

**MEMORANDUM
OF
UNDERSTANDING**

Between

**Department of Electrical Engineering,
H.R.H. The Prince of Wales Institute of
Engineering and Technology**

and

**CHANDRA KAMAL BEZBARUAH COLLEGE,
TEOK, JORHAT, ASSAM**

Memorandum of Understanding

Signed on

23rd day of December, 2016.

Between

**Department of Electrical Engineering,
H.R.H. The Prince of Wales Institute of
Engineering and Technology**

and

**CHANDRA KAMAL BEZBARUAH COLLEGE,
TEOK, JORHAT, ASSAM**

Memorandum of Understanding

Between

Department of Electrical Engineering

H.R.H. The Prince of Wales Institute of Engineering and Technology

and

Chandra Kamal Bezbaruah College,

Teok, Jorhat, Assam

This Memorandum of Understanding (MOU) is signed on this day of 23/12/ 2016, between Department of Electrical Engineering, H.R.H. The Prince of Wales Institute of Engineering and Technology (POWIET) located at Jorhat, 785001, a premier institute of Engineering and Technology established in 1927 and Chandra Kamal Bezbaruah College, Teok, Jorhat. The Head of the Department of Electrical Engineering of the institute will execute the MOU with the Chandra Kamal Bezbaruah College, Teok, Jorhat, on behalf of the Principal, H.R.H. The Prince of Wales Institute of Engineering and Technology.


Signature

Principal
C K B College, Teok

Signature

PREAMBLE

We, the authorized persons of the Department of Electrical Engineering, H.R.H. The Prince of Wales Institute of Engineering and Technology and Chandra Kamal Bezbaruah College, Teok, Jorhat solemnly resolved to carry out two-year Diploma Course of "Electrician" under the "College Community Development Program" of Chandra Kamal Bezbaruah College, Teok, Jorhat and the Deptt. of Electrical Engineering, H.R.H. The Prince of Wales Institute of Engineering and Technology will extend support by providing resource person and technical skill and amenities for the same. Hence on this day of 23/12/2016 the memorandum is signed for execution in between **Department of Electrical Engineering, H.R.H. The Prince of Wales Institute of Engineering and Technology, Jorhat and Chandra Kamal Bezbaruah College, Teok, Jorhat.**

BRIEF PROFILE

H.R.H. The Prince of Wales Institute of Engineering and Technology is a premier technical institute of Assam, established in 1927, offering Diploma Course in Electrical Engineering, Mechanical Engineering, Mechanical (Automobile Engineering), Civil Engineering, Instrumentation Technology and Electronics and Telecommunication Engineering, Agriculture Engineering. It is the first Institute of North-East India to offer technical education.

OBJECTIVE

The main objective of this MOU is to provide skill education to the rural youth for employment/self-employment under skill development programme of Chandra Kamal Bezbaruah College, Teok, Jorhat.

SCOPE OF THE PROGRAMME

Students will be able to

1. This course will help in developing technical skill of the students.
2. The tenure of the course will be two years and during this period students will learn both theory and practical.

3. After successful completion of the course, students will be awarded with certificate of completion which will boost the opportunity for employment in both Govt. and Private Sectors.
4. This course will also help in extending scopes in Entrepreneurship.


ROLE OF POWIET

The POWIET will provide resource person, technical skill and amenities as and when required.

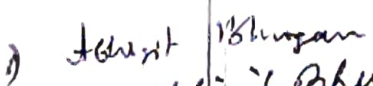
ROLE OF CKB COLLEGE

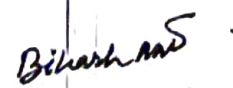
Role of CKBC will be to provide infrastructure necessary for the course. It will coordinate and provide facilities for smooth running of the course.


This Memorandum shall come into force on the date of agreement by both the signatories.


Signature Principal
(Principal, CKBC) C K B College, Teek

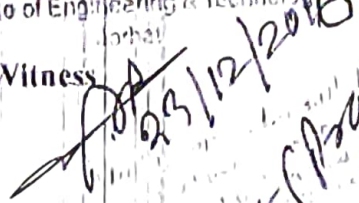
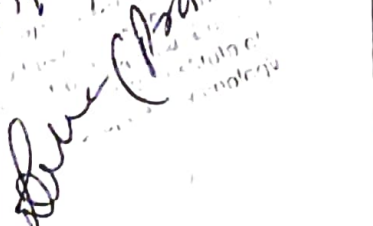
Witness

1) 
(Dr. Abhijit Bhuyan).

