzania	117	52	169	406	157	563	492	145	637	1,015	354	1,369
India	0	0	0	0	0	0	1	1	2	1	1	2
Other Nations	0	0	0	0	0	0	0	0	0	0	0	0
Total	**117**	**52**	**169**	**406**	**157**	**563**	**497**	**148**	**645**	**1,020**	**357**	**1,377**

Table B38: MJNMC Academic Staff by Country, Qualification and Gender, 2020/2021

Country	Bachelor			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	108	51	159	412	193	605	511	210	721	1,031	454	1,485
India	0	0	0	0	0	0	1	1	2	1	1	2

Country	M	F	T	M	F	T	M	F	T	M	F	T
USA	0	0	0	0	0	0	0	1	1	0	1	1
Burundi	0	0	0	0	0	0	1	0	1	1	0	1
Rwanda	0	0	0	0	0	0	1	0	1	1	0	1
Kenya	0	0	0	0	0	0	1	0	1	1	0	1
Total	**108**	**51**	**159**	**412**	**193**	**605**	**515**	**212**	**727**	**1,035**	**456**	**1,491**

Table B39: DUCE Academic Staff by Country, Qualification and Gender, 2015/2016

	Bachelor's			Master's			PhD			Total		
Country	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	20	9	29	87	40	127	25	12	37	132	61	**193**
India	0	0	0	0	0	0	0	1	1	0	1	**1**
Total	**20**	**9**	**29**	**87**	**40**	**127**	**25**	**13**	**38**	**132**	**62**	**194**

Table B40: DUCE Academic Staff by Country, Qualification and Gender, 2016/2017

	Bachelor's			Master's			Doctorate			Total		
Country	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	28	12	40	74	45	119	36	16	52	138	73	**211**
India	0	0	0	0	0	0	0	1	1	0	1	**1**
Total	**28**	**12**	**40**	**74**	**45**	**119**	**36**	**17**	**53**	**138**	**74**	**212**

Table B41: DUCE Academic Staff by Country, Qualification and Gender, 2017/2018

	Bachelors			Masters			Doctorate			Total		
Country	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	23	11	34	76	41	117	47	23	70	146	75	**221**
Other Nations	0	0	0	0	0	0	0	0	0	0	0	0
Total	**23**	**11**	**34**	**76**	**41**	**117**	**47**	**23**	**70**	**146**	**75**	**221**

Table B42: DUCE Academic Staff by Country, Qualification and Gender, 2018/2019

	Bachelors			Masters			Doctorate			Total		
Country	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	20	7	27	76	49	125	51	29	80	147	85	**232**
Other Nations	0	0	0	0	0	0	0	0	0	0	0	0
Total	**20**	**7**	**27**	**76**	**49**	**125**	**51**	**29**	**80**	**147**	**85**	**232**

Table B43: DUCE Academic Staff by Country, Qualification and Gender, 2019/2020

Country	Bachelor's			Master's			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	21	7	28	78	47	125	56	31	87	155	85	**240**
Other Nations	0	0	0	0	0	0	0	0	0	0	0	0
Total	**21**	**7**	**28**	**78**	**47**	**125**	**56**	**31**	**87**	**155**	**85**	**240**

Table B44: DUCE Academic Staff by Country, Qualification and Gender, 2020/2021

Country	Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	18	4	22	84	50	134	56	30	86	158	84	**242**
Other Nationals	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**18**	**4**	**22**	**84**	**50**	**134**	**56**	**30**	**86**	**158**	**84**	**242**

Table B45: MUCE Academic Staff by Country, Qualification and Gender, 2015/2016

Country	Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	40	10	50	53	37	90	7	5	12	100	52	**152**
Poland	0	0	0	0	0	0	1	0	1	1	0	**1**
Total	**40**	**10**	**50**	**53**	**37**	**90**	**8**	**5**	**13**	**101**	**52**	**153**

Table B46: MUCE Academic Staff by Country, Qualification and Gender, 2016/2017

Country	Bachelor's			Master's			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	21	13	34	68	31	99	20	9	29	109	53	**162**
Poland	0	0	0	0	0	0	1	0	1	1	0	**1**
Total	**21**	**13**	**34**	**68**	**31**	**99**	**21**	**9**	**30**	**110**	**53**	**163**

Table B47: MUCE Academic Staff by Country, Qualification and Gender, 2017/2018

Country	Bachelor's			Master's			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	40	15	55	43	32	75	19	8	27	100	55	**155**
Poland	0	0	0	0	0	0	1	0	1	1	0	**1**

Total	40	15	55	43	32	75	20	8	28	101	55	156

Table B48: MUCE Academic Staff by Country, Qualification and Gender, 2018/2019

Country	Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	30	13	43	39	43	82	20	25	45	89	81	170
Poland	0	0	0	0	0	0	1	0	1	1	0	1
Total	**30**	**13**	**43**	**39**	**43**	**82**	**21**	**25**	**46**	**90**	**81**	**171**

Table B49: MUCE Academic Staff by Country, Qualification and Gender, 2019/2020

Country	Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	32	10	42	39	44	83	23	19	42	94	73	**167**
Poland	0	0	0	0	0	0	1	0	1	1	0	**1**
Total	**32**	**10**	**42**	**39**	**44**	**83**	**24**	**19**	**43**	**95**	**73**	**168**

Table B50: MUCE Academic Staff by Country, Qualification and Gender, 2020/2021

Country	Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T
Tanzania	14	3	17	80	42	122	52	16	68	146	61	207
Poland	0	0	0	0	0		1	0	1	1	0	**1**
Total	**14**	**3**	**17**	**80**	**42**	**122**	**53**	**16**	**69**	**147**	**61**	**208**

6.2.2 Technical Staff

Table B51: Overall UDSM Technical Staff by Academic Qualification

Year	Certificate	Diploma	Bachelors	PGD	Masters	PhD	Total
2015/16	176	46	54	0	86	14	**376**
2016/17	154	64	57	10	58	13	**356**
2017/18	160	68	49	11	58	13	**359**
2018/19	144	79	77	11	73	10	**394**
2019/20	137	76	74	4	85	13	**389**
2020/21	30	71	91	0	33	4	**229**

