

1. **Name of the Institution**
 - Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar, West Bengal -736165
Telephone - (03582) 270948, Mobile- 9475833777, Email- deantech@ubkv.ac.in
2. **Name and address of the Trust/ Society/ Company and the Trustees**
 - Prof. Subhendu Bandyopadhyay
Registrar, Uttar Banga Krishi Viswavidyalaya
Pundibari, Coochbehar, West Bengal -736165
Telephone - (03582) 270588, Mobile- 9434126763, Email- registrar@ubkv.ac.in
3. **Name and Address of the Vice Chancellor/ Principal/ Director**
 - DR. CHIRANTAN CHATTOPADHYAY
Vice Chancellor, Uttar Banga Krishi Viswavidyalaya
Pundibari, Coochbehar, West Bengal -736165
Telephone - (03582) 270249, Mobile- 9434748016, Email- vc@ubkv.ac.in
4. **Name of the affiliating University**

Not applicable
5. **Governance**
 - **Members of the Board (Executive Council) and their brief background:**
 1. Dr. Chirantan Chattopadhyay, Vice-Chancellor & Chairman, Executive Council, UBKV, Pundibari.
 2. Additional chief Secretary, Department of Agriculture or his nominee not below the rank of Joint Secretary, Govt. of West Bengal, “Nabanna” 325, Sarat Chatterjee Road, Mandirtala, Shivpur, Howrah-711102.
 3. The Principal Secretary, Department of Finance or his nominee not below the rank of Joint Secretary, Govt. of West Bengal.
 4. Principal Secretary, Dept. of Horticulture and Food Processing, Govt. of West Bengal or his nominee not below the rank of Joint Secretary,
 5. Director of Agriculture, Govt. of West Bengal, Writers’ Buildings, Kolkata.
 6. Director of Horticulture, Govt. of West Bengal,
 7. Prof. Tapan Kumar Hath, Dean, Faculty of Agriculture, UBKV, Pundibari.
 8. Prof. Jagadish Chandra Jana, Dean , Faculty of Horticulture, UBKV, Pundibari.
 9. Dean (Actg.), Faculty of Technology, UBKV, Pundibari.
 10. Dean, Post Graduate Studies, UBKV, Pundibari.
 11. Director of Research (Actg.), UBKV, Pundibari, Cooch Behar.
 12. Director of Extension Education (Actg.), UBKV, Pundibari.
 13. Dr. H. Pathak, Director, ICAR-National Rice Research Institute, Cuttack 753 006, Odisha; Cell: 9437579257, 9899247590; Email: hpathak.iari@gmail.com
 14. Prof. (Dr.) M. S. Jahanara, Department of Agriculture Extension, Sam Higginbottom, Institute of Agriculture, Technology and Sciences (a deemed University), Naini, Allahabad.
 15. Professor (Dr.) Ashok Tripathi, Department of Farm Machinery, Vaugh School of Agriculture Engineering & Technology, Sam Higginbottom, Institute of Agriculture, Technology and Sciences (a deemed University), Naini, Allahabad-211007.
 16. Dr. S. K. Bhaduri, Eminent Scientist & Ex Principal Scientist and Head, National Institute of Research on Jute and Allied Fibre (NIRJAFT), 46/1, Green Park, Block-A, Kolkata-700055.
 17. Dr. D. Basu, Eminent Scientist, Prof, Agril. Extension Department, BCKV,

Mohanpur, Nadia.

18. Sri Rabindra Nath Ghosh, MLA, (Natabari), P.O. & Dist. Cooch Behar.
19. Mrs. Khalida Hossain, Progressive Farmer, Nilkuthi, P.O. & Dist. Cooch Behar.
20. Shri Abdul Jalil Ahmed, N.N. Road, Rail Gumti, P.O. & Dist. Cooch Behar.
21. Prof. Ashok Choudhury- Elected Teacher – EC Member
22. Prof. D. Mukhopadhyay- Elected Teacher- EC Member
23. Dr. Subhendu Bandyopadhyay- Elected Teacher - E.C. Member
24. Dr. Rupak Sarkar- Elected Teacher- E.C. Member
25. Dr. Partha Sarathi Patra- Elected Teacher- E.C. Member
26. Registrar & Member Secretary, UBKV, Pundibari.

