



MULTI-SKILLING AND SUSTAINABILITY CENTRE

ASSAM ENGINEERING COLLEGE

2022

©Assam Engineering College, 2022-23

VISION

JOB CREATION, EMPLOYABILITY & SUSTAINABILITY

MISSIONS

- To impart Systemic, Holistic & critical Thinking Skill
- To impart Life-Cycle-Thinking Skill
- To Upgrade skills in Construction Sector, ICT, Solar Energy & Sustainability



MULTI-SKILLING AND SUSTAINABILITY CENTRE
ASSAM ENGINEERING COLLEGE
INAUGURATED ON OCTOBER 6, 2018
By
SHRI SIDDHARTHA BHATTACHARYA
(THE HON'BLE MINISTER, EDUCATION, ASSAM)

IN PRESENCE OF
DR. ATUL BORA, PRINCIPAL, AEC
FACULTIES, STAFF AND STUDENTS OF AEC

ADVISORY COMMITTEE OF MSSC

• Prof. P.K. Sikdar, Dean IIT Mumbai & Director, CRR	Chairperson
• Dr Atul Bora, Principal AEC and the Principal Investigator of MSSC:	Member Secretary
• Prof. KN Satyanarayan, Director IIT Tirupati:	Member
• Dr. Hemanta Doloi, University of Melbourne:	Member
• Prof. Koshy Varghese, IIT Madras:	Member
• Prof. A. K. Sarkar, Director, BITS Pilani:	Member
• Prof. Shyamanta M. Hazarika, IIT Guwahati:	Member
• Er. Bhaskar Jyoti Phukan, Managing Director, NRL:	Member
• Er. Pankaj Kumar Goswami, Director, Operations OIL:	Member
• Mr Pabitra Buragohain, President FINER:	Member
• Mr. Sushil Kumar, Global Head, Govt Projects & Skill Dev, Tata Technologies Ltd	Member
• Mr. Raj Chakravarty, Commissioner, PWD (NH & Building), Dispur:	Member
• Mr. S.K. Rai, Executive Director [FHQ, OIL]:	Member
• Mr. Siddhartha Baruah, Executive Director] BGR, IOCL:	Member
• Mr. Dr. Pramod Kr Sharma, CMD, Pratiksha Hospital:	Member
• Mr. PK Dutta, CEO [POGL]:	Member
• Mr. Akash Jyoti Gogoi, Director, North East Agro Products and Services	Member
• Prof. A. K. Bhagabati, Gauhati University:	Member
• Mr. P.K.Das, Former Director, STPI:	Member
• Dr Samir Baaruah, Chairperson, NE-MSME and Banking Committee, ICC:	Member
• Mr. Rahul Goswami, Secretary, NEFRS:	Member
• Mr. Dibyojit Dutta, The GS, Assam Association Delhi:	Member
• Dr Geetima Das Krishna, Head, North East Desk, MoC, GoI:	Member
• Mr. Kulesh Goswami, Entrepreneur:	Member
• Dr Satyajit Bhuyan, TPO, AEC:	Member
• Dr Nabajit Saikia, Faculty Incharge, MSSC, AECSU:	Member
• Dr Rashi Borgohain, Secretary, ECTA, AEC Unit:	Member

EXECUTIVE COMMITTEE OF MSSC

- | | |
|--|---------------------------|
| -Dr. Atul Bora Principal, AEC | - Chairman |
| -Dr. Navajit Saikia, HoD, ETE & CSE | - Member secretary |
| -Dr. Jayanta Pathak, HoD, CE | - Member |
| -Dr. Kalyan Kalita, HoD, ME & IPE | - Member |
| - Dr. Aroop Bardalai, HoD, EE & IE | - Member |
| -Dr. Bandana Goswami, HoD, CHE | - Member |
| -Dr Satyajit Bhuyan, TPO | - Member |
| -Dr Ashim Basumatary, TPO | - Member |