Table B52: MJNMC Technical Staff by Age, Qualification and Gender, 2015/2016

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	**2**
26-30	2	1	3	1	0	1	0	0	0	1	1	2	0	0	0	4	2	**6**
31-35	3	1	4	1	0	1	5	1	6	1	3	4	0	0	0	10	5	**15**
36-40	22	3	25	3	2	5	12	3	15	8	3	11	1	0	1	46	11	**57**
41-45	17	11	28	4	6	10	6	2	8	10	5	15	1	1	2	38	25	**63**
46-50	26	14	40	8	5	13	7	3	10	8	4	12	1	0	1	50	26	**76**
51-55	23	11	34	2	2	4	5	1	6	14	1	15	3	5	8	47	20	**67**
56-60	16	8	24	5	2	7	3	2	5	14	2	16	0	1	1	38	15	**53**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	110	49	159	24	17	41	38	12	50	56	20	76	6	7	13	234	105	339

Table B53: MJNMC Technical Staff by Age, Qualification and Gender, 2016/2017

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
26-30	2	1	3	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	5	1	6
31-35	7	5	12	5	1	6	5	2	7	0	0	0	2	4	6	0	0	0	19	12	31
36-40	7	6	13	2	4	6	12	2	14	1	0	1	3	6	9	0	0	0	25	18	43
41-45	11	7	18	5	5	10	5	1	6	0	0	0	9	4	13	2	2	4	32	19	51
46-50	10	12	22	3	4	7	9	1	10	1	0	1	4	1	5	1	0	1	28	18	46
51-55	19	9	28	3	5	8	4	2	6	1	0	1	9	3	12	2	1	3	38	20	58
56-60	28	9	37	8	2	10	3	2	5	5	2	7	8	4	12	1	3	4	53	22	75
Over 60	5	0	5	4	0	4	0	0	0	0	0	0	1	0	1	1	0	1	11	0	11
Total	90	50	140	32	21	53	39	10	49	8	2	10	36	22	58	7	6	13	212	111	323

Table B54: MJNMC Technical Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
26-30	2	2	4	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	5	2	7
31-35	9	4	13	5	2	7	5	1	6	0	0	0	1	4	5	0	0	0	20	11	31
36-40	10	8	18	1	3	4	9	3	12	0	0	0	2	6	8	0	0	0	22	20	42
41-45	8	7	15	4	4	8	3	3	6	0	0	0	5	5	10	2	2	4	22	21	43

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
46-50	10	15	25	4	5	9	5	1	6	2	1	3	4	2	6	1	0	1	26	24	50
51-55	24	7	31	7	5	12	5	3	8	1	0	1	8	2	10	2	1	3	47	18	65
56-60	26	12	38	12	2	14	2	1	3	5	2	7	14	4	18	1	3	4	60	24	84
Above 60	6		6	4	1	5	0	0	0	0	0	0	1	0	1	1	0	1	12	1	13
Total	96	56	152	39	22	61	30	12	42	8	3	11	35	23	58	7	6	13	215	122	337

Table B55: MJNMC Technical Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	1	3	5	0	5	1	1	2	0	0	0	0	0	0	0	0	0	8	2	10
26-30	6	3	9	6	4	10	0	0	0	0	0	0	0	1	1	0	0	0	12	8	20
31-35	7	4	11	9	1	10	9	5	14	0	0	0	2	3	5	0	0	0	27	13	40
36-40	10	4	14	4	2	6	17	4	21	2	0	2	4	7	11	0	0	0	37	17	54
41-45	8	7	15	3	8	11	9	2	11	0	0	0	13	7	20	2	1	3	35	25	60
46-50	14	9	23	2	5	7	9	1	10	1	0	1	5	5	10	1	0	1	32	20	52
51-55	25	9	34	8	5	13	2	2	4	3	0	3	7	5	12	2	0	2	47	21	68
56-60	21	8	29	7	1	8	5	4	9	4	1	5	9	5	14	2	2	4	48	21	69
Above 60	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	93	45	138	45	26	71	52	19	71	10	1	11	40	33	73	7	3	10	247	127	374

Table B56: MJNMC Technical Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
26-30	7	3	10	8	3	11	4	1	5	0	0	0	0	1	1	0	0	0	19	8	27
31-35	7	2	9	7	1	8	10	3	13	0	0	0	3	2	5	0	0	0	27	8	35
36-40	7	4	11	3	1	4	14	5	19	1	0	1	6	7	13	0	0	0	31	17	48
41-45	7	7	14	6	7	13	9	1	10	0	0	0	14	9	23	3	1	4	39	25	64
46-50	7	9	16	3	7	10	4	2	6	0	0	0	7	5	12	0	0	0	21	23	44
51-55	27	11	38	7	2	9	6	2	8	1	0	1	7	6	13	3	0	3	51	21	72
56-60	26	5	31	5	4	9	5	2	7	2	0	2	12	6	18	4	2	6	54	19	73
Above 60	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	90	41	131	42	25	67	52	16	68	4	0	4	49	36	85	10	3	13	247	121	368

Table B57: MJNMC Technical Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	2	1	3	0	1	1	0	0	0	0	0	0	2	2	4
26-30	1	0	1	3	0	3	3	5	8	1	0	1	0	0	0	8	5	13
31-35	4	0	4	5	1	6	16	3	19	5	0	5	0	0	0	30	4	34
36-40	6	0	6	4	2	6	8	8	16	5	0	5	0	0	0	23	10	33
41-45	2	0	2	5	3	8	15	1	16	4	1	5	0	0	0	26	5	31
46-50	3	0	3	4	2	6	4	2	6	2	2	4	2	0	2	15	6	21
51-55	2	0	2	26	0	26			0		2	2	0	0	0	28	2	30
56-60	4	0	4	9	0	9	12	2	14	7	3	10	1	1	2	33	6	39
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**22**	**0**	**22**	**58**	**9**	**67**	**58**	**22**	**80**	**24**	**8**	**32**	**3**	**1**	**4**	**165**	**40**	**205**