2) 
(Dr. Bikash Nath).


Signature
(Principal, POWIET)
H. R. H. The Prince of Wales
Institute of Engineering & Technology

Witness


23/12/2016

(Principal, POWIET)

*MEMORANDUM
OF
UNDERSTANDING*

Signed on

3rd day of August 2017

Between

*JORHAT INSTITUTE OF SCIENCE
AND TECHNOLOGY*

&

*CHANDRA KAMAL BEZBARUAH
COLLEGE, TEOK, JORHAT, ASSAM*

MEMORANDUM OF UNDERSTANDING

Between

JORHAT INSTITUTE OF SCIENCE AND
TECHNOLOGY

AND

CHANDRA KAMAL BEZBARUAH COLLEGE,
TEOK, JORHAT, ASSAM

This Memorandum of Understanding (Henceforth abbreviated as MoU) is signed on this day of 03-08-2017 between Jorhat Institute of Science and Technology, (Henceforth abbreviated as JIST) located at Jorhat 785010, a premier Institute of Science and Technology, established in 1971 and Chandra Kamal Bezbaruah College (Henceforth abbreviated as CKBC), Teok, P.O, Jagduar, 785112. JIST is a pioneer institute of Upper Assam in offering science and technical education to the students of Assam since 1971. Now the Institute is executing an MoU with CKBC. On behalf of JIST Principal will execute the MoU through the Department of Computer Science and Information Technology of the Institute and from CKBC Principal will execute the same.

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

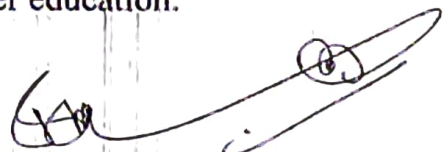
PREAMBLE :

We, the authorized persons of JIST and CKBC solemnly resolved to carry out the one year Diploma Course of "Computer Hardware and DTP" under the "College Community Development Programme" of CKBC. JIST will extend support by providing resource persons and technical skill and amenities to CKBC and hence on this day of 03-08-2017, the memorandum is signed for execution between JIST and CKBC.

BRIEF PROFILE OF THE ORGANISATIONS :

JIST is a premier science and technical institute of Upper Assam, estd. In 1971, offering Degree in Science with Courses in Major Science subjects namely Physics, Chemistry and Mathematics. In the year 2017, it was renamed as Jorhat Institute of Science and Technology with an aim to expand the Institute. New Departments namely Department of Computer Science and Information Technology was introduced in the year, 2007 by introducing 3 years professional course in B.Sc. (IT) and two Engineering Branches namely, Electronics and Telecommunication (ETC) and Power Electronics and Instrumentation (PE&I) in August, 2009 and two more new branches namely Mechanical Engineering and Civil Engineering are introduced from the academic session 2016-17. To fulfill the Mission and Vision of the Institute, from the academic session August, 2016, Post Graduate Degree Courses i.e. M.Sc. in Physics and Mathematics are introduced with due permission from the Affiliating University (Dibrugarh University) in regular mode as well M.Sc in Chemistry is introduced this year i.e. from the academic session 2017-18.

The C.K.B.College, Teok is a premier educational institution in the eastern part of Jorhat district, Assam, India. The college provides quality education offering Bachelor Degree. The institute has already been accredited by National Assessment and Accreditation Council (NAAC) in 2015 and awarded "B" (2.59) grade on the basis of its performance in the field of higher education.

A handwritten signature in black ink, consisting of a stylized 'G' followed by a long horizontal stroke that curves upwards at the end.

OBJECTIVE :

The main objective is to provide skill education to the rural youth for employment/self employment under skill development programme of the college.

SCOPE OF THE PROGRAMME :

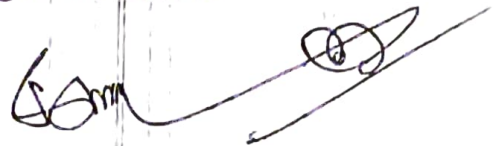
1. The course will have 40 to 50 students of the college and the catchment area, who have passed HSSLC examination,
2. The tenure of the course will be one year with both theory and practical.