COMMITTEE FOR UPGRADING SKILLS THROUGH MSSC

- | | |
|---|-------------------|
| - Dr. Atul Bora, Principal, AEC | - Chairman |
| - Dr. Jayanta Pathak, HoD, CE, AEC | - Member |
| - Dr. Sudip Kr Deb, Prof, ME | - Member |
| - Dr. Bipul Talukdar, Prof,, CE | - Member |
| - Dr. Majuri Hazarika, Prof ME | - Member |
| - Dr. Purabi Patowary, Prof,EE/IE | - Member |
| - Dr. Pradip Baishya, Assco. Prof., ME | - Member |
| -Dr Sasanka Borah,k, Asstt. Prof. CE | - Member |

ABOUT US



Established on October 2018,
To address the dual challenge of skill development: 'inadequacy' & 'employability', and to promote an ecologically literate and socially responsible skilled citizenry; Multi-Skilling and Sustainability Centre (MSSC) is a state level common facility for skill development by modernization and removal of the overall obsolescence of the existing AEC workshop.

MSSC aims to promote systemic and holistic thinking skills by reflecting on how engineering design and activities impact people and natural environment and imparts sustainable solutions. It also encourages innovative and out-of-box thinking.



Collaborative Initiative with University of Melbourne

Faculty Development, Faculty Exchange, Curriculum Development and Capacity Building in construction management were the prime focus of a collaborative project between University of Melbourne, Australia and Govt of Assam, represented by Assam Engineering College. Dr Atul Bora, Principal, AEC and Dr Hemanta Doloi, Faculty of Architecture, Building and Planning, University of Melbourne were the Principal Investigators of the Project.

With a vision of capacity building in in construction sector of the State of Assam, a provision of training in Construction Management for eight faculties of AEC, as Visiting Scholars to University of Melbourne for a duration of 6-10 weeks was made.



The following seven faculties of AEC were the visiting scholars to University of Melbourne.

- 1. Dr.Sasanka Borah**
- 2. Dr. Pradip Baishya**
- 3. Dr. Jayanta Pathak**
- 4. Dr.Bipul Talukdar**
- 5. Dr. Sudip Kr. Deb**
- 6. Dr.Manjuri Hazarika**
- 7. Dr.Purobi Patowary**

With rigorous training at University of Melbourne the scholars developed knowledge and skills on all major themes of construction management such as:

- Building Services & Operations**
- Fundamentals of Project Management**
- Construction Methods & Equipment**
- Construction Waste Management**
- Sustainable Solutions for Buildings**
- Construction Materials**
- Building Regulation**
- Building Construction**
- Contract Management**
- 3R In Construction**
- Construction Safety**

Multi-skilling & Sustainability Centre of AEC is poised to undertake skilled based short courses for upgradation of skills in all levels of manpower in the state, apart from imparting formal construction management courses.

As the sector of construction has multiple linkages with strong multiplier effect on all sectors economy, a campaign will be launched for engagement and participation of all stakeholders in this initiative.

COSVARD: INTERNATIONAL CONFERENCE

COSVARD (Conference on Smart Villages and Rural Development): With over 40% of the world's population now living in rural areas, there is global interest in research associated with the creation of “Smart Villages” to address the ever growing urban-rural divide. Smart Village research being undertaken in the Faculty of Architecture, Building and Planning at the University of Melbourne is exploring rural community development, practices and relevant policies with a focus on community-centric planning of affordable housing, infrastructure, sustainable development and growth, community empowerment and other issues related to the creation of Smart Villages. Till now four conferences has been organised:

COSVARD 2018

COSVARD 2019

COSVARD 2020

COSVARD 2021

COSVARD 2022 (upcoming)



STAKEHOLDER'S MEET

THEME

Roadmap for Multi-Skilling, Employability and Sustainability

In order to create a Roadmap for MULTI-SKILLING & SUSTAINABILITY for the state and the country; a concerted effort of Academia, Industry, Industry-Associations, Government, Civil Society and Intelligentsia have become the need of the hour. This workshop is convened to engage all stakeholders to enhance employability and sustainability through shared visioning, relevant skill building, Industry-Institute-linkages, entrepreneurial activities, curriculum reforms, startup activities, collaborative projects and networking of stakeholders in a holistic and sustainable framework.