Table B58: DUCE Technical Staff by Age, Qualification and Gender, 2015/2016

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
26-30	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	**2**
31-35	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**1**
36-40	2	0	2	0	0	0	0	1	1	0	0	0	0	0	0	2	1	**3**
41-45	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	**2**
46-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**5**	**2**	**7**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**3**	**8**

Table B59: DUCE Technical Staff by Age, Qualification and Gender, 2016/2017

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
31-35	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
36-40	2	1	3	0	0	0	1	0	1	0	0	0	0	0	0	3	1	4
41-45	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
46-50	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**4**	**1**	**5**	**2**	**0**	**2**	**2**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**2**	**10**

Table B60: DUCE Technical Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
31-35	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
36-40	2	1	3	0	0	0	1	0	1	0	0	0	0	0	0	3	1	4
41-45	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
46-50	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**4**	**1**	**5**	**2**	**0**	**2**	**2**	**1**	**3**	0	0	0	0	0	0	**8**	**2**	**10**

Table B61: DUCE Technical Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	2	1	3
31-35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36-40	1	1	2	0	0	0	1	0	1	0	0	0	0	0	0	2	1	3
41-45	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
46-50	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**1**	**3**	**2**	**1**	**3**	**2**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**3**	**9**

Table B62: DUCE Technical Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelors			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	2	2	4	0	0	0	0	0	0	0	0	0	2	2	4
31-35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36-40	1	1	2	0	0	0	1	0	1	0	0	0	0	0	0	2	1	3
41-45	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
46-50	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**1**	**3**	**2**	**2**	**4**	**2**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**4**	**10**

Table B63: DUCE Technical Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	1	2
31-35	0	0	0	1	0	1	1	1	2	0	0	0	0	0	0	2	1	3
36-40	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
41-45	3	0	3	0	0	0	1	1	2	0	0	0	0	0	0	4	1	5
46-50	0	0	0	0	0	0	1	1	2	0	1	1	0	0	0	1	2	3
51-55	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**5**	**1**	**6**	**2**	**1**	**3**	**3**	**4**	**7**	**0**	**1**	**1**	**0**	**0**	**0**	**10**	**7**	**17**

Table B64: MUCE Technical Staff by Age, Qualification and Gender, 2015/2016

Age	Certificate			Diploma			Bachelors			PGD			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
26-30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	**1**
31-35	1	0	0	1	1	2	0	1	1	3	1	4	0	0	0	5	3	**8**
36-40	5	0	5	1	1	2	1	0	1	3	0	3	0	0	0	10	1	**11**

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Age	Certificate			Diploma			Bachelors			PGD			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
41-45	1	1	2	1	0	1	1	0	1	2	0	2	0	0	0	5	1	**6**
46-50	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	0	**2**
51-55	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**1**
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**9**	**1**	**10**	**3**	**2**	**5**	**2**	**1**	**3**	**9**	**1**	**10**	**1**	**0**	**1**	**24**	**5**	**29**

Table B65: MUCE Technical Staff by Age, Qualification and Gender, 2016/2017

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	1	0	1	2	1	3	1	1	2	0	0	0	0	0	0	0	0	0	4	2	6
36-40	1	0	1	1	2	3	2	0	2	0	0	0	0	0	0	0	0	0	4	2	6
41-45	4	1	5	3	0	3	1	0	1	0	0	0	0	0	0	0	0	0	8	1	9
46-50	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**8**	**1**	**9**	**6**	**3**	**9**	**4**	**1**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18**	**5**	**23**

Table B66: MUCE Technical Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
36-40	0	0	0	0	2	2	1	1	2	0	0	0	0	0	0	0	0	0	1	3	4
41-45	1	0	1	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4	0	4
46-50	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**1**	**3**	**3**	**2**	**5**	**3**	**1**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**4**	**12**

Table B67: MUCE Technical Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
36-40	0	0	0	0	2	2	1	1	2	0	0	0	0	0	0	0	0	0	1	3	4
41-45	1	0	1	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4	0	4
46-50	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**1**	**3**	**3**	**2**	**5**	**2**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**4**	**11**

Table B68: MUCE Technical Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
36-40	0	0	0	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	3	3
41-45	1	0	1	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4	0	4
46-50	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**1**	**3**	**3**	**2**	**5**	**2**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**4**	**11**

Table B69: MUCE Technical Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36-40	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
41-45	1	0	1	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	3	1	4
46-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**2**	**1**	**0**	**1**	**3**	**1**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**1**	**7**

6.2.3 Administrative Staff

Table B70: Overall UDSM Administrative Staff by Academic Qualification

Year	Certificate	Diploma	Bachelors	PGD	Masters	PhD	Total
2015/16	579	255	197	0	174	3	**1,208**
2016/17	557	254	189	18	128	3	**1,149**
2017/18	488	276	201	23	147	3	**1,138**
2018/19	437	311	219	20	121	4	**1,112**
2019/20	433	296	225	16	131	4	**1,105**
2020/21	337	428	425	12	204	3	**1,409**

Table B71: MJNMC Administrative Staff by Age, Qualification and Gender, 2015/2016

Age	Certificate			Diploma			Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	9	4	13	6	5	11	3	0	3	0	2	2	0	0	0	18	11	**29**
26-30	38	21	59	21	20	41	15	7	22	8	11	19	0	0	0	82	59	**141**
31-35	24	10	34	11	4	15	8	6	14	6	2	8	0	0	0	49	22	**71**
36-40	32	18	50	8	11	19	6	5	11	7	15	22	0	0	0	53	49	**102**
41-45	50	11	61	5	10	15	9	3	12	6	10	16	0	0	0	70	34	**104**
46-50	39	21	60	7	10	17	9	5	14	11	8	19	1	0	1	67	44	**111**
51-55	46	29	75	12	13	25	6	6	12	6	9	15	1	0	1	71	57	**128**
56-60	44	27	71	12	8	20	3	3	6	4	4	8	0	0	0	63	42	**105**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**282**	**141**	**423**	**82**	**81**	**163**	**59**	**35**	**94**	**48**	**61**	**109**	**2**	**0**	**2**	**473**	**318**	**791**

Table B72: MJNMC Administrative Staff by Age, Qualification and Gender, 2016/2017

