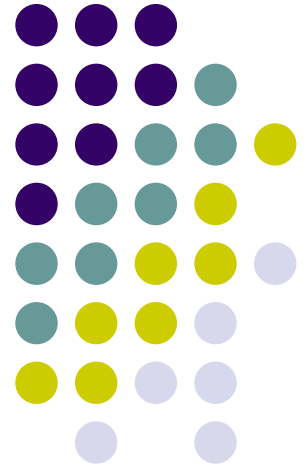


MONGOLIAN STATE UNIVERSITY OF AGRICULTURE



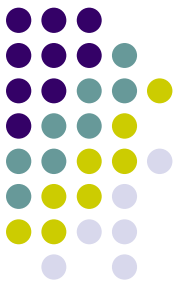
MONGOLIAN STATE UNIVERSITY OF AGRICULTURE (MSUA)



Outline:

1. History and organization chart
2. Mission
3. Activities
5. Schools and institutes
6. Research and training centers
7. Our students
8. Human resource
9. Finance and tuition fees
10. International cooperation and programs
11. Joint projects
12. Specializations and research areas

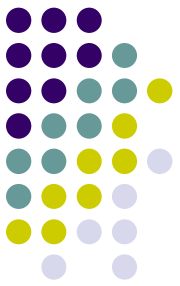




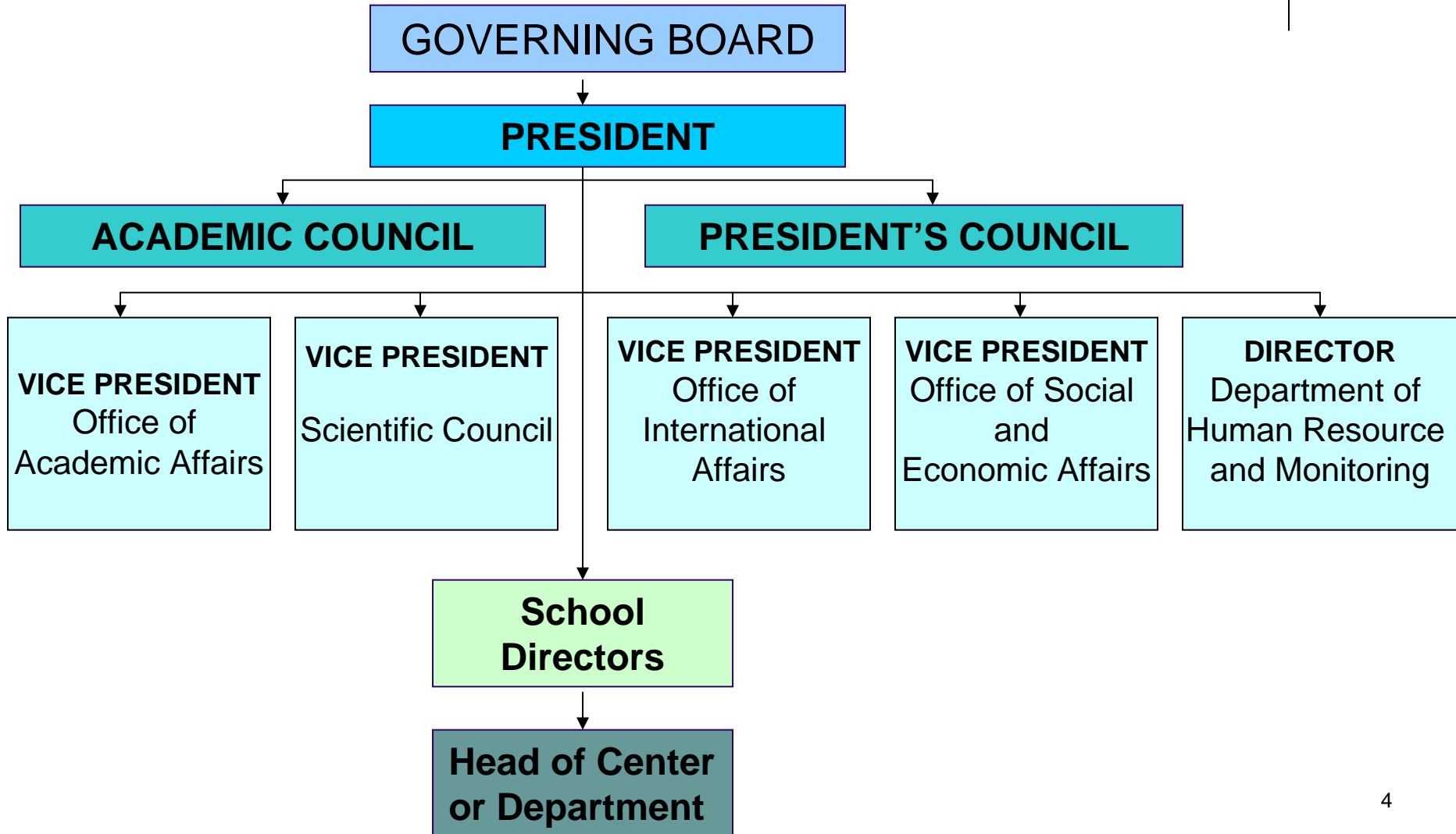
History

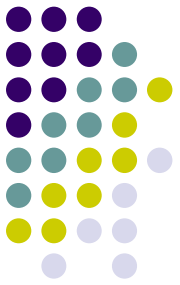
- 1942 Foundation “**Faculty of Veterinary**” under National University of Mongolia
- 1958 Independence - “**Institute of Agriculture**”
- 1990 Restructuring - “**Agricultural University**”
- 1993 Recognition - “**Mongolian State University of Agriculture**”, integrating colleges and research institutes
- 2001 Structural changes **7 schools, 4 branch schools, 4 research institutes and research and training centers**
- 2004 Foundation **Graduate School**

- 1999 First state accreditation for 4 years**
- 2004: Second state accreditation for 10 years**



Organization Chart





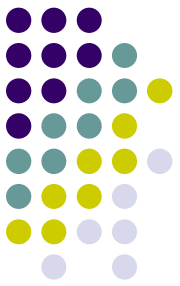
MSUA's mission

- **Maintain the lead position in academic education, modern research and technology advancement in the priority fields of rural development in Mongolia.**