INNOVATION, INCUBATION, ENTREPRENEURSHIP AND STARTUP.

VISION

To encourage youngsters to be future job creators. Develop the zeal of entrepreneurship alive and ever-growing in the minds of students of AEC, inspiring them, making them educated about the existent entrepreneurship issues.

MISSION

The mission is to establish a platform for budding businesses at an early stage and pursue business ideas by providing the vital resources of learning.

OBJECTIVES

- **To promote entrepreneurship among the students.**
- **To organize entrepreneurship development and awareness programs.**
- **To provide facilities to startups from the college.**
- **To develop close links between industry-Institute by interaction programs.**
- **To prioritize activities which bring about improvement in the overall development of Entrepreneurship .**



STARTUPS

NAME	SECTOR	FOUNDERS
Zerund Bricks	Eco-friendly Bricks	David Gogoi - AEC, B.E. Civil Engineering (2014-18) Rupam Choudhary - AEC, B.E. Civil Engineering (2014-18) Mousam Choudhary - AEC, B.E. Civil Engineering (2014-18)
TechVariable	IT	Nilotpal Boruah - AEC, B.E. Civil Engineering (2008-12)
Swaglok	Clothing	Ankita Jain - AEC, B.E. Electronics and Telecommunication Engineering (2010-14)
PopTales	Clothing	Jayanta Madhab Paw - AEC, B.E. Chemical Engineering (2008-12)
AsepTuva	Healthcare	Eashan Saikia - AEC, B.E. Mechanical Engineering (2011-15)
Elecnovo	Electric Vehicles	Ratul Bora - AEC, B.E. Mechanical Engineering (1991-95)
Trimzzy	Service	Ashique Anowar, 5th sem, ETE Gourav Gosh, 2022 batch, IE
Frint	Job P2ortal	Rohan Verma, 5th sem, ETE Arindam Bhowal, 5th sem, ETE Prandeep Chutiya, 3rd sem, ETE
Eastern Wings	Drone Tech.	Ashique Anowar, 5th sem, ETE Devraj Kashyap, 5th sem, ETE

HACKATHON

SMART INDIA HACKATHON

TEAM NAME	MEMBERS
HEXA VALENT	Ayushman Bhuyan Rajashmita Bhuyan Nandita Das Gautam Baruah Gyandeep Hazarika Siddhant Kumar Singh
FUSION CHASE	Ashique Anowar Abhigyan Baruah Ritav Kashyap Rohan Verma Sarah Yasmin Utkarsha Borah

HACKZURICH

RED FLAG	PRAYASH P.S. BORAH ARINDAM BHOWAL DEVRAJ KASHYAP
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CORE COMMITTEE

President	Trilosan Boro
Vice President	Bhagyashree Singha
Secretary	Tonmoy Saikia
Treasurer	Md. Najib Ahmed
Technical team	Chiman Deka Prandeep Chutia
Event Management team	Dhritishmita Baruah Bashab Jyoti Bora
Creative team	Ronit Rimon Sarmah Karpallav Chutia Sayanee Bhattacharjee
Public Relation team	Sarah Yashmin Hrishikesh Das Nikita Mandal
Design Team	Rohan Verma Mriganka Patowary Saunak Shome
Outreach team	Jishnu Sarma Chunky Sarma Anket Singh

SMART INDIA HACKATHON

Smart India Hackathon is an initiative of Innovation Cell, Ministry of Education to find solutions to real-world problems from university and school students and to inculcate in them the spirit of innovation and entrepreneurship. The grand finale of SIH was conducted from 25-29th August, 2022 at 75 nodal centres across India. Two teams from our college- Team Hexavalent consisting of 6 students Chemical Engineering department, namely: Ayushman, Gautam, Gyandeep, Siddhant, Nandita, Rajashmita, represented Assam Engineering College at Smart India Hackathon 2022. They succeeded in making it into the finals held in Pune. Another Team Fusion Chase, leaded by Ashique Anowar landed in Chandigarh to represent AEC at Smart India Hackathon 2022 in national level.



