

SHORT TERM COURSE  
on  
POTATO and its COLD STORAGE  
under  
*QIP / STC*  
at  
**AGRICULTURAL AND FOOD ENGINEERING DEPARTMENT  
INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR - 721302**

Principal Coordinator: **Dr. Tridib Kumar Goswami**  
Duration of course: 11/05/2015 to 16/05/2015  
**Course Fee per participant: Rs. 4000/-**  
Mode of payment: Bank draft in favour of "**CEP-STC, IIT, Kharagpur**"  
Accommodation & Food: Can be arranged on prior request and on payment basis  
**Rs.2000/- per head (double sharing, non ac, BF, lunch,  
& Dinner)**

*IIT Kharagpur is 5 km from Rly Station. Auto/ Rickshaw fare is Rs. 100 / 50.*

Brief Course outline:

1. Plant protection measures of potato and quality control
2. Quality assessment of potato under storage conditions
3. Problems and solutions of excess power consumption, faulty operation, damaged insulation, lack of safety, and unplanned maintenance.
4. Appropriate storage technique and types of refrigeration for optimum cooling of a cold store.
5. Problems and its measures of electrical circuitry in a cold store
6. Desirable and undesirable changes during processing and preservation of potato
7. Deep fat frying of potato and its commercial implication
8. Products development from potato
9. Radiation preservation of potato
10. Discussion at sight

**AICTE approved participants are free from all charges**

Participants are requested to send the following information, duly signed by the applicant, latest by 17<sup>th</sup> April, 2015:

- (a) Name
- (b) Father's Name
- (c) Home Address with Tel. No.
- (d) Date of birth
- (e) Name and address of the institute / organization / industry
- (f) Academic qualification
- (g) Accommodation required or not
- (h) Draft no. and amount
- (i) **AICTE approval certificate from the institute**
- (j) Faculty, Research Scholar, and M.Tech / B.Tech students of AICTE approved institutes can join the course depending on availability of seat.

Course completion certificate will be provided at the end of the programme

**Short term Training course on potato and its storage**  
**Course ID: QIP/STC/15-16/AGFE/09 from 11 to 16 May '15**  
**Time Table for STC - 2015**

Day	9:30 - 10:30 a.m	10:30 - 11:30 a.m.	11:30 - 12:30 a.m.	12:30 to 2:00 p.m	2:00 - 3:00 p.m.	3:00 - 4:00 p.m.	4:00 - 5:00 p.m.
Monday 11/05/15	Inauguration Followed by Intro. To the course TKG	Problems encountered in a cold storage TKG	Scientific approach to reduce the energy consumption & losses MKC	L U N C H B R E A K	Principles of Refrigerated Preservation of potato TKG	Problems and solutions of faulty operations and unplanned maintenance - I MKC	
Tuesday 12/05/15	Problems and solutions of faulty operations and unplanned maintenance - II MKC				Problems and solutions of faulty operations and unplanned maintenance - III MKC		
Wednesday 13/05/15	Practical Training MKC and TKG				in the Cold Storage MKC and TKG		
Thursday 14/05/15	Agronomic package of practices for cultivation of potato HB	Changes in potato during processing and preservation TKG	Seed Potato Production and TPS production HB		Major pests and diseases of potato And their control measures HB	Quality assessment of potato under storage conditions TKG	Deep fat frying of potato and its commercial implication PPT

Friday 15/05/15	Desirable and undesirable changes during processing and preservation of potato  SKD	Products development from potato  MD	Radiation preservation of potato  HNM		Problems and its measures of electrical circuitry in a cold store  SS	Structural pattern of cold rooms  ND	Utilization of potato waste  PSR
Saturday 16/05/15	MULTIPURPOSE COLD STORAGE – DISCUSSION  MKC & TKG						Validity function

TKG : Prof. T.K. Goswami  
 MKC : Prof. Manoj Kumar Chourasia  
 HB : Prof. HIRAK BANERJEE  
 PPT : Prof. P.P. Tripathy  
 SKD : Prof. S.K. Das  
 MD : Prof. M. Das  
 HNM : Prof. H.N. Mishra  
 SS : Prof. S. Sen  
 ND : Prof. N. Dhang  
 PSR : Prof. P.S. Rao

**APPLICATION FORM**  
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Faculty, Research Scholar, and M.Tech / B.Tech students of **AICTE approved** institutes can join the course depending on availability of seat. Valid **AICTE approval certificate** is required to be attached.

**Course completion certificate will be provided at the end of the programme**

**LAST DATE OF RECEIVING APPLICATION FORM: 17<sup>th</sup> APRIL, 2015**

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- (b) Father's Name
- (c) Home Address with Tel. No. / Mob No.:
- (d) Date of birth
- (e) Name and address of the institute / organization / industry
- (f) Academic qualification
- (g) **Accommodation required or not:** [Yes] [No]
- (h) For non AICTE Approved institute / industry people: Draft no. and amount  
(1) for course fee:  
(2) for accommodation and food:
- (i) **AICTE approval certificate from the institute attached:** [Yes] [No]

(Signature of the Applicant)

(Signature with seal of Head)