 - science
 - education
 - service to society



Activities

- **Train specialists** with university level education through incremental training for diploma, undergraduate and graduate level;
- **Conduct research and technology advancement studies** relating to key issues of rural development, ecology and agricultural production;
- Offer **specialized training** on technical and professional aspects for rural producers and business people and **conducting extension** based activities for technology transfer and introduction of modern scientific achievements.



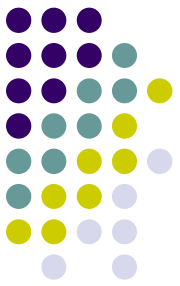
Schools

- **8 schools, 36 departments**
 - School of Veterinary Medicine and Biotechnology
 - School of Biological Resource and Management
 - School of Agrobiology
 - School of Engineering
 - School of Economics and Business
 - School of Ecology, Technology and Development
 - School of Natural Science
 - Graduate School



Branch schools

- **Branch schools (4)**
 - Orkhon aimag's Branch School
 - Darkhan-Uul aimag's Research and Training Institute of Plant Science and Agriculture
 - Dornod aimag's Branch School
 - Khovd aimag's Branch School

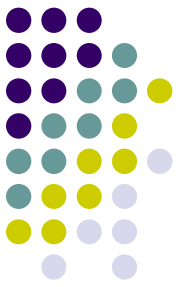


Research Institutes

Research Institutes (4)