TECH - UTSAV



Under the banner of MSSC an annual inter-hostel and day scholar league of technical events, TECH-UTSAV is organised to grab the very prestigious title of the 'Best technical Group' (Hostel/ D-S). Tech-utsav is a series of 6 different events spread across 4 days. The events comprises of Build the circuitry, Line following robot competition, web-o-code, Robo-soccer, Technical quiz and Technical Debate



JOB-ORIENTED SKILL BASED COURSES



Every year, MSSC organizes job oriented skill based courses under the sponsorship of Govt. of Assam. These courses are aimed to enhance technical/ managerial skills of students/ staff from polytechnics, engineering colleges and universities. Courses are organized in collaboration with NIELIT Guwahati, TapAPP Technology, University of Melbourne (Australia), etc. with support from Dept. of Electronics & Telecommunication Engineering, Computer Science & Engineering and Civil Engineering of the college. Further, MSSC has also organised training sessions for the laboratory staff members of AEC to introduce to New Generation equipment along with their operations.

MULTI-SKILLING & SUSTAINABILITY CENTRE

ASSAM ENGINEERING COLLEGE

JALUKBARI, GUWAHATI-781013



Job-oriented Skill-based Courses sponsored by Directorate of Technical Education, Assam

COURSES OFFERED

1. Cloud Computing (Duration: 10 days, Start date: 08/03/21) Eligibility: Graduate or undergraduate in Computer Science/ IT / M.Sc. (CS), M.Sc. (IT), BCA.
2. 3D printing / Additive Manufacturing (Duration: 10 days, Start date: 19/03/21) Eligibility: Graduate engineer/ Undergraduate and Diploma engineer/ student in Civil, Mechanical, Electrical and Computer Science Engineering; workshop staff of engineering college and polytechnic.
3. Applied Bioinformatics (Duration: 10 days, Start date: 01/03/21) Eligibility: Graduate/ undergraduate in Science or Engineering with Biology in 10+2 level.
4. Cyber Security/ Information Security (Duration: 10 days, Start date: 19/03/21) Eligibility: Graduate engineer/ Undergraduate and Diploma engineer/ student in any engineering discipline.
5. IoT using Arduino (Duration: 10 days, Start date: 01/03/21) Eligibility: Graduate engineer/ Undergraduate and Diploma engineer/ student in any engineering discipline.
6. Advanced Diploma in Computer Application, Accounting and Publishing (Duration: 30 days, Start date: 01/03/21) Eligibility: 10+2 passed in any stream.
7. Digital Course on CNC Programming for Turning and Milling (Duration: 10 days, Start date: 05/03/21) Eligibility: Graduate/ Undergraduate and Diploma engineer/ student in Mechanical Engineering & Production Engineering; workshop staff of engineering college and polytechnic.
8. Digital Course on Robotics Programming (Duration: 10 days, Start date: 05/03/21) Eligibility: Graduate engineer/ Undergraduate & Diploma engineer/ student in Mechanical, Production, Electrical, Electronics and Communication, Computer Science Engineering.
9. Project Scheduling & Time Management (Duration: 4 days, Start date: 01/03/21) Eligibility: Graduate/ Undergraduate, Diploma engineer/ student, Industry practitioners, Teaching/ engineering workshop staff.
10. Project Cost Planning, Budgeting and Cost Control (Duration: 4 days, Start date: 06/03/21) Eligibility: Graduate/ Undergraduate, Diploma engineer/ student, Industry practitioner, Teaching/ engineering workshop staff.
11. Project Risks and Quality Management (Duration: 4 days, Start date: 11/03/21) Eligibility: Graduate/ Undergraduate, Diploma engineer/ student, Industry practitioners, Teaching/ engineering workshop staff.
12. Project Stakeholder Management (Duration: 4 days, Start date: 20/03/21) Eligibility: Graduate/ Undergraduate, Diploma engineer/ student, Industry practitioners, Teaching/ engineering workshop staff.
13. Short Term Skill Development Course on GPS DGPS TS CAD (Duration: 15 days, Start date: 10/03/21) Eligibility: ITI, Diploma engineer, Diploma engineering student in Civil Engineering.

