

COMPUTER SECTION

Deputy Director & Head	...	Dr. Thidar Maw BSc(Hons)(Zoology), MSc(Zoology)(YU), MSc(Computer Science)(YU), PhD(Computer Science)(YU), HGP, Dip. in Web Publishing and Designing (India)
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Research Officer	...	Daw Phyu Phyu Htun BSc(Chemistry)(YU)
	...	Daw Than Myat Htay BA(Philosophy)(WC) (attached to Laboratory Animal Services Division)
Research Assistant (2)	...	Daw Win Win Mar BA(Economics)(UDE), PGDCA(YU)
Research Assistant (3)	...	Daw Nwe Nwe Khine BA(Myanmarsar) (Mawlamyaing University)
Laboratory Worker	...	Daw Khine Khine Win

Computer section mainly focuses in dissemination of up-to-date information technology, computer hardware and software installation, management of troubleshooting computer problems, compiling research findings and information from Myanmar Health Research Congress (MHRC), specific services such as data management, slide show presentation and desktop publication of research divisions, updating DMR website and initiating the network system.

SERVICES PROVIDED

1. RESEARCH CAPACITY STRENGTHENING

1.1. ROUTINE SERVICES

1.1.1. Data management and statistical analysis

Data management and statistical analysis with software such as MS Excel, SPSS and Epi Info were performed for 4 requested jobs using 27 machine-hours and 59 man-hours. SPSS and Epi-info softwares and it's manuals are also provided.

1.1.2. Graphic design and powerpoint preparation

The computer section made powerpoint presentation files for scientific talks and meetings held at DMR. The staff of the section utilized 24.5 machine-hours and man-hours for 10 requested powerpoint jobs.

1.1.3. Word processing and secretarial services

Word processing was conducted for DMR Annual Report (2015), List of Research/Service Programmes and projects for 2016 (DMR Headquarters), 45th Myanmar Health Research Congress Programme and Abstract Book. Administrative effort such as DMR profile, DMR Quarterly Reports, tender list of chemicals for laboratories with office equipments, etc. were done by word processing and powerpoint files. Word processing service was provided for 30 various research jobs and ad-hoc jobs using 211.5 machine-hours and 250.5 man-hours.

1.1.4. System maintenance, software installation, updating and trouble shooting

- Hardware maintenance of 17 computers from other divisions, and installation of Windows Operating System 7 and 8 with MS office suite were done.
- Detecting and cleaning computer virus, spy ware and computer worm with updated antivirus software such as Smad V2016 and AVG 2016 were done.
- Myanmar Unicode 1,2,3 fonts were installed for research divisions as required.
- Some application programs such as drivers for computer's peripherals (printer, scanner etc.) downloaded from internet.

1.1.5. Updating DMR Manpower Database

Data entry was done using MS Excel by Myanmar Unicode font. To make Staff ID Card (smart card) updated data with photographs were retrieved from the Database.

1.1.6. Documentation and provision of computer facilities at Myanmar Health Research Congress (MHRC), Workshops, Symposia and other academic sessions

Myanmar Health Research Congress programmes with abstracts, powerpoint presentations of paper reading sessions, symposia and award winners list were compiled and recorded as a documentation. Abstracts of 103 research papers and 56 posters included in Programme and Abstract book of 45th Myanmar Health Research Congress were formatted. The staff assisted in powerpoint show for paper reading session, 11 scientific symposia and 1 scientific talk being held during 45th MHRC.

Except MHRC, there are 5 workshops, 14 scientific talks, 25 ethical reviews and 3 in-house short training courses were held at the department. The computer section was responsible for computer aided projector shows in protocol reviews, scientific talks, workshops and in-house trainings conducted by DMR and other institutions.

1.1.7. Information technology development

Information technology was developed by holding workshops, trainings and symposia such as GIS workshop, video conferencing using Polycon software and etc.

Updating and troubleshooting of DMR Local Area Network system (10 MHz) and AMRC Wifi Network (2.5 MHz) were done. Video Conferencing between DMR (head office) and DMR (Pyin Oo Lwin branch) was now under way.

Data updating of DMR Website such as e-newsletter and bulletin was done once a month and it is launched by <http://www.dmrlm.gov.mm>.

COMPUTER SECTION (POL)

Research Officer & Acting Head	...	U Than Myat Soe BSc(Hons), MSc(Zoology) (Monywa University)
Research Assistant (2)	...	Daw Thidar Win BSc(Zoology)(UDE), DipIT (NCHRD)
	...	Daw Thidar Aye BA(Economics)(UDE), DipIT (NCHRD)
Research Assistant (3)	...	Daw Yin Yin Htwe BA(Economics)(UDE), DipIT (NCHRD)
Research Assistant (4)	...	U Soe Htet BSc(Physics)(UDE)

Computer division mainly serves word processing and storing of research findings and information from knowledge sharing programme. It has provided services such as power point presentation, hardware and software installation as requested by other research divisions.

SERVICES PROVIDED

1. RESEARCH CAPACITY STRENGTHENING

1.1 ROUTINE SERVICES

1.1.1 Power point preparation

The Computer Section involved in preparing Power Point presentation for VIP trips, scientific visits, meetings and workshops.

1.1.2 Word processing and secretarial services

Word processing service was conducted for Annual Report (2015) and Future Programme (2016) of DMR (POL). Moreover, it was provided to Administrative Division and Finance Section.

1.1.3 System maintenance and software installing, trouble shooting

- (1) Detecting and cleaning computer virus, spy ware and computer worm with updated antivirus software.
- (2) Myanmar Unicode fonts version 2, 3 and Classic fonts were installed for research divisions as required.
- (3) Hardware maintenance and reinstallation of Operating System (Windows XP, Windows 7 with MS office etc.) due to computer virus.

1.1.4 Updating and keeping DMR (POL) Manpower Database

Manpower Database of DMR (POL) was updated with Myanmar Unicode 3 font according to Ministry of Health and Sports format and securely kept.

1.1.5 Provision of computer facilities at workshops, meetings, knowledge sharing programme and other academic sessions

Staff of Computer Section involved in preparation of paper documents which was served for attendance registrations, name plates, invitations of workshops, trainings and ceremonies of DMR (POL). Furthermore, compact disc (CD) preparation was provided in workshops, trainings and knowledge sharing programme. The Computer section is responsible to aid the projector showing and computer using in presentations.

1.1.6 Information technology and dissemination

The Computer Section has started establishment of DMR (UM) website (<http://www.dmr-um.gov.mm>) since July 15, 2014. Website uploading was carried out for up-to-date news and events from DMR (POL).

1.2 SPECIAL SERVICES

1.2.1 Photographic Service

Photographic works have been carried out for workshops, meetings and social activities held in DMR (POL).

1.2.2 Data entry service

Two staff of Computer Section, DMR (POL) involved in data entry and compilation of National Health Planning (2016-2021) under Ministry of Health and Sports from 24th September, 2016 to 14th October, 2016.