● **Members of Academic Advisory (Academic Council) Body:**

1. Vice-Chancellor – Ex officio Chairman, Academic Council, UBKV, Pundibari
2. Registrar – Ex officio Member Secretary, Academic Council, UBKV, Pundibari
3. Secretary, Department of Agriculture , Govt. of West Bengal or his nominee , Writers' Buildings, Kolkata-01
4. Dean, Post Graduate Studies , UBKV, Pundibari
5. Dean, Faculty of Agriculture , UBKV, Pundibari
6. Dean, Faculty of Horticulture , UBKV, Pundibari
7. Dean, Faculty of Technology , UBKV, Pundibari
8. Director of Research , UBKV, Pundibari
9. Director of Extension Education , UBKV, Pundibari
10. Director of Farms , UBKV, Pundibari
11. Prof. Pintoo Bandyopadhyay, Professor, Department of Agronomy, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia-741 252
12. Prof. Utpal Kotoky, Professor, Department of Pomology, College of Horticulture, Assam Agriculture University, Jorhat, P.O. Assam Agriculture University, Pin-785013, Assam
13. Head, Department of Agricultural Extension,F/Ag. UBKV, Pundibari
14. Head, Department of Agricultural Economics,F/Ag. UBKV, Pundibari
15. Head, Department Plantation Crops and Processing, F/Hort.,UBKV, Pundibari
16. Head, Department of Vegetable and Spice Crops,F/Hort., UBKV, Pundibari
17. Prof. Prabhat Kumar Paul, Department of Agricultural Extension,F/Ag., UBKV, Pundibari
18. Prof. Arup Sarkar, Department of Genetics and Plant Breeding, F/Ag., UBKV, Pundibari
19. Dr. Nripendra Laskar, Department of Agricultural Entomology, F/Agriculture, UBKV, Pundibari
20. Dr. Bidhan Chandra Roy, Department of Seed Science & Technology, F/Agriculture, UBKV, Pundibari
21. Dr. Amarendra Nath Dey, Department of Forestry, F/Horticulture, UBKV, Pundibari
22. Prof. Dibyendu Mokhopadhyay, Department of Soil Science and Agricultural Chemistry, F/Agriculture
23. Prof.Pradyut Kumar Paul, Department of Pomology and Post-Harvest Technology, F/Hort, UBKV, Pundibari
24. President Central Students' Union, UBKV, Pundibari

● **Frequently of the Board Meeting and Academic Advisory Body:**

Once in a month

- **Organizational chart and processes**
- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements:**
 Faculties are very much aware and involved in taking regular classes, Examinations etc. Students are also engaged with regular learning and With the examination system
- **Mechanism/ Norms and Procedure for democratic/ good Governance:**
 All the University higher official posts are chosen on seniority basis with good academic and administrative background.
- **Student Feedback on Institutional Governance/ Faculty performance:**
 We have the student feedback system regarding faculty performance.
- **Grievance Redressal mechanism for Faculty, staff and students:**
 The Grievance Redressal Committee is empowered to receive and dispose the online grievance of students / faculty / stakeholders of the University as and when required. Upon receipt of my grievance the Committee shall fix a date for meeting and communicate its decision within one month of receipt of complaint. The Chairman of the Committee may co-opt any other member as invitee to the Committee, if required.