Important Information

- Course fee: NIL
- Courses will be conducted online & Blended mode.
- Shortlisted/ candidates will be communicated through website only. (www.aec.ac.in)
- Online examination for award of certificate.

Last date of registration:

25-02-2021



For Further detail & Online registration, please visit the website www.aec.ac.in or scan the QR code



MULTI-SKILLING & SUSTAINABILITY CENTRE ASSAM ENGINEERING COLLEGE JALUKBARI, GUWAHATI-781013

Job-Oriented Skill-Based Courses

Courses Offered, Eligibility and Takeaways

- Cloud Computing** (Duration: 10 days, Start date: 01/03/21)
Eligibility: Graduate or Undergraduate in Computer Science/ IT/ M.Sc. (CS), M.Sc. (IT), BCA.
Takeaways: Enterprise Cloud Guidelines, Cloud Architecture & Security Architecture, Scalable, resilient and fault tolerant Cloud Platforms, Validate Project Plan for cloud solution, Cloud vendors and third-party service provider.
- 3D printing / Additive Manufacturing** (Duration: 10 days, Start date: 19/03/21)
Eligibility: Graduate Engineer/ Undergraduate and Diploma Engineers/ Student in Civil, Mechanical, Electrical and Computer Science Engineering/ Workshop staff of Engineering College and Polytechnic.
Takeaways: Impart training on New Age Technologies, Enhance and improve employable skills.
- Applied Bioinformatics** (Duration: 10 days, Start date: 01/03/21)
Eligibility: Graduate/ Undergraduate in Science or Engineering with Biology in 10+2 level.
Takeaways: Employability enhancement as add on qualification, Helps promotion of Computer use in Biological Data Management.
- Cyber Security/ Information Security** (Duration: 10 days, Start date: 19/03/21)
Eligibility: Graduate Engineer/ Undergraduate and Diploma Engineers/ Student in any Engineering discipline.
Takeaways: Generates awareness on Information Security/ Cyber security.
- IoT using Arduino** (Duration: 10 days, Start date: 01/03/21)
Eligibility: Graduate Engineer/ Undergraduate and Diploma Engineers/ Student in any Engineering discipline.
Takeaways: Candidates will be well versed with the modern IoT technology which will help them to study further in the area or prepare for a related job.
- Advanced Diploma in Computer Application, Accounting and Publishing** (Duration: 30 days, Start date: 01/03/21)
Eligibility: 10+2 passed in any stream.
Takeaways: Operating systems, MS Office and Office Automation, Financial accounting with Tally, DTP, E-governance, GST.
- Digital Course on CNC Programming for Turning and Milling** (Duration: 10 days, Start date: 05/03/21)
Eligibility: Graduate Engineer/ Undergraduate and Diploma Engineers/ Student in Mechanical Engineering & Production Engineering/ Workshop staff of Engineering College and Polytechnic.
Takeaways: Impart Training on Digital Manufacturing Technologies which comprises of CNC and to generate highly trained technical manpower for CNC Related Manufacturing Industry.
- Digital Course on Robotics Programming** (Duration: 10 days, Start date: 05/03/21)
Eligibility: Graduate Engineer/ Undergraduate and Diploma Engineers/ Student in Mechanical, Production, Electrical, Electronics and Communication, Computer Science Engineering.
Takeaways: Impart Training on Digital Manufacturing Technologies which comprises of Robotics and to generate highly trained technical manpower for Robotics & IOT Related Manufacturing Industry.
- Project Scheduling & Time Management** (Duration: 4 days, Start date: 01/03/21)
Eligibility: Graduates/ Undergraduates, Diploma Engineer/ Student, Industry practitioners, Teaching/ Engineering workshop staff.
Takeaways: Impart training on project management competencies and improve employable skills in both public and private sectors.
- Project Cost Planning, Budgeting and Cost Control** (Duration: 4 days, Start date: 06/03/21).
Eligibility: Graduates/ Undergraduates, Diploma Engineer/ Student, Industry practitioners, Teaching/ Engineering workshop staff.
Takeaways: Impart training on project management competencies and improve employable skills in both public and private sectors.
- Project Risks and Quality Management** (Duration: 4 days, Start date: 11/03/21)
Eligibility: Graduates/ Undergraduates, Diploma Engineer/ Student, Industry practitioners, Teaching/ Engineering workshop staff.
Takeaways: Impart training on project management competencies and improve employable skills in both public and private sectors.
- Project Stakeholder Management** (Duration: 4 days, Start date: 20/03/21),
Eligibility: Graduates/ Undergraduates, Diploma Engineer/ Student, Industry practitioners, Teaching/ Engineering workshop staff.
Takeaways: Impart training on project management competencies and improve employable skills in both public and private sectors.
- Short Term Skill Development Course on GPS DGPS TS CAD** (Duration: 15 days, Start date: 10/03/21)
Eligibility: ITI, Diploma Engineer, Diploma Engineering Student in Civil Engineering.
Takeaways: Generate highly trained technical manpower for conducting survey using modern Survey Equipment like Total Station, GPS, DGPS.