ROLE OF JIST :

1. The JIST will provide resource person, technical skill and amenities as and when requires.

ROLE OF C.K.B. COLLEGE, TOK, JORHAT :

1. CKBC will provide infrastructure necessary for the course. It will Co-ordinate and provide facilities for smooth running of the course.

A handwritten signature in black ink, consisting of a stylized 'G' followed by a long horizontal stroke and a circular flourish at the end.

This Memorandum shall come in to force on the date of its signing by both parties and shall take effect for a period of 10 years.

This MoU may be renewed by mutual consent of both the institutions if the parties so desired or manually agreed terms.



PRINCIPAL

JIST JORHAT

(Signature & office seal)

Principal
Jorhat Institute of Science & Technology
Jorhat-10, Assam



PRINCIPAL

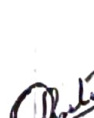
C.K.B. College, Teok, Jorhat

(Signature & office seal)


Principal
C.K.B. College, Teok

Witness :

1.


Dr. Chandan Chandra
Associate Professor &
Co-ordinator IQAC
JIST, Jorhat-10
Co-ordinator IQAC
JIST, JORHAT-10

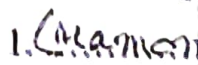
2.


J. M. M. M.
HOD, L.S. & IT Deptt.
JIST, Jorhat-10

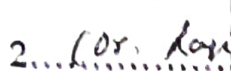
Placed
Jorhat, Jorhat
other

Witness :

1.


Mamoni
VICE PRINCIPAL
C. K. B. College, Teok

2.


Dr. K. K. K.
Co-ordinator IQAC
C.K.B. College Teok

MOU

Metal Fabrication

&

**Maintenance of Refrigeration & Air
Conditioning Equipments & Household
Appliances**

MEMORANDUM OF UNDERSTANDING

Between

H.R.H. PRINCE OF WALES INSTITUTE OF
ENGINEERING AND TECHNOLOGY

AND

CHANDRA KAMAL BEZBARUAH COLLEGE,
TEOK, JORHAT, ASSAM

*MEMORANDUM
OF
UNDERSTANDING*

Signed on

___13th___ day of ___June___ 2019

Between

*H.R.H. PRINCE OF WALES
INSTITUTE OF ENGINEERING AND
TECHNOLOGY*

&

*CHANDRA KAMAL BEZBARUAH
COLLEGE, TEOK, JORHAT, ASSAM*

MEMORANDUM OF UNDERSTANDING

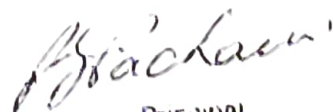
Between

H.R.H. PRINCE OF WALES INSTITUTE OF
ENGINEERING AND TECHNOLOGY

AND

CHANDRA KAMAL BEZBARUAH COLLEGE,
TEOK, JORHAT, ASSAM

This Memorandum of Understanding (Henceforth abbreviated as MoU) is signed on this day of 13th June 2019 between H.R.H.Prince of Wales Institute of Engineering and Technology(Henceforth abbreviated as POWIET) located at Jorhat 785001, a premier Institute of Engineering and Technology, established in 1927 and Chandra Kamal Bezbaruah College (Henceforth abbreviated as CKBC), Teok, P.O. Jagduar, 785112.POWIET is a pioneer institute of Upper Assam in offering engineering and technical education to the students of Assam since 1927. Now the Institute is executing an MoU with CKBC. On behalf of POWIET Principal will execute the MoU through the Machanicial Engineering Department of the Institute and from CKBC Principal will execute the same.


Principal
C K B College, Teok

PREAMBLE :

We, the authorized persons of POWIET and CKBC solemnly resolved to carry out the one year Diploma Course of "METAL FABRICATION" and "REFRIGERATOR, WASHING MACHINE AND AIR CONDITIONER REPAIRING" under the "College Community Development Programme" of CKBC. POWIET will extend support by providing resource persons and technical skill and amenities to CKBC and hence on this day of 13th June 2019 the memorandum is signed for execution between POWIET and CKBC.