1. Institute of Veterinary Medicine
2. Research Institute of Animal Husbandry
 - Research Laboratory in Arkhangai aimag
 - Gobi region's Research Laboratory in Umnugobi aimag
3. Plant Protection Institute
4. Darkhan-Uul aimag's Research and Training Institute of Plant Science and Agriculture
 - Research Laboratory in Dornod aimag
 - Agricultural Research Laboratory in Uvs aimag

Research and Training centers



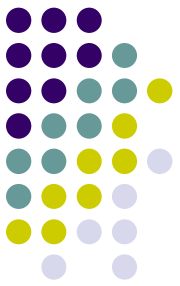
- **Ecosystem Studies Center**
- **Training and research center “Nart-1”**
(142 hectare experimental land area, housing for 300 students)
- **Training and research center “Nart-2”**
(35 hectare area, housing for 80 students)
- **Central Agropark in Ulaanbaatar**
- **Animal husbandry (1500 head of livestock)**
- **Research and production center of bee keeping in Batsumber soum, Tuv aimag**



Students

- **Undergraduate students – 7,063 (in UB campus)**
 - of which female – 4122
- **Graduate students – 1,045**
 - of which female - 673
- **International students-33**
 - Undergraduate -15
 - Graduate – 15
 - Mongolian language preparatory course -3
- **3 dormitories**
(1 of which for International students)

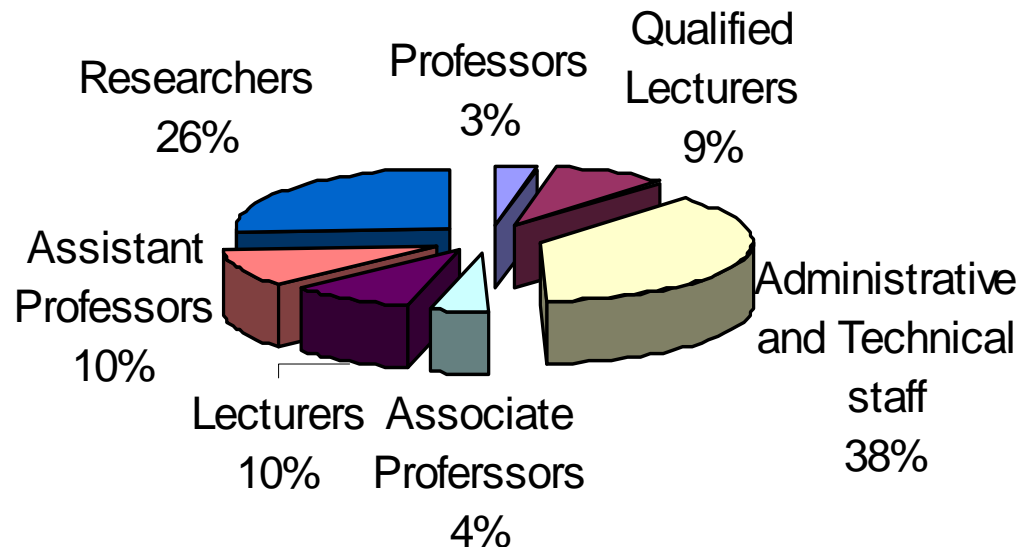


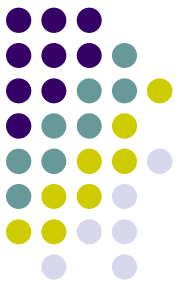


Human Resource

Total staff – 893 (including research institutes)

- Academic & administrative staff - 525
 - of which academic-325
- Staff of Research Institutes – 368
 - of which researchers - 234