Body of this Committee –

1. Registrar - Chairman
 2. Mr. Prafulla Kumar Pal – Convenor
 3. Dean, Faculty of Agriculture – Member
 4. Dean, Faculty of Horticulture – Member
 5. Dean, Faculty of Technology – Member
 6. Dean, Post Graduate Studies – Member
 7. Dean, Students' Welfare – Member
 8. Prof. Debapriya Sarkar – Member
- **Establishment of Anti Ragging Committee**
 The anti-ragging committee has been constitution for the year 2018-2019.
 Member of anti-ragging committee:
 1. Vice-chancellor, UBKV – Head/Chairman
 2. Dean students' Welfare, UBKV – Convener
 3. Office-In-Charge, Pundibari Thana
 4. B.D.O. Coochbehar/Representative of District Magistrate, Coochbehar
 5. Nominated member for local media forwarded by district information & cultural officer, Coochbehar
 6. Nominated member from N.G.O. involved in youth activities forwarded by district welfare officer, Coochbehar.
 7. Dean, Post Graduate Studies, UBKV
 8. Dean, F/ Agriculture, UBKV
 9. Dean, F/Horticulture, UBKV
 10. Dean, F/Technology, UBKV
 11. Associate Dean, Collage of Agriculture, Majhian, Dakshin Dinajpur
 12. Dr. Partha Sarathi Patra, Assistant Professor, RRS, Terai Zone, UBKV
 13. Dr. Bimal Das, Assistant Professor, Dept. of GPB, Collage of agriculture, Majhian, Dakshin Dinajpur
 14. Dr. Nripendra Laskar, Associate Professor, Dept. Of Agri. Entomology, F/Ag, UBKV
 15. Prof.(Mrs) D. Sarkar, Professor in Fishery, RRS, Terai Zone, UBKV
 16. Dr. Sabita Mandal, Asst. Professor, Dept. of Agri. Extension, F/Ag, UBKV
 17. Prof. Pradyut Kr. Paul, Professor, Dept. of PPHT, F/Hort, UBKV
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18. Dr. Arpita Mandal Khan, Dept. of Floriculture, F/Hort, UBKV
19. Er. Ashis Kr. Das, Assistant Professor, F/Tech, UBKV
20. Dr. Om Prakash Chaturvedi, Assistant Professor, F/Tech, UBKV
21. Mrs. Sakila Khanam, Office of the Registrar, UBKV
22. Rayajul Hasan Sarkar, Office of the Dean, F/Ag, UBKV
23. One representative from present student nominated by C.S.U, UBKV
24. One representative from fresher student nominated by C.S.U, UBKV
25. One parent representative nominated by C.S.U, UBKV

- **Establishment of Online Grievance Redressal Mechanism:**

Option is available at University web portal for submission any kind of complaint through online for students and employees. The grievance redressal committee always looks into the matter to take necessary action in this regard.

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University:**

The hon'ble vice-chancellor is placed to appoint **Dr. S.K. Bhaduri, Eminent Scientist and Ex Principal Scientist and Head, National Institute of Research on Jute and Allied Fibre (NIRJAFT), 46/1, Green Park, Block-A, Kolkata-700055** as OMBUDSMAN for Faculty of Technology, UBKV for the interim period till 0.6.05.2020.

- **Establishment of Internal Complaint Committee (ICC):**

The internal compliant committee (ICC) has been reconstitution in this university with the following members a view to protect women from sexual harassment at work place as per the sexual harassment of women at work place (Prevention, Prohibition and redressal) Act, 2013 & sexual harassment of women at work place (Prevention, Prohibition and redressal) Rule, 2013.

Body of this Committee –

1. Dr.(Mrs.) Debapriya Sarkar - Chairperson
(Associate Professor)
2. Dr. Nandita Sahana – Member
(Assistant Professor)
3. Dr. Sabita Mandal – Member
(Assistant Professor)
4. Khaleda Hossain – Member
(Member of Executive Council, UBKV)
5. Smt. Madhuchanda Sengupta – Member
(Sr. Stenographer)
6. Sakila Khanam – Member
(Jr. Assistant)
7. Mrs. Shefali Goswami(Bagchi) – Member
(Councilor, Family counseling centre
Red Cross Bhavan, Hakimpara, Siliguri)

- **Establishment of Committee for SC/ ST:**

A committee has been constituted to look into the Discriminating complaints received from SC/ST.

Students/Teachers and Non-teaching Staff.