For Further Details & Online Registration, Please visit the website :
www.aec.ac.in

Government of Assam
Office of the Principal :::: Assam Engineering College
Jalukbari, Guwahati - 13

No.: AEC/MSSC/01-11

Date: 03-01-2022

ORDER

It is planned to train the in-house scientific assistants and other laboratory staff for using the newly installed equipments at the Multi-Skilling and Sustainability Centre (MSSC) of Assam Engineering College. All are requested to attend the trainings accordingly as per the following list.

Dept.	Laboratory staff	Equipment	Demonstration date
CE	1. Niren Ch.Baishya 2. Nimita Devi 3. Tafiq Ali Dewan 4. Jogesh Das 5. Paban Bhattacharyya 6. Monoj Kr Dutta	1. 3D printer 2. Experimental setup to analyse the deflection of beams 3. Experimental setup to measure bending moment in a beam 4. Experimental setup to measure shear force 5. Experimental setup to study roof truss 6. Rotational system to provide a range of experiments in centripetal force, angular momentum and rotational motion 7. Experimental setup to study momentum flux and force of a fluid jet 8. Bench top materials testing machine 9. Impact testing machine 10. Rectangular refractory furnace	05/01/2022 (WED) 12/01/2022 (WED)
ME & IPE	1. Apurba Kr Das 2. Mahesh Barman 3. Jyotish Kathar 4. Nilamoni Sarma 5. Pranab Jyoti Sarma	1. 3D printer 2. CNC wire cut EDM 3. Lathe tool dynamometer 4. CNC 4 axis turn/milling machine 5. Welding fume extraction table 6. IOT based smart factory automation system 7. Upright metallurgical microscope 8. Infra red thermometer 9. Thermal image camera	06/01/2022 (THU) 10/01/2022 (MON)
EE & IE	1. Dimbeswar Talukdar 2. Sarat Deka	1. 3D printer 2. PCB prototyping machine 3. Drone with 3D mapping 4. 3D scanner 5. Robot system learning kit 6. Thermal image camera 7. Digital storage oscilloscope 8. Digital multimeter 9. DC power supply 10. Function generator 11. Infra red thermometer 12. IOT components	07/01/2022 (FRI) 08/01/2022 (SAT)

