



DEPARTMENT OF BOTANY
MORIGAON COLLEGE
MORIGAON, ASSAM
PIN- 782105

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REPORT

Skill Development Workshop on 'AI- Enabled Advance Aquaponics System'

Organized by: IIT Guwahati In Association with Department of Botany, Morigaon College & Madhya Assam Krishi and Krishi Udyog Bikas Samiti

Date: 21 and 22 November 2024

Venue: New Conference Hall, Morigaon College

Resource Persons: Dr. Utpal Kumar Das, Assistant Professor, College of Fisheries, Raha, Nagaon

Topic: Pisciculture

Resource Person: Dr. Niranjana Deka, Principal Scientist and Head, Krishi Vigyan Kendra (KVK), Nagaon

Topic: Organic fertilizer and pesticides

Resource Person: Dr. Anamika Yadav, Project Supervisor, IIT Guwahati

Topic: Cow feed production Technique

No. of Participants: 61

A two day skill development workshop on 'AI- Enabled Advance Aquaponics System' under the DST sponsored project titled "AI enabled advanced aquaponics ecosystem for the self-reliance of SC community in central and lower Assam" was organized by IIT Guwahati In Association with Department of Botany, Morigaon College & Madhya Assam Krishi and Krishi Udyog Bikas Samiti at Morigaon College on 21 and 22 November 2024. A total of 148 participants registered for the programme which included farmers of villages of Morigaon and students of department of Botany (Major and Minor). Resource persons shared their expertise on various topics during both the day of the workshop. The workshop ended with certificate distribution to all the participants present in the programme.

Outcomes:

1. Farmers and Students were made aware of the advance practices such as aquaponics that have been considered as the future of agriculture.
2. Participants had the opportunity to interact with resource persons of College of Fisheries and KVK, Nagaon who have been contributing to research and development of different farming practices in Assam.
3. Participants were made aware of various opportunities and schemes that the government is providing from different resistant crop species to machines that can be used in farming.
4. Students were encouraged towards the benefits of farming practices and the prospects of considering agriculture as their livelihood in today's modern world.

Head
Department of Botany
Morigaon College
Date:



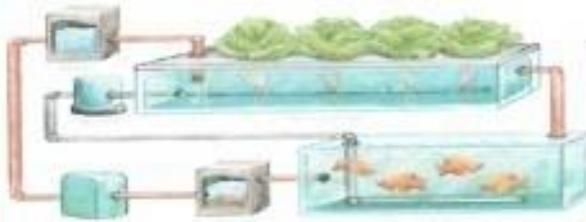
উন্নত প্রযুক্তিৰ একুৱাপনিক্সৰ ওপৰত
দুদিনীয়া কৰ্মশালা



Skill Development Workshop on
AI-ENABLED ADVANCE AQUAPONICS SYSTEM

under the DST sponsored project entitled "AI-enabled advanced aquaponics ecosystem for the self-reliance of SC community in central and lower Assam"

Organised by: **IIT GUWAHATI** IN ASSOCIATION WITH **DEPT. OF BOTANY, MORIGAON COLLEGE & MADHYA ASSAM KRISHI AND KRISHI UDYOG BIKAS SAMITI**



Date : 21-22 November 2024
Venue: Morigaon College
District: Morigaon-782105, Assam
Contact person: Dr. Anamika Yadav
7987178532



Morigaon, Assam, India
7935+V7G, Morigaon, Assam 782105, India
Lat 26.2547°
Long 92.358582°
21/11/24 11:53 AM GMT +05:30