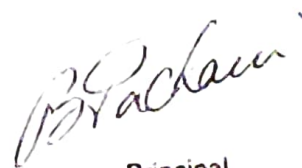
BRIEF PROFILE OF THE ORGANISATIONS :

POWIET is a premier technical institute of Upper Assam, estd. in 1927, offering Diploma Course in Electrical Engineering, Mechanical Engineering, Automobile Engineering, Civil Engineering, Instrumentation Technology and Electronics and Telecommunication Engineering etc. It is the first technical education institute of North East India to offer post metric technical education.

The C.K.B.College, Teok is a premier educational institution in the eastern part of Jorhat district, Assam, India. The college provides quality education offering Bachelor Degree. The institute has already been accredited by National Assessment and Accreditation Council (NAAC) in 2015 and awarded "B" (2.59) grade on the basis of its performance in the field of higher education.

OBJECTIVE :

The main objective is to provide skill education to the rural youth for employment/self employment under skill development programme of the college.


Principal
C K B College, Teok

SCOPE OF THE PROGRAMME

1. The course will have 40 to 50 students of the college and the catchment area, who have passed HSSLC examination.
2. The tenure of the course will be one year with both theory and practical.

ROLE OF POWIET, JORHAT:

The POWIET will provide resource person, technical skill and amenities as and when required.

ROLE OF C.K.B.COLLEGE, TEOK, JORHAT:

CKB College will provide infrastructure necessary for the course. It will coordinate and provide facilities for smooth running of the course.

BENEFITS OF THE INSTITUTION:

1. Technical support to educated unemployed youth for their livelihood and thus provide community services.
2. Internal Revenue generation of the institution.
3. Optimum utilization of infrastructure and services of teachers of the institution.

FINANCIAL INVOLVEMENT:

Expenditure for conducting the course will be borne by CKB College, Teok. It includes:

1. Remuneration to the Official, Resource person and Staff.
2. Expenditure on laboratory and workshop materials and also charges for maintenance.
3. Charges for utilizing infrastructures and
4. Expanses on field visits, project work etc.



Principal
C.K.B. College Teok.

This Memorandum shall come in to force on the date of its signing by both parties and shall take effect for a period of 10 years.

This MoU may be renewed by mutual consent of both the institutions if the parties so desired or manually agreed terms.



PRINCIPAL

POWIET JORHAT

(Signature & office seal)



PRINCIPAL

Principal
C K B College, Teok

C.K.B. College, Teok

(Signature & office seal)

Witness :

1. Mohan Lal Tali

2.

Witness :

1. Binsy brot Rajkhawa

..... Junti Baruah

MODEL CURRICULUM

for

One Year Skill Oriented Certificate Course on Refrigeration and Air-Conditioning and other household Appliances

OBJECTIVES: After completion of the course, the students will be able to:

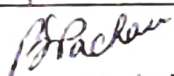
1. Explain different laws and principles of basic sciences
2. Understand basic engineering (electrical, mechanical, electronics and computer science)
3. Explain the principle of operation of different refrigerating equipments, air-conditioners and other household appliances.
4. Develop troubleshooting skills of different refrigerating and air conditioning equipments and other household appliances.
5. Solve problems in refrigerating and air- conditioning equipments and other household appliances
6. Prepare a project report to set up their own enterprise
7. To use different types of tools and equipments required for maintenance of refrigerating, air-conditioning and other household appliances
8. Acquire professional competencies and skills to take up gainful employment
9. Develop professional attitude in their place of work.

The course will comprise of:

- 30% on basic sciences and basic engineering
- 50% on professional skills and competencies
- 10% attitude and communication skills
- 10% projects, on-site visits etc.