ChE & Chemistry	1. Tilak Ch. Talukdar 2. Mohan Lal Das 3. Manash Saikia 4. Anowar Hussain 5. Mrigen Patgiri 6. Dr. Upama Devi 7. Bhupen Baruah	1. 3D printer 2. Rectangular refractory furnace 3. Thermal image camera	05/01/2022 (WED) 12/01/2022 (WED)
ETE, CSE & Physics	1. Suresh Ch. Haloi 2. Gokul Sarma 3. Pradip Baishya 4. Gagan Kalita	Same as EE & IE	07/01/2022 (FRI) 08/01/2022 (SAT)
CA	1. Naba Kalita 2. Ashok Sarma	1. 3D printer 2. Drone with 3D mapping 3. 3D scanner 4. Thermal image camera	07/01/2022 (FRI) 08/01/2022 (SAT)
Workshop	1. Iswar Ch. Borah 2. Thaneshwar Kalita 3. Robin Chetia 4. Pranab Bhattacharyya 5. Jyotish Das 6. Hiteswar Sarma 7. Nidharshan Huzuri 8. Uttam Koiree 9. Hiren Pathak	1. CNC wire cut EDM 2. Lathe tool dynamometer 3. CNC 4 axis turn/milling machine 4. Welding fume extraction table	06/01/2022 (THU) 10/01/2022 (MON)

(Dr. Atul Bora)
Principal
Assam Engineering College

No.: AEC/MSSC/01-11
Copy to:

Date: 03/01/2022

- The HoDs of CE/ ME&IPE/ EE&IE/ ChE/ ETE&CSE/ CA/ Physics/ Chemistry for circulation and necessary action please.
- Guard file

(Dr. Atul Bora)
Principal
Assam Engineering College

MULTI-SKILLING & SUSTAINABILITY CENTRE

ASSAM ENGINEERING COLLEGE

JALUKBARI, GUWAHATI-781013

JOB ORIENTED SKILL BASED COURSES

• CONSTRUCTION MANAGEMENT

SL.	START DATE	COURSES	DURATION	NO. OF PARTICIPANTS	COURSE CONDUCTING ORGANISATION
1	07/11/2018	Construction Management & 3rd Annual Workshop on Smart village	5 days	118	AEC in collaboration with Melbourne University
2	07/12/2019	Time, Cost, Quality and Risk Management of Construction Project	2 days	30	AEC in collaboration with Dr. Hemanta Doloi, Melbourne University
3	31/01/2020	Modern Surveying using TS, GPS, DGPS, CAD	5 days	173	Technovation Engineering Services & AEC
4	12/02/2020	Introduction to Road Safety Engineering	3 days	65	Intercontinental Consultant & Technocrats (P) Ltd.
5	01/03/2021	Project Scheduling And Time Management	4 days	58	AEC in collaboration with Melbourne University
6	01/03/2021	Course on GPS, DGPS, TS, CAD	5 days	57	AEC in collaboration with NE Renewable Energy Research Lab (P) Ltd.
7	06/03/2021	Project Cost Planning, Budgeting, And Cost Control	4 days	69	AEC in collaboration with Melbourne University
8	11/03/2021	Project Risk And Quality Management	4 days	64	AEC in collaboration with Melbourne University
9	20/03/2021	Project Stakeholder Management	4 days	40	AEC in collaboration with Melbourne University

• INFORMATION & COMMUNICATION TECHNOLOGY (ICT)

SL.	START DATE	COURSES	DURATION	NO. OF PARTICIPANTS	COURSE CONDUCTING ORGANISATION
1	03/02/2020 17/02/2020	Certificate Course on Web designing (Batch I) Certificate Course on Web designing (Batch II)	10 days	89	NIELIT Guwahati
2	03/02/2020	Computer Application, accounting and Publishing	25 days	17	NIELIT Guwahati
3	03/02/2020	Linux, Apache, MySQL and PHP (LAMP)	10 days	23	NIELIT Guwahati
4	03/02/2020	Computer Concepts	10 days	53	NIELIT Guwahati
5	15/02/2020	Big Data Technologies	14 days	54	Tap APP Technologies
6	01/03/2021	Applied Bioinformatics	10 days	22	NIELIT Guwahati
7	01/03/2021	IOT Using Arduino	10 days	10	NIELIT Guwahati
8	01/03/2021	Advanced Diploma in Computer Application, Accounting and Publishing	30 days	229	NIELIT Guwahati
9	04/03/2021	Cloud Computing	10 days	54	NIELIT Guwahati
10	19/03/2021	Cyber Security	10 days	81	NIELIT Guwahati
11	19/03/2021	3-D Printing	10 days	55	NIELIT Guwahati

• SOLAR ENERGY

SL.	START DATE	COURSES	DURATION	NO. OF PARTICIPANTS	COURSE CONDUCTING ORGANISATION
1	12/02/2020	Solar Power Installation Operation, Maintenance, etc.	3 days	65	Susconnect (P) Ltd

PROPOSED SKILLED-BASED SHORT COURSES

(in collaboration with University of Melbourne, etc.)