Google

GPS Map Camera



| Sl.No. | Name | DOB | Age | Gender | Category | Phone Number |
|--------|-------------------------|------------|-----|--------|----------|--------------|
| 1 | Manta Mazumdar | 02-02-1973 | 51 | Male | General | 8472865210 |
| 2 | Bhaswati Kalita | 04-11-2008 | 16 | Female | SC | 6001028875 |
| 3 | Bipad Paul | 31-01-1973 | 51 | Female | General | 6003925553 |
| 4 | Hemanta Bordoloi | 01-01-1976 | 48 | Female | ST | 9706749575 |
| 5 | Sanjay Krishna Bhuyan | 08-11-1988 | 36 | Male | General | 8486699834 |
| 6 | Raju Deka | 05-02-1985 | 39 | Male | OBC | |
| 7 | Ranima Dewri | 31-12-1983 | 40 | Female | ST | 9101333406 |
| 8 | Priyanka Dewri | 02-10-1992 | 32 | Female | ST | 7002947420 |
| 9 | Gitanjali Dewri | 01-01-1980 | 44 | Female | ST | 8638908045 |
| 10 | Gopal Ch.Sarkar | 01-07-1955 | 69 | Male | SC | 9957007522 |
| 11 | Fuleshwari Bora | 01-10-1975 | 49 | Female | General | 8472850101 |
| 12 | Biren Deka | 01-03-1978 | 46 | Male | OBC | 7896290059 |
| 13 | Nitai Ray | 01-10-1980 | 44 | Male | SC | 7577851719 |
| 14 | Subal Debnath | 07-07-1980 | 44 | Male | OBC | 9707652662 |
| 15 | Mithun Bora | 08-02-1988 | 36 | Male | OBC | 8811803207 |
| 16 | Bhaben Sarkar | 25-10-1968 | 56 | Male | SC | 9706515630 |
| 17 | Bhim Debnath | 11-05-1987 | 37 | Male | OBC | 7577008341 |
| 18 | Pranab Kumar Deka | 02-08-1982 | 42 | Male | OBC | 9859285550 |
| 19 | Gagan Deka | 01-10-1972 | 52 | Male | OBC | 9365827549 |
| 20 | Tilottama Bora | 18-04-1995 | 29 | Female | General | 7576812179 |
| 21 | Dimpal Deka | 01-08-1993 | 31 | Female | OBC | 9365561639 |
| 22 | Ajit Kumar Biswas | 31-10-1985 | 39 | Male | SC | 8011100404 |
| 23 | Manik Biswas | 31-01-1994 | 30 | Male | SC | 8751065838 |