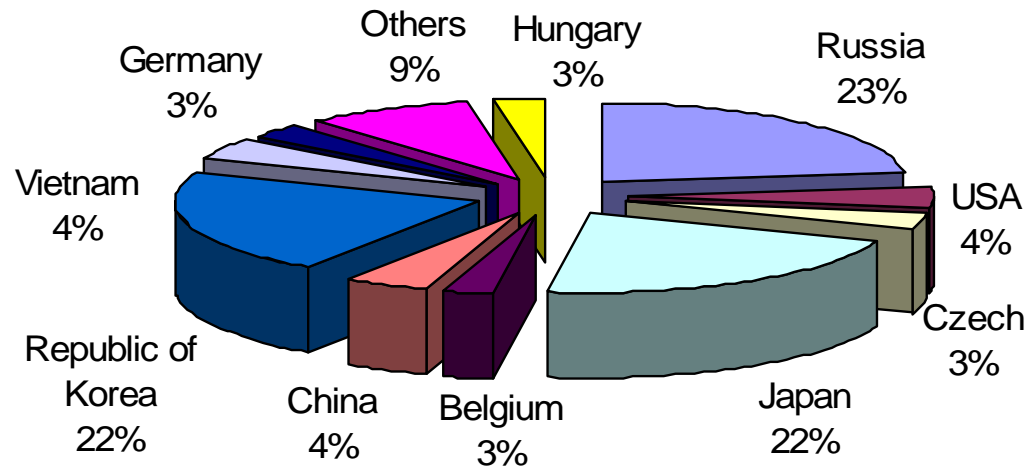


International Cooperation

Bilateral agreements (70)

1. Russia	17
2. Japan	15
3. Republic of Korea	15
4. Vietnam	3
5. China	3
6. Hungary	2
7. Czech	2
8. Germany	2
9. Belgium	2
10. USA	3
11. Austria	1
12. Poland	1
13. Canada	1
14. Peru	1
15. Turkey	1
16. The Netherlands	1

Bilateral Agreements By Countries

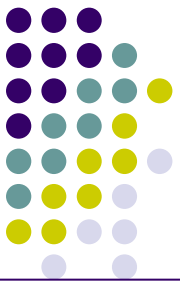




International programs

International Dual degree programs (6)

- Bachelors program 2+2 with Chonbuk National University, Republic of Korea
- Bachelors program 4+1 with Moscow Academy of Veterinary Medicine and Biotechnology, Russia
- Bachelors program 2+2 and 1+3 with Novosibirsk State Agrarian University, Russia
- Bachelors program 2+2 and 1+3 with Agrarian University of Kemerova
- Bachelors program 2+2 and 2+3 with Irkutsk Academy of Agriculture
- Bachelors program 3+1 and 4+1, Masters program 1+1, Doctors program 2+1 with Inner Mongolian Agricultural University, China



Joint projects (9)

- Sustainable Livestock Development (2004-2007), EU TEMPUS CD Program, France
- Training for Rural Development (2004-2009), CIDA, Canada
- Higher Education in Agricultural Economics (2005-2007) , EU TEMPUS CD Program, The Netherlands
- Desertification Control and Restoration of Ecosystem Services in Grassland Regions of North-East Asia (2007-2010), The University of Tokyo, Japan
- Self-reliance Support Type Study for Countermeasures on Dust and Sandstorm Source Area (2005-2008), J-Green, Japan
- Development of a Sustainable Agro-Pastoral System in Semi-Arid Areas of Mongolia (2006-2010), JIRCAS, Japan
- Training and research for improvement of agricultural production (2004-2008), Tokyo University of Agriculture, Japan
- Improving cattle, camel and yak productivity through integrated approaches of enhancing nutrition reproductive efficiency and health (2007-2008), IAEA
- Strengthening Early Warning for Transboundary Animal Disease Diagnosis (2006-2007), FAO

School of Veterinary Medicine and Biotechnology



Fields of study

- **Undergraduate and graduate:**
 1. Veterinary Medicine
 2. Domestic and Small Animal Diseases
 3. Veterinary Sanitation and Hygienic Inspection
 4. Veterinary Pharmacy

Research Areas:

- Immunologic and Morphologic study of animal
- Biology, Physiology and Resistance of Mongolian Livestock
- Pathology, diagnosis, Surgery and Reproduction Study
- Study of raw materials for medicines and Technology of pharmaceuticals
- Improvement of diagnosis of Infectious and Parasitic Diseases