- Construction Procurement Management
- Construction Economics
- Construction Quality Control Management
- Computer Aided Project Management
- Construction Waste Management
- Repair Rehabilitation and Retrofitting
- Innovative Construction Materials
- Fundamentals of Life Cycle Analysis in Construction
- Understanding of Building Regulations
- Contract Practice & Administration
- Understanding of Basic Operation and Services to be Provided in Buildings
- Project Time Planning & Management
- Risk & Contingency in Construction Management
- Project Cost Planning, Budgeting and Cost Control
- Project Scheduling & Time Management
- Project Risk and Quality Management
- Course on Remote Sensing, GIS, GPS, DGPS, TS CAD
- Reinforcement Detailing for Earthquake Resisted Buildings
- Training of Vermicomposting Methods
- Solar energy Technician
- Certificate program on Hospital IT

OTHER COURSES [Duration: 08-11-2021-27-11-2021]

- Short course on Earthquake Resistant Design of Multi-story RCC building using ETABS and SAFE

MSSC CORE TEAM FOR THE SESSION 2022-23



AYUSHMAN BHUYAN
MSSC SECRETARY, AECSU 2022-23

MSSC CORE-TEAM OF THE SESSION 2022-23

C H E M I C A L E N G I N E E R I N G



AYUSHMAN BHUYAN
7TH SEMESTER



MAYUR KASHYAP BHAGAWATI
5TH SEMESTER



DEVARSHI CHOUDHURY
3RD SEMESTER

C I V I L E N G I N E E R I N G



PRANAB JYOTI BORAH
7TH SEMESTER



ROHIT DAULAGUPHU
5TH SEMESTER



SIBASHISH KURMI
3RD SEMESTER

E L E C T R I C A L E N G I N E E R I N G



DEBASISH BAYAN
7TH SEMESTER



HENGWALO RESHO RENGMA
5TH SEMESTER



SNEHA GOSWAMI
3RD SEMESTER

C O M P U T E R S C I E N C E E N G I N E E R I N G



RAHUL KUMAR RAI
7TH SEMESTER



GOURAV KUMAR SINGH
5TH SEMESTER



RHITICK SONAR
3RD SEMESTER

MSSC CORE-TEAM OF THE SESSION 2022-23

M E C H A N I C A L E N G I N E E R I N G



ABHINASH DUTTA
7TH SEMESTER



DHIRAJ MAN NATH
5TH SEMESTER



SHREYA LOPAMUDRA
3RD SEMESTER

E L E C T R O N I C A N D T E L E C O M M U N I C A T I O N E N G I N E E R I N G



AKASH BARMAN
7TH SEMESTER

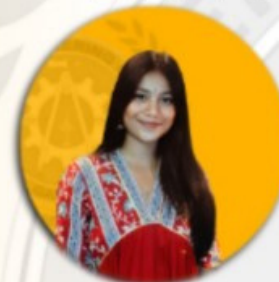


ASHIQUE ANOWAR
5TH SEMESTER



KARAPALLAV CHUTIA
3RD SEMESTER

I N S T R U M E N T A T I O N E N G I N E E R I N G



DIVANGANA HAZARIKA
7TH SEMESTER



TARIK ANOWAR
5TH SEMESTER



SHREYA GUPTA
3RD SEMESTER

I N D U S T R I A L P R O D U C T I O N



BHAGYASHREE SINGHA
5TH SEMESTER



REKIB AHMED
3RD SEMESTER

DESIGN TEAM



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