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	3	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6
26-30	14	14	28	2	8	10	3	3	6	0	0	0	0	0	0	0	0	0	19	25	44
31-35	30	16	46	7	9	16	14	8	22	1	0	1	0	3	3	0	0	0	52	36	88
36-40	40	22	62	12	11	23	9	10	19	0	2	2	8	10	18	0	0	0	69	55	124
41-45	50	20	70	8	11	19	6	5	11	1	0	1	2	19	21	0	0	0	67	55	122
46-50	42	25	67	7	11	18	10	4	14	1	0	1	4	6	10	0	0	0	64	46	110
51-55	68	34	102	14	16	30	2	4	6	1	3	4	7	6	13	1	0	1	93	63	156
56-60	60	36	96	10	10	20	7	4	11	0	1	1	4	4	8	0	0	0	81	55	136
Above 60	4	5	9	0	1	1	0	0	0	0	0	0	1	1	2	0	0	0	5	7	12
Total	**310**	**175**	**485**	**60**	**78**	**138**	**51**	**38**	**89**	**4**	**6**	**10**	**26**	**49**	**75**	**1**	**0**	**1**	**452**	**346**	**798**

Table B73: MJNMC Administrative Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
26-30	9	9	18	2	10	12	2	3	5	0	0	0	0	0	0	0	0	0	13	22	35
31-35	26	13	39	10	14	24	15	9	24	0	1	1	2	2	4	0	0	0	53	39	92
36-40	32	17	49	13	12	25	16	10	26	1	3	4	10	11	21	0	0	0	72	53	125
41-45	52	11	63	5	16	21	7	3	10	3	1	4	9	20	29	0	0	0	76	51	127
46-50	43	21	64	8	11	19	11	6	17	2	1	3	4	5	9	0	0	0	68	44	112
51-55	57	33	90	11	18	29	4	1	5	0	2	2	9	8	17	1	0	1	82	62	144
56-60	57	30	87	10	15	25	7	5	12	0	0	0	5	6	11	0	0	0	79	56	135
Above 60	4	6	10	1	2	3	0	0	0	0	0	0	1	1	2	0	0	0	6	9	15
Total	**282**	**142**	**424**	**60**	**98**	**158**	**62**	**37**	**99**	**6**	**8**	**14**	**40**	**53**	**93**	**1**	**0**	**1**	**451**	**338**	**789**

Table B74: MJNMC Administrative Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	10	13	23	1	11	12	0	0	0	0	0	0	0	0	0	0	0	0	11	24	35
26-30	19	15	34	5	13	18	10	9	19	0	0	0	0	0	0	0	0	0	34	37	71
31-35	28	19	47	15	18	33	12	21	33	0	0	0	0	3	3	0	0	0	55	61	116
36-40	23	15	38	19	15	34	16	9	25	0	1	1	7	9	16	0	0	0	65	49	114
41-45	37	18	55	7	18	25	5	8	13	2	2	4	2	13	15	0	0	0	53	59	112
46-50	34	16	50	7	10	17	7	4	11	1	0	1	5	4	9	0	0	0	54	34	88
51-55	40	26	66	8	13	21	5	5	10	0	1	1	5	5	10	0	0	0	58	50	108
56-60	31	17	48	11	13	24	5	1	6	0	2	2	4	5	9	1	0	1	52	38	90
Above 60	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	223	139	362	73	111	184	60	57	117	3	6	9	23	39	62	1	0	1	383	352	735

Table B75: MJNMC Administrative Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	4	11	15	1	7	8	0	0	0	0	0	0	0	0	0	0	0	0	5	18	23
26-30	23	17	40	5	23	28	7	6	13	0	0	0	0	0	0	0	0	0	35	46	81
31-35	21	17	38	10	16	26	15	19	34	0	0	0	1	5	6	0	0	0	47	57	104
36-40	25	13	38	16	16	32	15	12	27	0	1	1	9	10	19	1	0	1	66	52	118
41-45	29	18	47	3	21	24	6	12	18	1	2	3	3	21	24	0	0	0	42	74	116
46-50	46	10	56	9	15	24	8	3	11	0	1	1	3	3	6	0	1	1	66	33	99
51-55	39	22	61	7	17	24	7	5	12	0	0	0	5	3	8	0	0	0	58	47	105
56-60	40	19	59	9	15	24	5	3	8	0	0	0	4	8	12	1	0	1	59	45	104
Above 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	227	127	354	60	130	190	63	60	123	1	4	5	25	50	75	2	1	3	378	372	750

Table B76: MJNMC Administrative Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	6	4	10	3	1	4	0	0	0	0	0	0	0	0	0	9	5	14
26-30	28	31	59	32	34	66	26	17	43	3	0	3	0	0	0	89	82	171
31-35	19	34	53	21	37	58	21	16	37	13	6	19	0	0	0	74	93	167
36-40	22	13	35	18	18	36	25	25	50	18	8	26	0	0	0	83	64	147

Age	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
41-45	10	26	36	23	12	35	32	28	60	12	12	24	2	0	2	**79**	**78**	**157**
46-50	13	11	24	17	14	31	17	21	38	17	13	30	0	0	0	**64**	**59**	**123**
51-55	15	11	26	26	21	47	18	17	35	11	13	24	0	0	0	**70**	**62**	**132**
56-60	11	10	21	23	14	37	10	9	19	13	8	21	0	0	0	**57**	**41**	**98**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**	**0**
Total	**124**	**140**	**264**	**163**	**151**	**314**	**149**	**133**	**282**	**87**	**60**	**147**	**2**	**0**	**2**	**525**	**484**	**1,009**

Table B77: DUCE Administrative Staff by Age, Qualification and Gender, 2015/2016

	Certificate			Diploma			Bachelor's			Master's			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	**2**
26-30	3	6	9	5	2	7	3	5	8	0	0	0	0	0	0	11	13	**24**
31-35	14	7	21	4	11	15	15	11	26	3	2	5	0	0	0	36	31	**67**
36-40	9	9	18	10	18	28	10	14	24	10	8	18	0	0	0	39	49	**88**
41-45	8	5	13	5	3	8	4	7	11	9	3	12	0	0	0	26	18	**44**
46-50	3	4	7	2	2	4	1	3	4	1	2	3	0	0	0	7	11	**18**
51-55	4	0	4	0	4	4	2	2	4	4	2	6	0	0	0	10	8	**18**
56-60	0	1	1	0	5	5	2	0	2	0	0	0	0	0	0	2	6	**8**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**42**	**33**	**75**	**26**	**45**	**71**	**37**	**42**	**79**	**27**	**17**	**44**	**0**	**0**	**0**	**132**	**137**	**269**