School of Biological Resource and Management



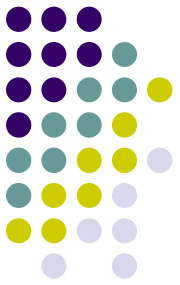
Fields of study

- **Undergraduate and graduate:**
 1. Agricultural Biotechnology
 2. Commodity Study
 3. Meat and Milk Production Technology
 4. Study of Pasture and Feeding Stuff
 5. Technology of Animal Husbandry Production
 6. Hunting Biology
 7. Management of Animal Husbandry Production

Research Areas:

- Livestock breeding and selection
- The methods and technology on increasing resource of feed, improving digestion and estimating
- “Selenge” beef cattle, which are bred and raised for meat
- Increasing of “Tamir” sheep meat production and the number of breeding herd

School of Engineering



Fields of Study

- **Undergraduate:**
 1. Mechanical Engineer
 2. Agricultural Machinery
 3. Engineer-Management
 4. Engineering Study
 5. Technology of National Producing
 6. Electric Supply
 7. Physical Metallurgy
- **Masters:**
 1. Mechanical Engineer
 2. Electrical Engineer
 3. Engineer-teacher
- **Doctors:**
 - Mechanical Engineer

Research Areas:

- Tribology
- Designing and Manufacturing Technology for simple agricultural machinery
- Designing and manufacturing farming equipments
- Network of agricultural machinery service system
- Technical and technological renewation of agricultural machinery for sustainable agriculture

School of Agrobiography



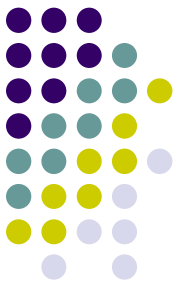
Fields of Study

- **Undergraduate:**
 1. Agronomy
 2. Selection and Seed Science
 3. Plant Gene Engineering
 4. Soil Science-Agrochemistry
 5. Land Cadastre
 6. Landscape Architecture
 7. Land Management
 8. Forestry
- **Graduate:**
 1. Plant and Crop Production
 2. Land Management

Research Areas:

- Research on chemical, biological and physical factors improving prolificacy of soil
- Biological study influencing microorganisms of soil and nitrogen-fixing
- Biological and Agro technical study on improving growth, development and yield of crop
- Breeding and selection of crops

School of Economics and Business



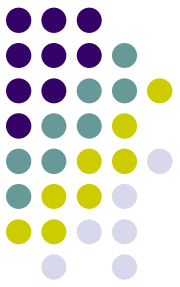
Fields of Study

- **Undergraduate:**
 1. Business Economics
 2. Accounting
 3. Economics and Management
 4. Cybernetics
 5. Marketing
 6. Statistics
- **Masters:**
 1. Business Management
 2. Agricultural Economics
 3. Financing
 4. Information Technology
 5. Marketing
 6. Statistics
- **Doctors:**
 1. Business Administration, Marketing
 2. Agricultural Economics

Research Areas:

- Economics of Livestock and Crop sectors and their efficiency and Risk analyses
- Sustainable development of Animal husbandry
- Competitiveness and marketing of Agricultural Products
- Economics, Management and marketing of Herder's Households and farms
- Rural development and Agricultural policy analysis
- Poverty and Livelihood of Rural People
- Index based Livestock insurance

School of Ecology, Technology and Development



Fields of Study

- **Undergraduate:**

1. Inspection of Quality, Hygiene and Safety of Agricultural Products
2. Ecology and Nature Conservation
3. Nature and Environment Assessment
4. Livestock Farming Technologist and Manager
5. Crop Farming Technologist and manager
6. Fish Farming Technologist