| 24 | Arun Kalita | 01-01-1960 | 64 | Male | OBC | 9395078455 |
| 25 | Purabi Deka | 20-06-1978 | 46 | Female | OBC | 6003636163 |
| 26 | Biraj Kumar Patar | 31-12-1984 | 39 | Male | ST | 6900962064 |
| 27 | Tulsi Deka | 01-01-1967 | 57 | Male | OBC | 8749966561 |
| 28 | Upen Kalita | 31-12-1973 | 50 | Male | General | 6001059577 |
| 29 | Nilakanta Deka | 01-03-1986 | 38 | Male | OBC | 9577038984 |
| 30 | Tutu Deka | 12-10-1988 | 36 | Male | OBC | 6001253059 |
| 31 | Jitu Patar | 02-01-1990 | 34 | Male | ST | 6901441351 |
| 32 | Gopal Kalita | 02-03-1974 | 50 | Male | General | 7670016987 |
| 33 | Pranjal Basumatary | 01-01-1970 | 54 | Male | General | 9395484714 |
| 34 | Dipak Deka | 04-03-1973 | 51 | Male | OBC | 6900613913 |
| 35 | Sambhuram Kalita | 31-12-1970 | 53 | Male | General | 9854460760 |
| 36 | Dharmendra Bora | 22-10-1989 | 35 | Male | OBC | 6000968610 |
| 37 | Pallab Deka | 03-05-1994 | 30 | Male | OBC | 9387689075 |
| 38 | Chandan Kumar Rajbonshi | 30-05-1973 | 51 | Male | OBC | 8472949210 |
| 39 | Tarab Ali | 02-06-1984 | 40 | Male | General | 8403963604 |
| 40 | Dilip Sarkar | 02-09-1990 | 34 | Male | SC | 8724018624 |
| 41 | Dipti Medhi | 27-02-1981 | 43 | Female | General | 9706533594 |
| 42 | Robin Borah | 25-01-1975 | 49 | Male | OBC | 8638579661 |
| 43 | Rupchan Tarafdar | 01-06-1979 | 45 | Male | General | 9678673413 |
| 44 | Nikutpal Sarma | 26-04-2005 | 19 | Male | General | 6002844127 |
| 45 | Kabindra Raj Saikia | 24-11-1992 | 32 | Male | SC | 9127230660 |
| 46 | Pampi Baruah | 07-11-1996 | 28 | Female | General | 9395339069 |
| 47 | Bishal Biswas | 15-12-2004 | 19 | Male | SC | 6901555270 |
| 48 | Amal Basumatari | 27-05-2003 | 21 | Male | ST | 7099470075 |
| 49 | Hirok Jyoti Nath | 14-11-2003 | 21 | Male | OBC | 8638810586 |