Table B78: DUCE Administrative Staff by Age, Qualification and Gender, 2016/2017

	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
Age	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**1**
26-30	0	3	3	5	2	7	3	5	8	0	0	0	0	0	0	0	0	0	8	10	**18**
31-35	9	5	14	4	11	15	15	10	25	1	0	1	2	2	4	0	0	0	31	28	**59**
36-40	7	6	13	10	18	28	10	14	24	3	0	3	7	8	15	0	0	0	37	46	**83**
41-45	4	5	9	5	3	8	4	7	11	1	1	2	7	2	9	1	0	1	22	18	**40**
46-50	2	4	6	2	2	4	1	3	4	1	0	1	0	2	2	0	0	0	6	11	**17**
51-55	4	0	4	0	4	4	2	2	4	0	0	0	3	2	5	0	0	0	9	8	**17**
56-60	0	1	1	0	5	5	1	0	1	0	0	0	0	0	0	0	0	0	1	6	**7**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**26**	**25**	**51**	**26**	**45**	**71**	**36**	**41**	**77**	**6**	**1**	**7**	**19**	**16**	**35**	**1**	**0**	**1**	**114**	**128**	**242**

Table B79: DUCE Administrative Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**1**
26-30	0	3	3	5	2	7	3	5	8	0	0	0	0	0	0	0	0	0	8	10	**18**
31-35	9	5	14	4	11	15	15	10	25	1	0	1	3	2	5	0	0	0	32	28	**60**
36-40	8	5	13	10	18	28	10	14	24	3	0	3	7	8	15	0	0	0	38	45	**83**
41-45	4	5	9	5	3	8	4	7	11	1	1	2	7	2	9	1	0	1	22	18	**40**
46-50	2	4	6	2	2	4	1	3	4	1	0	1	0	2	2	0	0	0	6	11	**17**
51-55	4	0	4	0	4	4	2	2	4	0	0	0	3	2	5	0	0	0	9	8	**17**
56-60	0	1	1	0	5	5	1	0	1	0	0	0	0	0	0	0	0	0	1	6	**7**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	27	24	51	26	45	71	36	41	77	6	1	7	20	16	36	1	0	1	116	127	243

Table B80: DUCE Administrative Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	1	0	1	0	0	0										1	0	**1**
26-30	1	1	2	4	4	8	5	1	6										10	6	**16**
31-35	1	4	5	6	6	12	4	9	13				1	0	1				12	19	**31**
36-40	8	10	18	5	10	15	16	8	24	1	1	2	2	3	5				32	32	**64**
41-45	8	7	15	6	19	25	9	13	22	2	0	2	10	10	20	0	0	0	35	49	**84**
46-50	7	3	10	3	4	7	9	4	13	1	1	2	5	4	9	1	0	1	26	16	**42**
51-55	1	2	3	3	1	4	3	0	3	0	1	1	0	3	3				7	7	**14**
56-60	0	2	2	0	4	4	0	2	2				4	2	6				6	8	**14**
Over 60																					
Total	26	29	55	28	48	76	46	37	83	4	3	7	22	22	44	1	0	1	129	137	266

Table B81: DUCE Administrative Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**1**
26-30	1	1	2	4	4	8	5	1	6	0	0	0	0	0	0	0	0	0	10	6	**16**
31-35	2	4	6	6	7	13	4	10	14	0	0	0	1	0	1	0	0	0	13	21	**34**
36-40	8	10	18	5	10	15	16	8	24	1	1	2	2	3	5	0	0	0	32	32	**64**
41-45	8	7	15	6	2	8	9	13	22	2	0	2	10	10	20	0	0	0	35	32	**67**
46-50	7	3	10	3	4	7	9	4	13	1	1	2	5	4	9	1	0	1	26	16	**42**

Age	Certificate			Diploma			Bachelors			PGD			Masters			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
51-55	1	2	3	3	1	4	3	0	3	0	1	1	0	3	3	0	0	0	7	7	**14**
56-60	0	2	2	0	4	4	0	2	2	0	0	0	4	2	6	0	0	0	4	10	**14**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	27	29	56	28	32	60	46	38	84	4	3	7	22	22	44	1	0	1	128	124	252

Table B82: DUCE Administrative Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
26-30	0	4	4	6	2	8	5	8	13	0	0	0	0	0	0	0	0	0	11	14	**25**
31-35	8	3	11	3	12	15	17	14	31	0	0	0	4	3	7	0	0	0	32	32	**64**
36-40	7	6	13	12	16	28	12	17	29	1	2	3	5	7	12	0	0	0	37	48	**85**
41-45	5	5	10	6	2	8	6	11	17	2	2	4	9	3	12	0	0	0	28	23	**51**
46-50	3	4	7	3	3	6	2	5	7	1	0	1	0	2	2	1	0	1	10	14	**24**
51-55	4	0	4	0	4	4	3	3	6	0	0	0	3	3	6	0	0	0	10	10	**20**
56-60	0	0	0	0	4	4	2	1	3	0	0	0	0	0	0	0	0	0	2	5	**7**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	27	22	49	30	43	73	47	59	106	4	4	8	21	18	39	1	0	1	130	146	276

Table B83: MUCE Administrative Staff by Age, Qualification and Gender, 2015/2016

Age	Certificate			Diploma			Bachelor's			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	2	3	5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	**5**
26-30	8	6	14	0	0	0	1	2	3	2	2	4	0	0	0	10	11	**21**
31-35	12	11	23	4	2	6	5	1	6	2	3	5	0	0	0	23	17	**40**
36-40	7	16	23	3	0	3	8	1	9	5	1	6	0	0	0	23	18	**41**
41-45	4	3	7	9	0	9	3	2	5	3	0	3	0	0	0	19	5	**24**
46-50	5	1	6	2	0	2	0	0	0	2	1	3	0	0	0	9	2	**11**
51-55	2	0	2	0	1	1	1	0	1	0	0	0	1	0	1	4	1	**5**
56-60	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**1**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	40	41	81	18	3	21	18	6	24	14	7	21	1	0	1	91	57	148