Body of this committee –

1. Dr. Nripendra Laskar, Associate Professor - Chairman
 2. Mr. Prafulla Kumar Paul, Assistant Librarian - Convenor
 3. Dr. Sabita Mondal, Assistant Professor - Member
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|---|----------|
| 4. Dr. Surajit Khalko, Assistant Professor | - Member |
| 5. Dr. Prabhat Kr Paul, Associate Professor | - Member |
| 6. Mr. Shyamlal Sutradhar, Lab Attendant | - Member |
| 7. Mr. Sanjib Dey, Steward | - Member |

- **Internal Quality Assurance Cell:**

The internal quality assurance cell (IQAC) shall function following the guideline of national assessment and accreditation council (NAAC) of UGC as per version 5 dated 12/01/2018(23/05/2018)(copy enclosed) and / or the guidelines of ICAR as may be laid down from time to time.

The IQAC of the university has been formed as follows:

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|--|----------------|
| 1. Vice-Chancellor, UBKV | - Chairperson |
| 2. Prof. Arup Sarkar, Professor, F/Ag | - Co-ordinator |
| 3. Dean, F/Agriculture | - Member |
| 4. Dean, F/ Horticulture | - Member |
| 5. Dean, F/ Technology | - Member |
| 6. Dean, Post Graduate Studies | - Member |
| 7. Director of Research | - Member |
| 8. Prof. Suvendu Kr. Roy, Professor, F/Ag | - Member |
| 9. Er. A.K. Das, Asstt. Professor, F/Tech | - Member |
| 10. Prof. Subhendu Bandyopadhyay
Professor, F/Ag | - Member |
| 11. Dr. Partha Sarathi Patra,
Assistant Professor, F/Ag | - Member |
| 12. Prof. P.K. Paul, Professor, F/Hort | - Member |
| 13. Mr. Amal Roy, Secretary
Satmil Satish Club O Pathagar | - Member |

6. Programmes:

- **Name of Programmes approved by AICTE:**
B.tech in Agricultural Engineering
 - **Name of Programmes Accredited by AICTE:**
NIL
 - **Status of Accreditation of the Courses:**
NOT APPLIED
 - **Total number of Courses:** 1
 - **No. of Courses for which applied for Accreditation:** 0
 - **Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for Courses**
 - **For each Programme the following details are to be given:**
 - Name:** B.Tech in Agricultural Engineering
 - Number of seats:** AICTE Approved- 18
 - Duration:** 4 Years
 - Cut off marks/rank of admission during the last three years:**
Through WBJEE with 45% in PCM
 - Fee:** For hosteller's at the time of admission Rs. 22,000.00 And for Day Scholer's 19,900.00 And
From Second semester to eight semester (For each semester) Rs. 13,100.00 For hosteller and Rs.12,500.00 Day Scholar.
 - Placement Facilities:** Yes
 - **Campus placement in last three years with minimum salary, maximum salary and average salary:**
Campus Placement in last three years= 4 ;
Total Annual Salary= 389232.00
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- **Name and duration of programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:** Nil

Details of the Foreign University

- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country ****
- Ranking of the University in the Home Country ***
- **Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country:** NA
- **Nature of Collaboration:** NA
- **Conditions of Collaboration:** NA
- **Complete details of payment a student has to make to get the full benefit of Collaboration:** NA
- **For each Programme Collaborated provide the following:** NA
 - Programme Focus
 - Number of seats
 - Admission Procedure
 - Fee
 - Placement Facility
 - Placement Records for last three years with minimum salary, maximum salary and average salary
 - Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval.

7. Faculty

- **Branch wise list Faculty members:**

SL. NO.	Name of the Faculties	Branch
1.	Dr. Rupak Sarkar	Soil and Water conservation Engineering
2.	Er. Subinay Saha Roy	Civil Engineering
3.	Er. Ashis Kumar Das	Electrical Engineering
4.	Er. Himadri Sikhon Koner	Food Processing Engineering
5.	Er. Arindam Mandal	Mechanical Engineering
6.	Dr. Om Prakash Chaturvedi	Farm Machinery and Power Engineering
7.	Madhurima Mandal Saha	Computer Science Engineering
8.	Mr. Subhrajyoti Roy	English
9.	Mr. Anuj Kumar Bal	Engineering Physics
10.	Mr. Ashutosh Dutta	Engineering Chemistry
11.	Mr. Kousik Das	Engineering Mathematics
12.	Dr. Samir kumar Das	Farm Machinery and Power Engineering
13.	DR. Satyendra Chandra Sarkar	Agricultural Economics
14.	Dr. Gobinda Mular	Agricultural Economics
15.	Dr. Probhat Pal	Agricultural Extension
16.	Dr. Kousik Pradhan	Agricultural Extension
17.	Dr. Ganesh Chandra Banik	Soil Science and Agricultural Chemistry