| | | | | | | |
|----|-----------------------|------------|----|--------|---------|------------|
| 50 | Parash Bordoloi | 12-03-2004 | 20 | Male | ST | 7099747922 |
| 51 | Rjen Bora | 16-04-2004 | 20 | Male | General | 8822180951 |
| 52 | Gouree Shankar Kakati | 01-10-2003 | 21 | Male | OBC | 9954178433 |
| 53 | Md. Aftar Ali | 24-09-2004 | 20 | Male | General | 6901748976 |
| 54 | Bedanta Bikash Bora | 21-11-2002 | 22 | Male | MOBC | 6901757343 |
| 55 | Lakhyajit Deka | 26-10-2004 | 20 | Male | OBC | 9395328301 |
| 56 | Barasha Deka | 20-07-2005 | 19 | Female | OBC | 9954828732 |
| 57 | Dikshita Bangthai | 29-01-2005 | 19 | Female | ST | 8638420586 |
| 58 | Rinti Dekaraja | 28-11-2004 | 19 | Female | ST | 7635885704 |
| 59 | Julfikar Alam | 08-09-1998 | 26 | Male | General | 9074695696 |
| 60 | Nilutpal Patar | 29-04-2005 | 19 | Male | ST | 8473969613 |
| 61 | Krishna Priya Deka | 14-01-2005 | 19 | Female | OBC | 9101213104 |
| 62 | Neina Dewri | 14-05-2005 | 19 | Female | ST | 8453129264 |
| 63 | Lalita Mandal | 07-10-2004 | 20 | Female | SC | 9365456052 |
| 64 | Priyanka Kakati | 09-03-2004 | 20 | Female | General | 9395022595 |
| 65 | Dipamoni Deka | 09-10-2004 | 20 | Female | OBC | 9395502860 |
| 66 | Ritika Paul | 29-11-2004 | 19 | Female | OBC | 6003247875 |
| 67 | Anshu Rani | 29-05-2004 | 20 | Female | OBC | 6001936589 |
| 68 | Himakhi Bora | 01-01-1984 | 40 | Female | General | 8724865667 |
| 69 | Sunil Kumar Sarkar | 31-12-1981 | 42 | Male | SC | 9401025880 |
| 70 | Sarat Chandra Kakati | 01-09-1956 | 68 | Male | General | 8721930552 |
| 71 | Upen Chandra Deka | 24-12-1948 | 75 | Male | OBC | 9957148656 |
| 72 | Pinku Chaliba | 05-02-1984 | 40 | Male | General | 9365823644 |
| 73 | Mintu Bora | 09-10-1976 | 48 | Male | General | 9954786139 |
| 74 | Dilip Kumar Deka | 01-11-1961 | 63 | Male | OBC | 9365474685 |
| 75 | Risma Jyoti Nath | 01-03-2005 | 19 | Female | OBC | 8822621758 |
| 76 | Kabyashree Medhi | 07-12-2004 | 19 | Female | OBC | 7099809818 |
| 77 | Himashri Hukai | 10-01-2004 | 20 | Female | ST | 7399537055 |
| 78 | Kiran Bordoloi | 31-03-1971 | 53 | Female | ST | 9864494826 |
| 79 | Pranami Bordoloi | 04-02-2003 | 21 | Female | ST | 8822653497 |
| 80 | Kabita Kalita | 01-07-1980 | 44 | Female | General | 9678843852 |
| 81 | Juri Samah | 28-02-1972 | 52 | Female | General | 8486840284 |
| 82 | Murshida Khatun | 01-01-2005 | 19 | Female | General | 6900714915 |
| 83 | Sek Farid Ali | 17-03-2005 | 19 | Male | General | 9678925062 |
| 84 | Semima Feduz | 30-08-2004 | 20 | Female | General | 9395884023 |
| 85 | Mojahirul Islam | 01-03-2002 | 22 | Male | General | 6002736373 |
| 86 | Pahipriya Nath | 30-08-2003 | 21 | Female | OBC | 9864738066 |
| 87 | Garima Doloi | 18-03-2004 | 20 | Female | SC | 9395107326 |
| 88 | Bitupan Sarkar | 15-12-2002 | 21 | Male | SC | 6003714879 |
| 89 | Ansara Ahmed | 27-05-2002 | 22 | Female | General | 9864244458 |
| 90 | Musumi Das | 02-03-1995 | 29 | Female | SC | 9101783634 |
| 91 | Suman Saikia | 13-08-2003 | 21 | Male | General | 6000324413 |
| 92 | Purnima Bora Saikia | 01-04-1966 | 58 | Female | General | 6003648317 |
| 93 | Krishna Patar | 01-01-1980 | 44 | Male | ST | 9365858278 |
| 94 | Bhadrawati Bora Deka | 01-05-1976 | 48 | Female | OBC | 9954427095 |
| 95 | Jamuna Deka | 01-10-1972 | 52 | Female | OBC | |
| 96 | Bidya Kachari | 11-06-2004 | 20 | Male | ST | 9101763728 |
| 97 | Samarjit Das | 19-08-1997 | 27 | Male | SC | 9854220771 |
| 98 | Bhaskar Deka | 22-04-2003 | 21 | Male | OBC | 9395616106 |
| 99 | Raihana Begum | 09-06-2001 | 23 | Female | General | 6003041770 |