Table B84: MUCE Administrative Staff by Age, Qualification and Gender, 2016/2017

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	3	2	5	0	2	2	1	0	1	0	0	0	0	1	1	0	0	0	4	5	9
31-35	2	1	3	4	2	6	3	2	5	0	0	0	2	2	4	0	0	0	11	7	18
36-40	0	3	3	5	18	23	7	1	8	1	0	1	2	2	4	0	0	0	15	24	39
41-45	2	6	8	6	3	9	6	0	6	0	0	0	3	0	3	0	0	0	17	9	26
46-50	2	0	2	1	1	2	1	2	3	0	0	0	5	1	6	0	0	0	9	4	13
51-55	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
56-60	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9	12	21	16	29	45	18	5	23	1	0	1	12	6	18	1	0	1	57	52	109

Table B85: MUCE Administrative Staff by Age, Qualification and Gender, 2017/2018

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	3	2	5	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
31-35	2	1	3	4	2	6	3	2	5	0	0	0	0	1	1	0	0	0	9	6	15
36-40	0	0	0	5	20	25	8	1	9	1	0	1	2	2	4	0	0	0	16	23	39
41-45	2	6	8	6	3	9	6	0	6	0	0	0	2	2	4	0	0	0	16	11	27
46-50	2	0	2	1	1	2	1	2	3	1	0	1	3	0	3	0	0	0	8	3	11
51-55	0	0	0	0	2	2	1	0	1	0	0	0	5	1	6	0	0	0	6	3	9
56-60	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	7	13	16	31	47	20	5	25	2	0	2	12	6	18	1	0	1	57	49	106

Table B86: MUCE Administrative Staff by Age, Qualification and Gender, 2018/2019

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	3	2	5	2	2	4	1	0	1	0	0	0		1	1	0	0	0	6	5	11
36-40	2	1	3	4	17	21	3	2	5	0	0	0	2	2	4	0	0	0	11	22	33
41-45	2	6	8	6	5	11	8	1	9	1	1	0	2	2	4	0	0	0	19	15	34
46-50	2	2	4	7	3	10	2	2	4	1	1	0	5	1	6	0	0	0	17	9	26

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
51-55	0	0	**0**	2	3	**5**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	0	**2**	**3**	**5**
56-60	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	1	1	2	**1**	**1**	**2**
Over 60	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	0	**0**	**0**	**0**
Total	9	11	20	21	30	51	14	5	19	2	2	4	9	6	15	1	1	2	56	55	111

Table B87: MUCE Administrative Staff by Age, Qualification and Gender, 2019/2020

Age	Certificate			Diploma			Bachelor's			PGD			Master's			PhD			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	**0**	0	2	**2**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	2	**2**
26-30	1	1	**2**	0	1	**1**	2	0	**2**	0	0	**0**	0	0	**0**	0	0	**0**	3	2	**5**
31-35	1	2	**3**	2	4	**6**	1	0	**1**	1	0	**1**	0	2	**2**	0	0	**0**	5	8	**13**
36-40	3	1	**4**	12	10	**22**	3	0	**3**	1	0	**1**	3	1	**4**	0	0	**0**	22	12	**34**
41-45	3	1	**4**	0	6	**6**	7	1	**8**	0	1	**1**	5	0	**5**	0	0	**0**	15	9	**24**
46-50	4	2	**6**	5	0	**5**	2	2	**4**	1	0	**1**	1	0	**1**	0	0	**0**	13	4	**17**
51-55	2	1	**3**	3	0	**3**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	5	1	**6**
56-60	1	0	**1**	0	1	**1**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	1	1	**2**
Over 60	0		**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**	0	0	**0**
Total	15	8	23	22	24	46	15	3	18	3	1	4	9	3	12	0	0	0	64	39	103

Table B88: MUCE Administrative Staff by Age, Qualification and Gender, 2020/2021

Age	Certificate			Diploma			Bachelors			PGD			Masters			Doctorate			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
26-30	0	1	1	0	4	4	2	0	2	0	0	0	0	0	0	0	0	0	2	5	**7**
31-35	1	1	2	2	4	6	4	1	5	0	0	0	0	1	1	0	0	0	7	7	**14**
36-40	2	1	3	2	6	8	6	3	9	2	0	2	2	3	5	0	0	0	14	13	**27**
41-45	2	3	5	0	14	14	9	1	10	0	2	2	3	1	4	0	0	0	14	21	**35**
46-50	6	3	9	5	1	6	8	2	10	0	0	0	5	1	6	0	0	0	24	7	**31**
51-55	2	1	3	2	1	3	0	1	1	0	0	0	1	1	2	0	0	0	5	4	**9**
56-60	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**1**
Over 60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	14	10	24	11	30	41	29	8	37	2	2	4	11	7	18	0	0	0	67	57	124

6.2.4 Research and Publication

Table B89: UDSM's completed and in-progress research projects by College, School and Institute

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	7	11	8	10	16	21
CoET	14	23	19	17	28	22
CoHU	9	10	19	5	14	23
CoICT	8	8	8	6	6	12
CoNAS	14	27	40	46	57	39
CoSS	22	52	75	62	50	38
DUCE	11	15	7	15	35	46
IDS	3	3	2	7	6	3
IKS	0	0	1	1	2	5
IMS	12	11	14	12	12	13
IRA	22	22	15	8	5	5
Library	0	0	1	3	3	0
MCHAS	0	1	0	10	18	12
MUCE	10	11	9	9	21	31
SJMC	0	0	3	6	3	0
SoAF						1
SoED	4	4	6	1	11	10
SoMG						1
UDBS	5	7	6	6	6	12
UDSoEC						0
UDSoL	4	4	0	0	0	0
TOTAL	**145**	**209**	**233**	**224**	**293**	**294**