SL. NO.	Name of the Faculties	Branch
18.	Dr. Shovik Deb	Soil Science and Agricultural Chemistry
19.	Dr. Gopal Sukla	Forestry
20.	Dr. Nazir Ahmad Pala	Forestry
21.	Dr. Prodyut Kumar Paul	Pomology & Post Harvest Technology
22.	Dr. Shrilekha Das	Plantation Crops and Processing

- **Permanent Faculty:** 22
 - **Adjunct Faculty:** 4
 - **Permanent Faculty: Student Ratio :** 1: 4
 - **Number of Faculty employed and left during the last three years**
Employed: 01 and Left: 02
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8. Profile of Vice Chancellor/ Director/ Principal/ Faculty
For each Faculty give a page covering with Passport size photograph

CHIRANTAN CHATTOPADHYAY

Indian Council of Agricultural Research: Agricultural Research Service (ICAR: ARS)

Vice Chancellor *Uttar Banga Krishi Viswavidyalaya*

Pundibari, Coochbehar -736165, West Bengal, India

Email: chirantan_cha@hotmail.com; Cell: +91 9582289566;

Skype: chirantan_chattopadhyay



Education:

Ph.D. Mycology and Plant Pathology, Indian Agricultural Research Institute, New Delhi, India, 1992.

M.Sc. (Ag.) Plant Pathology, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal, India, 1989.

Appointments:

2016 – present: Vice Chancellor Uttar Banga Krishi Viswavidyalaya

Pundibari, Coochbehar -736165, West Bengal, India

2012-16: Director, National Centre for Integrated Pest Management (ICAR) - ISO 9001: 2008 certified

LBS Building, Pusa Campus, New Delhi 110012, India

2009-12: Principal Scientist (ICAR: ARS), Plant Pathology & Head, Division of Crop Protection

Indian Institute of Pulses Research (Indian Council of Agricultural Research / ICAR), Kanpur, UP

2007-09: Principal Scientist (ICAR: ARS), Plant Pathology, Directorate of Rapeseed-Mustard Research (ICAR),

Bharatpur, Rajasthan

1999-2007: Senior Scientist (ICAR: ARS), Plant Pathology, Dte of Rapeseed-Mustard Research (ICAR), Bharatpur

1997-99: Scientist (ICAR: ARS) – Senior Scale, Plant Pathology, Dte of Oilseeds Research (ICAR), Hyderabad

1993-97: Scientist (ICAR: ARS), Plant Pathology, Directorate of Oilseeds Research (ICAR), Hyderabad

1992-93: Scientist (ICAR: ARS), Plant Pathology, National Acad. Agril. Res. Management (ICAR), Hyderabad

(i) Member Secretary (1999-2001), first Quinquennial Review Team (1993-99) on Rapeseed-Mustard of the Indian

Council Agril Res. (ii) Member Secretary, Research Advisory Committee, National Res. Centre Rapeseed-Mustard,

Bharatpur (2002, 2007-09) and Indian Institute Pulses Res., Kanpur (2009). (iii) Member Secretary, Institute Research

Council (IRC), Indian Institute Pulses Res., Kanpur (2009-12). (iv) Member of Management Committee, Directorate

Groundnut Res. (erstwhile National Research Centre on Groundnut), Junagadh (2008-11) and

Directorate Rapeseed-Mustard Res. (erstwhile National Res. Centre Rapeseed-Mustard), Bharatpur (2009-12).