Course Curriculum for Diploma in Fishery

Sl No.	Module	Key Learning Outcomes	Equipment Required
1	Introduction Theory Duration 05.00 hrs. Practical Duration 05.00 hrs	<ul style="list-style-type: none"> Understand General Discipline in the class room (Do's & Don'ts) Study the current scope and importance of freshwater Fish and Seed production in Assam Understand the role of a Farm Manager and the progression pathways. Understand the Common Freshwater Fish and identification of different Fishes. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Fish Species sample.
2	Site Selection for an Ideal Fish Farm Theory Duration 15.00 hrs Practical Duration 10.00 hrs	<ul style="list-style-type: none"> Importance of Site Selection. Understand different types of soil. Understand the method of land area calculation. Understand the importance of water requirement for a Fish Farm. Importance of accessibility to Input availability and Market. 	<ul style="list-style-type: none"> Spade, Hoe, Measuring tape etc.
3	Construction of a Fish Farm Theory Duration 15.00 hrs Practical Duration 10.00 hrs	<ul style="list-style-type: none"> Understand about different type of Fish Farm. Carry out Land Survey. Understand about different types of Pond. Pond construction technique. Understand about Farm security. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector Measuring tape etc.
4	Development of Derelict Water Bodies Theory Duration 10.00 hrs Practical Duration 10.00 hrs	<ul style="list-style-type: none"> Understanding the Importance and advantages of developing derelict water bodies. Techniques to develop derelict water bodies. Understand the Impact of aquatic weeds in Fish pond and their Identification and its control. 	<ul style="list-style-type: none"> Rope, hooks, Field trips etc.
5	Management of a Fish Farm Theory Duration 10.00 hrs	<ul style="list-style-type: none"> Understand the importance of proper Management of a Fish Farm including General protection, Physical protection of the farm. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector.


 Principal
 C K B College, Teok

	<p>Practical Duration 2.00 hrs</p>	<ul style="list-style-type: none"> Understand the Labour management. Understand the Importance of the management of farm equipment's etc. 	
6	<p>Fish Feed</p> <p>Theory Duration 5.00 hrs</p> <p>Practical Duration 3.00 hrs</p>	<ul style="list-style-type: none"> Understand the importance of Fish Feed in Scientific Fish Farming Understand different types of Fish Feed. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Feed sample
7	<p>Composite Fish Farming</p> <p>Theory Duration 15.00 hrs</p> <p>Practical Duration 5.00 hrs</p>	<ul style="list-style-type: none"> Understand the food habit of different Carp Fishes. Understand the water and soil quality for Fish Farming. Pre-stocking Management technique. Understand Fish Seed for scientific Fish farming. Stocking technique. Post Stocking Management technique. Harvesting of Fishes. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Field Trips. pH Paper, DO meter etc.
8	<p>Integrated Fish Farming with Animal.</p> <p>Theory Duration 12.00 hrs</p> <p>Practical Duration 3.00 hrs</p>	<ul style="list-style-type: none"> Understand the basics of Integrated Fish farming. Understand the different types of Integrated Fish Farming Viz. Pig, Poultry, Duck and Cattle. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Field Trips.
9	<p>Integrated Fish Farming with Agriculture/Horticulture.</p> <p>Theory Duration 3.00 hrs</p> <p>Practical Duration 2.00 hrs</p>	<ul style="list-style-type: none"> Understand the basics of Integrated Fish farming. Understand the different types of Integrated Fish Farming with Agri/Horticultural Product. 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Field Trips.
10	<p>Carp Hatchery and Breeding</p> <p>Theory Duration 15.00 hrs</p> <p>Practical Duration 10.00 hrs</p>	<ul style="list-style-type: none"> Understand the Importance of quality Fish Seed in Fish production. Understand the Brood Fish. Understand different stages of Fish seed. Understand the Fish Breeding behaviour. Understand the Hatchery System and Fish Breeding 	<ul style="list-style-type: none"> Laptop, White board, marker, Projector. Field Trips.

		technology.	
11	Seed Production and Management Theory Duration 15.00 hrs Practical Duration 10.00 hrs	<ul style="list-style-type: none"> • Understand different types of Pond for Seed Rearing • Understand the Nursery Management practices. • Understand the Rearing Pond management Practices. • Understand the Seed transportation Technique. 	<ul style="list-style-type: none"> • Laptop, White board, marker, Projector. • Field Trips.
12	Fish Disease Theory Duration 5.00 hrs Practical Duration 5.00 hrs	<ul style="list-style-type: none"> • Understand different types of Carp Fish diseases, its prevention and Control. 	<ul style="list-style-type: none"> • Laptop, White board, marker, Projector. • Field Trips.

Hackam
Principal
C K B College, Teok