Table B90: UDSM active journals by College, School and Institute

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	0	0	9	13	16	0
CoET	1	2	2	2	2	1
CoHU	1	5	2	4	3	4
CoICT	0	0	0	0	0	0
CoNAS	1	2	1	1	1	1
CoSS	7	14	5	5	5	4
DUCE	1	2	1	1	1	1
IDS	0	1	1	1	1	1
IKS	3	6	3	3	3	3

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
IMS	0	0	0	0	0	0
IRA	0	0	0	0	0	0
Library	1	2	1	1	1	1
MCHAS	0	0	0	0	0	0
MUCE	0	0	1	1	1	0
SJMC	0	0	0	0	0	0
SoAF						0
SoED	1	2	1	1	1	1
SoMG						0
UDBS	2	4	2	2	2	2
UDSoEC						1
UDSoL	3	6	0	0	0	3
TOTAL	**21**	**46**	**29**	**35**	**37**	**23**

Table B91: Journal articles published by UDSM staff by College, School and Institute

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	16	16	31	29	28	16
CoET	25	11	7	45	53	35
CoHU	21	17	68	48	48	55
CoICT	15	26	6	11	7	25
CoNAS	139	106	92	64	100	206
CoSS	9	4	29	17	20	16
DUCE	17	60	21	40	66	80
IDS	5	6	11	5	10	9
IKS	12	14	19	23	14	5
IMS	8	17	27	22	25	24
IRA	16	27	13	19	6	13
Library	0	0	0	14	16	7
MCHAS	0	0	0	14	10	13
MUCE	13	20	40	45	36	54
SJMC	0	0	1	7	5	2
SoAF						12
SoED	8	10	33	12	14	9
SoMG						1
UDBS	21	18	40	65	30	12
UDSoEC						8
UDSoL	8	2	0	0	0	24
TOTAL	**333**	**354**	**438**	**480**	**488**	**626**

Table B92: UDSM staff conference papers by College, School and Institute

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	1	2	12	20	3	3
CoET	14	10	4	33	6	5
CoHU	17	0	10	33	17	11
CoICT	8	4	27	19	7	7
CoNAS	2	3	33	39	35	10
CoSS	8	4	26	41	5	3
DUCE	5	1	4	17	12	8
IDS	0	0	1	6	6	0
IKS	15	25	25	30	16	5
IMS	78	25	31	15	37	1
IRA	0	0	3	7	3	0
Library	0	0	0	0	1	0
MCHAS	0	0	0	10	18	2
MUCE	0	4	23	15	50	24
SJMC	0	3	3	4	2	0
SoAF						20
SoED	3	5	21	24	3	1
SoMG						0
UDBS	0	4	22	26	28	1
UDSoEC						3
UDSoL	0	4	0	0	0	1
TOTAL	**151**	**94**	**245**	**339**	**249**	**105**

Table B93: Books published by UDSM staff by academic unit

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	0	0	0	0	0	0
CoET	0	0	0	0	0	0
CoHU	0	2	2	2	1	0
CoICT	0	0	0	0	0	0
CoNAS	0	0	0	1	5	0
CoSS	1	2	2	0	1	0
DUCE	2	0	1	0	0	1
IDS	0	0	0	0	2	1
IKS	0	7	0	1	2	2
IMS	0	0	1	1	1	4

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
IRA	0	3	1	1	1	1
Library	0	0	0	0	0	0
MCHAS	0	0	0	0	0	0
MUCE	0	0	1	0	0	0
SJMC	0	0	0	0	0	0
SoAF						2
SoED	1	4	0	0	0	1
SoMG						0
UDBS	1	1	0	0	0	1
UDSoEC						2
UDSoL	1	0	0	0	0	2
TOTAL	**6**	**19**	**8**	**6**	**13**	**17**

Table B94: Book chapters published by UDSM staff by academic unit

Unit	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CoAF	4	1	0	0	0	0
CoET	3	1	0	4	5	0
CoHU	8	1	13	11	17	13
CoICT	1	1	1	2	1	0
CoNAS	1	3	1	0	0	0
CoSS	0	2	3	2		2
DUCE	0	0	3	0	1	4
IDS	1	1	0	1	0	0
IKS	0	2	3	2	1	0
IMS	3	0	2	2	2	0
IRA	0	0	3	12	11	20
Library	0	0	0	2	0	1
MCHAS	0	0	0	0	0	0
MUCE	1	0	2	8	3	11
SJMC	0	0	0	1	0	3
SoAF						1
SoED	3	4		3	2	1
SoMG						0
UDBS	0	3	2	3	3	1
UDSoEC						8
UDSoL	0	0	0	0	0	4
TOTAL	**25**	**19**	**33**	**53**	**46**	**69**

6.2.5 Consultancy

Table B95: UDSM Consultancy Value

Year	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Number of Consultancy Projects	120	134	38	73	145	99
Value (TZS) [1]	6,815,161,878	20,097,321,886	7,079,827,922	4,777,963,141	15,105,320,928	4,193,087,618
Value (USD)	49,429	-	-	-	-	-
USD Value Converted into TZS [2]	108,200,081	-	-	-	-	-
Total Value (TZS) [1 + 2]	**6,923,361,959**	**20,097,321,886**	**7,079,827,922**	**4,777,963,141**	**15,105,320,928**	**4,193,087,618**

Exchange rates:

2015/16: 1USD = 2189.00TZS

6.3 Appendix C: Tables for Financial Resources and Student Accommodation

6.3.1 Budget Performance

Table C1: Overall UDSM Budget Performance

Year	Budget Request (TZS)	Approved Budget (TZS)	Actual Receipt (TZS)	Performance (%)
[1]	[2]	[3]	[4]	(4)/(3)
2015/16	201,660,956,116	197,745,934,161	154,662,369,005	78%
2016/17	320,821,993,403	226,452,583,163	176,789,609,112	78%
2017/18	269,306,529,826	226,804,111,313	158,476,616,522	70%
2018/19	224,289,859,242	231,804,496,787	169,668,181,645	73%
2019/20	259,528,301,933	230,746,389,211	173,192,454,800	75%
2020/21	259,928,203,728	244,733,574,435	187,667,224,050	77%