| | | | | | | |
|-----|------------------------|------------|----|--------|---------|------------|
| 100 | Ashique Shebanus Begum | 10-11-2004 | 20 | Male | General | 9395336030 |
| 101 | Ismaira Ahmed | 26-09-2003 | 21 | Female | General | 9394817530 |
| 102 | Masfia Parbin Sultana | 27-12-2003 | 20 | Female | General | 6901748956 |
| 103 | Maria Sultana | 18-06-2003 | 21 | Female | General | 8822824710 |
| 104 | Mujahid Monsur Ahmed | 26-02-2004 | 20 | Female | General | 6002191397 |
| 105 | Rahul Nath | 14-08-2004 | 20 | Male | OBC | 9707203443 |
| 106 | Amlan Jyoti Bordoloi | 26-09-2002 | 22 | Male | OBC | 9864288630 |
| 107 | Dinesh Das | 31-12-1982 | 41 | Male | SC | 6001336672 |
| 108 | Jyotimai Das | 16-12-2004 | 19 | Male | SC | 9864732662 |
| 109 | Junmoni Nath | 26-02-2006 | 18 | Male | OBC | 9101132325 |
| 110 | Tapajyoti Saikia | 10-04-2006 | 18 | Male | OBC | 7002491294 |
| 111 | Pallab Deka | 30-01-2006 | 18 | Male | OBC | 8812014211 |
| 112 | Debalakshi Brahma | 10-11-1985 | 39 | Female | ST | 9365469829 |
| 113 | Satya Naryan Bordoloi | 27-10-2004 | 20 | Male | ST | 9365532540 |
| 114 | Sumit Bordoloi | 17-10-2004 | 20 | Male | ST | 6001612327 |
| 115 | Lakshi Ram Borah | 11-03-1966 | 58 | Male | General | 9954994254 |
| 116 | Kunjalata Bora | 01-03-1966 | 58 | Female | OBC | 8723866821 |
| 117 | Basanti Bora | 01-01-1968 | 56 | Female | OBC | 9101249099 |
| 118 | Rajlakshi Deka Kalita | 30-11-1976 | 47 | Female | OBC | 6001028875 |
| 119 | Rima Pegu | 03-06-1999 | 25 | Female | ST | 8134977212 |
| 120 | Ratul Bora | 30-04-1974 | 50 | Male | OBC | 9365953100 |
| 121 | Abhijit Deka | 10-09-1984 | 40 | Male | OBC | 9435952495 |
| 122 | Tulu Saikia | 31-10-1984 | 40 | Female | OBC | 6901430161 |
| 123 | Prasab Das | 10-04-2006 | 18 | Male | SC | 7638059270 |
| 124 | Mintu Deka | 18-04-2005 | 19 | Male | OBC | 8099708877 |
| 125 | Subhrajyoti Dutta | 15-12-2006 | 17 | Male | General | 6003184994 |
| 126 | Sanatan Pathak | 31-12-1985 | 38 | Male | ST | 6003679942 |
| 127 | Goutam Kumai | 24-02-2002 | 22 | Male | ST | 8011547196 |
| 128 | Bishnu Deka | 03-01-1972 | 52 | Male | OBC | 8822790491 |
| 129 | Jatin Deka | 12-01-1973 | 51 | Male | OBC | 8721809069 |
| 130 | Dipanjali Deka | 01-10-1980 | 44 | Female | OBC | 9706666477 |
| 131 | Kunjalata Deuri | 01-01-1980 | 44 | Female | ST | |
| 132 | Rupam Patar | 06-10-1994 | 30 | Female | ST | 9864309717 |
| 133 | Lohit Das | 01-10-1996 | 28 | Male | SC | 6000982134 |
| 134 | Aswani Biswas | 01-10-1994 | 30 | Male | SC | 9101019332 |
| 135 | Sujit Biswas | 01-01-1995 | 29 | Male | SC | 9101491692 |
| 136 | Dr. Jayanta Borkakoti | 11-07-1986 | 38 | Male | General | 9555684998 |
| 137 | Dr. Gulam Ommar Ahmed | 04-04-1990 | 34 | Male | General | 9864295175 |
| 138 | Kartik Sarke | 02-11-1984 | 40 | Male | SC | 7002098506 |
| 139 | Kashyap Das | 21-10-1997 | 27 | Male | General | 6000808446 |
| 140 | Dr. Pranjeet Das | 23-04-1991 | 33 | Male | SC | 8887896481 |
| 141 | Trideep Chetia | 08-04-1995 | 29 | Male | OBC | 8822517068 |
| 142 | Bhagyashree Das | 31-12-1993 | 30 | Female | SC | 9101360984 |
| 143 | Ria Paul | 21-07-2005 | 19 | Female | General | 9395105815 |
| 144 | Trishna Devi | 13-03-2005 | 19 | Female | OBC | 9678410088 |
| 145 | Parishmita Deka | 15-09-2004 | 20 | Female | OBC | 6900941927 |
| 146 | Kangkana Patar | 09-12-2006 | 17 | Female | ST | 7635972098 |
| 147 | Arun Jyoti Bordoloi | 01-02-2006 | 18 | Male | ST | 8761854688 |
| 148 | Gopal Saikia | 23-05-2005 | 19 | Male | SC | 9864800753 |