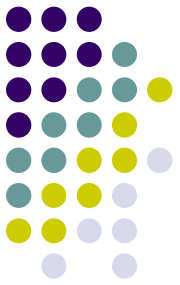
- **Graduate:**

1. Monitoring and Assessment, Quality, Hygiene, Sanitary and Safety of Agricultural Products
2. Monitoring and Assessment of Ecology and Nature Conservation
3. Technology of Livestock and Crop Farming /including Fishery/

Research Areas:

- Research on Mongolian Nomadic livestock
- Investigation of Animal hygiene, biology of reproduction and etology
- Microbiological exploration
- Quality, safety and assessment of agroproducts
- Hygiene and sanitation of animal and crop products
- Nature and environment assessment
- Ecological exploration
- Technology of crop and cultivation
- Chemical technology of products and fishery

School of Natural Sciences



Fields of Study

- **Undergraduate:**

1. Eco-tourism management
2. Geography-tourism
3. Plant resources and bio-production
4. Chemistry and Technology of Food and Agricultural Products
5. Mathematics and Soft-ware

- **Graduate:**

1. Eco-tourism management
2. Chemistry and Technology of Food and Agricultural Products

Research Areas:

- Natural rangeland restoration and rehabilitation
- Chemistry and technology of livestock production
- Environmental Pollution of National Parks
- Eco-tourism management

Institute of Veterinary Medicine



Research areas:

- Developing scientific basis of diagnostic, preventive and curative measures of animal infectious diseases
- Development and transfer of technology for biological preparations and productions and commercialization of drugs

Research Institute of Animal Husbandry



The RIAH includes:

- Department of Animal Husbandry
- Department of Livestock fodder and Pasture
- Central Research Laboratory (consists of 12 laboratories).
- Information Centre
- Research Library

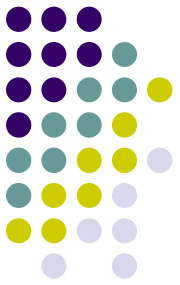
Branches:

- **Branch in Gobi Region (Bulgan soum, Umnugobi aimag)**
 - Breeding & selection of fibre goats named “Gobi Gurvan Saikhan”
 - Estimating of nutritive value for pasture plants in Gobi region
- **Branch in High - mountain region (Ikhtamir soum, Arkhangai aimag)**
 - Breeding & reproduction technology for yak husbandry in High Mountain zone
 - Estimating of nutritive value for pasture plants in Khangai region

Research areas:

- the selection of superior breeding animals for nuclear herds and flocks, breeding animal recording and identification, development of information systems in breeding, nutrition, herd management and fodder supply the nuclear herds and flocks
- working out the technology for annual and perennial plant seed multiplication;
- the improvement of pasture management and fodder production;
- animal and crop gene plasma.

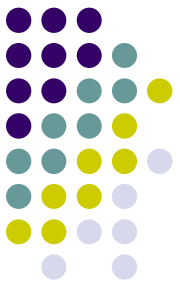
Plant Protection Institute



Research Areas:

- Plant pests and their distribution and infection investigation
- Working out assessment measures, advanced technologies and put them into practice
- Testing and experimenting herbicides, fungicides and insecticides

Darkhan-Uul aimag's Research and Training Institute of Plant Science and Agriculture



Research Units:

- 5 sectors and 5 laboratories, providing research in crop production and producing seeds and seedlings

Research area:

- Crop breeding
- Potato selection and breeding method of new crops
- Fruit variety test
- Producing acclimatized elite variety of crop
- Combating soil erosion

Training units:

- 5 departments, offering undergraduate and graduate programs in 17 professional fields, such as crop production, hydrometeorology, agricultural economics and accounting

Contact address:

**International Affairs Office,
MSUA**

**Administration Building,
Ulaanbaatar- 210153,**

MONGOLIA

P.O.BOX -53/1

Phone: +976 11 341153

Fax: +976 11 341153

+976 11 341770

**E-mail: infotech@magicnet.mn
haaint@magicnet.mn**



**Prosperity for
and
mutual benefits
from
our cooperation!**