Table C2: MJNM Campus Budget Performance

Year	Budget Request	Approved Budget	Actual Receipt	Performance
2015/16	165,241,972,421	161,722,952,785	129,713,577,174	80%
2016/17	267,646,343,600	179,302,819,124	134,512,452,153	75%
2017/18	226,669,275,800	191,138,995,944	133,029,129,504	70%
2018/19	183,351,921,816	193,689,778,256	140,767,377,449	73%
2019/20	217,463,471,492	197,149,552,190	149,066,575,155	76%
2020/21	209,953,686,482	201,997,082,920	153,463,681,627	76%

Table C3: DUCE Budget Performance

Year	Budget Request	Approved Budget	Actual Receipt	Performance
2015/16	15,582,386,991	15,186,284,672	12,174,039,830	80%
2016/17	33,291,262,603	27,265,376,839	27,265,376,839	100%
2017/18	32,108,794,207	25,136,655,550	15,406,497,870	61%
2018/19	26,591,918,968	23,768,700,073	19,119,544,220	80%
2019/20	29,014,921,773	20,546,928,353	13,372,291,088	65%
2020/21	29,968,191,803	22,730,166,072	18,429,601,714	81%

Table C4: MUCE Budget Performance

Year	Budget Request	Approved Budget	Actual Receipt	Performance
2015/16	20,836,696,704	20,836,696,704	12,774,752,001	61.3%
2016/17	19,884,387,200	19,884,387,200	15,011,780,120	75.5%
2017/18	10,528,459,819	10,528,459,819	10,040,989,148	95.4%
2018/19	14,346,018,458	14,346,018,458	9,781,259,976	68.2%
2019/20	13,049,908,668	13,049,908,668	10,753,588,557	82.4%
2020/21	20,006,325,443	20,006,325,443	15,773,940,709	78.8%

Table C5: Overall UDSM Internal Income Budget and Receipt

Year	Annual Budget (TZS)	Actual Receipt(TZS)	Performance (%)
[1]	[2]	[3]	[3]/[2]
2015/16	44,489,478,768	37,724,872,213	85%
2016/17	52,591,023,207	44,506,979,366	85%
2017/18	55,182,951,733	44,722,040,557	81%
2018/19	62,660,031,587	61,193,726,495	98%
2019/20	82,781,122,739	58,749,421,767	71%
2020/21	85,284,782,571	64,762,867,259	76%

Table C6: MJNM Campus Internal Income Budget and Receipt

Year	Internal Income Budget	Actual Receipts	Performance
2015/16	33,163,999,185	28,056,385,038	84.6%
2016/17	40,988,214,544	34,221,788,193	83.5%
2017/18	42,555,250,435	32,688,484,147	76.8%
2018/19	47,441,062,579	46,439,807,395	97.9%
2019/20	66,257,605,467	48,039,821,412	72.5%
2020/21	68,548,489,750	50,635,646,863	73.9%

Table C7: DUCE Internal Income Budget and Receipt

Year	Internal Income Budget	Actual Receipts	Performance
2015/16	12,221,716,637	10,177,633,851	83.3%
2016/17	18,591,826,300	15,116,214,611	81.3%
2017/18	7,251,849,298	6,143,376,931	84.7%
2018/19	8,158,771,408	7,997,721,504	98.0%

Year	Internal Income Budget	Actual Receipts	Performance
2019/20	7,362,348,272	3,396,301,934	46.1%
2020/21	7,456,851,001	7,280,477,419	97.6%

Table C8: MUCE Internal Income Budget and Receipt

Year	Internal Income Budget	Actual Receipts	Performance
2015/16	4,329,411,000	4,274,838,635	98.7%
2016/17	5,232,699,000	5,346,610,413	102.2%
2017/18	5,375,852,000	5,890,179,479	109.6%
2018/19	7,060,197,600	6,756,197,596	95.7%
2019/20	9,161,169,000	7,313,298,421	79.8%
2020/21	9,279,441,820	6,846,742,977	73.8%

6.3.2 Students' Accommodation

Table C9: UDSM Accommodation Capacity, Enrolment, Occupancy, Accommodation Capacity vs. Enrolment and Occupancy, 2020/2021

Campus	Accommodation Capacity	Enrolment	Occupancy	Capacity Vs Enrolment
[1]	[2]	[3]	[4]	[2]/[3]x100
MJKNMC	11,626	28,132	10,798	41%
DUCE	1018	5395	425	19%
MUCE	1,147	5507	1,111	21%
Total	**13,791**	**39,034**	**12,334**	**35%**

Source: Dean of Students – **MJKN Mlimani Campus, DUCE and MUCE**

Table C10: MJKN Mlimani Campus Accommodation Capacity and Occupancy, 2020/2021

Name (Hostel/Hall)	Capacity	Occupancy
CoICT Hostels	240	236
Dr. J.P.J. Magufuli Hostels	3840	3816
Hall One	512	512
Hall Two	400	0
Hall Three (Judge Julie Manning)	494	494
Hall Four	279	279
Hall Five	400	0
Hall Six	359	359
Hall Seven	304	304
Kunduchi Hostel	66	66
Mabibo Hostel	4298	4298
Mikocheni Hostels	54	54
Ubungo Hostels	108	108
UDSM-IMS Hostels	56	56
UDSM-MCHAS Hostels	200	200
Water Resources PG Apartments	16	16
Total	**11,626**	**10,798**

Source: Dean of Students – MJKN Mlimani Campus

Table C11: DUCE Accommodation Capacity and Occupancy, 2020/2021

Name (Hostel/Hall)	Capacity	Occupancy
On-Campus	298	238
Off-Campus (Mbagala)	720	187
Total	**1,018**	**425**

Source: Dean of Students –**DUCE**

Table C12: MUCE Accommodation Capacity and Occupancy, 2020/2021

Name (Hostel/Hall)	Capacity	Occupancy
Hall One	154	154
Hall Two	154	154
Hall Three	154	150
Hall Four	154	152
Hall Five	151	147
Hall Six	380	354
Total	**1,147**	**1,111**

Source: Dean of Students – **MUCE**