| | | | |
|--------------|----|-----------|----|
| General | 43 | | |
| SC | 25 | | |
| ST | 27 | SC_male | 20 |
| OBC | 52 | SC_female | 5 |
| Total Male | 90 | | |
| Total Female | 58 | | |

| Sl. No. | NAME | GENDER | CONTACT | Signature |
|---------|----------------------------------|--------|------------|--------------------|
| 1 | Dinerkh Das | M | 6001336672 | Jinesh Das |
| 2 | Lohit Das | M | 6000982134 | Lohit Das |
| 3 | Mantu Mazumdar | M | 8472865210 | Ante ngr |
| 4 | Bhagyashree Das | F | 9101366984 | |
| 5 | Ranima Dewri | F | | Ranima ✓ |
| 6 | Priyanka Dewri | F | | Priyanka |
| 7 | Gitanjali Dewri | F | | गीतजाळी |
| 8 | Gopal Chandra Sarskar | M | | Gopal ch sarskar |
| 9 | Fuleshwarri Bora | F | | Fuleshwarri |
| 10 | Biren Deka | M | | ବିରେନ ଦେବ |
| 11 | Nitya Ray | M | | Sruinitai Ray |
| 12 | Subal Debnath | M | | ସୁଭାଲ ଦେବ |
| 13 | Mithun Bora | M | | Mithun Bora. |
| 14 | Bhabem Sarskar | M | | Bai Bhabem Sarskar |
| 15 | Bhim Debnath | M | | ବିଭିମ ଦେବ |
| 16 | Pannab K Deka | M | | Pannab K Deka |
| 17 | Dilip Sarskar | M | | ଦିଲିପ ସାର୍ସକ |
| 18 | Tarab Ali | M | | TARABALI |
| 19 | Chandanka, Rajbanshi | M | | |
| 20 | Dharmendra Bora Debenbra Bora | M | | P. Bandha/Saru. |
| 21 | Pattab Deka | M | | Dharmendra Bora |
| 22 | Pallab Deka | M | | ପାଲ୍ଲବ ଦେବ |
| 23 | Gagan Deka | M | | ଗାଗନ ଦେବ |
| 24 | Dipak Deka | M | | ଦିପକ ଦେବ |

| Sl. No. | NAME | GENDER | CONTACT | Signature |
|---------|-----------------------|--------|---------|--------------------------|
| | | | | 27/3/2024 |
| 25 | Sambhu ram Kalita | M | | 27/3/24 |
| 26 | Gopal Kalita | M | | Upam Kalita |
| 27 | | | | |
| 28 | Tinku Deka | | | Tinku |
| 29 | Tutu Deka | F | | Tutu |
| 30 | Jitu patar | M | | |
| 31 | Tilottama Bora | F | | Dimpul Deka |
| 32 | Dimpul Deka | F | | |
| 33 | Tulsi Deka | M | | |
| 34 | Bisaj Kumar Patar | M | | Bisaj Kalita |
| 35 | Purabi Deka | F | | Purabi Deka |
| 36 | Arun Kalita | M | | |
| 37 | Abhejit Deka | M | | A Deka |
| 38 | Pranveer Deka | M | | |
| 39 | Trideep Chutia | M | | T. Chutia 21/11/24 |
| 40 | Kashyap Deka | M | | Kashyap 21/11/24 |
| 41 | Dr. Jayanta Borkakodi | M | | Dr. Jayanta 21/11/24 |
| 42 | Ratni Bora | M | | |
| 43 | GUAN OMMAR ANMFB | M | | |
| 44 | Kunjolata Bora | F | | Kunjolata |
| 45 | Lakshi Ram Bora | M | | |
| 46 | Rajlakhi Deka Kati | | | |
| 47 | Rima Pegu | F | | Rima Pegu |
| 48 | Rajalakhi Deka Kalita | F | | Raj Lakhi Deka Kalita |

| Sl. No. | NAME | GENDER | CONTACT | Signature |
|---------|---------------------|--------|---------|--------------------|
| 49 | Basanti Bora | F | | — |
| 50 | Sumit Bordoloi | M | | Sumit Bordoloi |
| 51 | S.M. Bordoloi | | | S.M. Bordoloi |
| 52 | Junimoni Nath | M | | J. Nath |
| 53 | Pallab Deka | M | | P. Deka |
| 54 | Tapajyoti Saikia | M | | Tapajyoti |
| 55 | Arun Jyoti Bordoloi | M | | Arun |
| 56 | Geopal Saikia | M | | Geopal |
| 57 | Debalakshi Brahma | F | | Debalakshi |
| 58 | Jyoti mai Das | M | | Jyoti mai |
| 59 | Kangkama Patra | F | | Kangkama |
| 60 | Parishmita Deka | F | | Parishmita |
| 61 | Trishna pevi | F | | Trishna |
| 62 | Ria Paul | F | | Ria Paul |
| 63 | Tulu Saikia | F | | শ্রী তুলু সাইকিয়া |
| 64 | Dipti Medhi | F | | শ্রী দীপ্তি মেধি |
| 65 | Kunjalekha Deuri | F | | |
| 66 | Rupen Patra | | | |
| 67 | Miss Diponjuli Deka | F | | D. Deka |
| | | | | |
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