Technologies / concepts developed:

- **Patent** for Bioformulation of soil fungus *Aspergillus niger* strain AN27 to biofungicide-cum-biofertilizer *Kalisena*
Seed Dressing formulation (2003) [Patent no.123/ 191420 of Indian Class and C 05C 009/00 of International Class,
vide The Gazette of India no. 48 of 29 Nov-05 Dec 2003; part-III, section 2]
- Fusarium wilt resistant genotypes in safflower (1993-99)
- Involvement of nematode (*Rotylenchulus reniformis*) in wilt complex of castor
- Seed treatment with *Trichoderma viride* in castor for managing wilt complex (*Fusarium oxysporum* f. sp. *ricini* + *Rotylenchulus reniformis*), safflower for managing Fusarium wilt (*F. oxysporum* f. sp. *carthami*) and sesame for managing stem-root rot (*Macrophomina phaseolina*), *T. harzianum* formulations to substitute fungicides for management of major diseases in oilseeds Brassicas (AB, WR, SR, PM, CR, etc.), which has been included in the IPM package of the respective crops (1993-2008)
- Seed treatment (and foliar application) of 2% (w/v) aqueous bulb extract of *Allium sativum* for management of Sclerotinia rot, Alternaria blight, club root and white rust diseases of mustard, Alternaria blight of sunflower, safflower (1995-2007)
- Forecasting of diseases (Alternaria blight, white rust, powdery mildew, Sclerotinia rot) and aphid of rapeseed-mustard in major cropping areas of India (1999-2008) – please ref. online (www.drmr.res.in/aphidforecast/index.php) software; forecasting system for diseases, insect-pests of rice (2012-15), pod fly of pigeonpea (2009-12, sucking pests of cotton (2012-15)
- Identification of lines of *Brassica juncea* resistant to mixture of isolates of *Albugo candida* (2004)
- Indian mustard high yielding variety NRCDR-02 for Zone II (Rajasthan, Punjab, Haryana, Delhi, Jammu and UP) which is tolerant to Alternaria blight and Sclerotinia rot diseases (2000-06); Indian mustard variety NRCHB 101 (2000-08), first Indian mustard hybrid NRCHB 506 (2004-08)
- Input management research in integrated pest management (IPM)

Grants:

- **Principal Investigator (PI):** Plant Pathology programme, ICAR All India Coordinated Research Project on Rapeseed-Mustard (AICRP-RM), 2003-09, ICAR-funded, Indian Rupees 170 million for X Plan, 260 million for XI Plan; centres: 17 AICRP-RM centres.
 - **PI:** Functional Genomics of Alternaria blight of mustard under ICAR National Network on Transgenics in Crops, 2005 –09, ICAR, 3.67 million Indian Rupees.
 - **Nodal Officer,** Experimental Agro-Advisory Services, 2005-09, funded by NCMRWF (MoES/ Govt. of India),
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1,00,000 Indian Rupees per year.

Chirantan-2

- **PI (Mustard):** Global Change Research on Climate and Crop Disease Risk Management: An International Initiative in the Asia-Pacific Region, 2005-08, Asia-Pacific Network Programme, US\$ 44600 (2.0 million Indian Rupees), involving Australia (UWS), USA, Cambodia, Bangladesh, WMO.
- **PI (Mustard):** National Network on Management of Alternaria blight in *Brassica juncea* and vegetable crops, 2004-08, ICAR AP-Cess Fund Scheme, Indian Rupees 13 million (centres: NRCRM Bharatpur, GBPUAT Pantnagar, CCSHAU Hisar, PAU Ludhiana, RAU Dholi, IIHR Bangalore, IIVR Varanasi, IARI New Delhi).
- **PI:** Development of weather-based forewarning systems for crop pests and diseases – Program 6: Mustard, 2001-04, National Agricultural Technology Project funding from World Bank, Indian Rupees 5.7 million (centres: NRCRM Bharatpur, BCKV Mohanpur, IARI New Delhi).
- **PI:** Development of improved biocontrol agent for castor wilt management, 1998-99, Institute of Public Enterprises under the AP-Netherlands Biotechnology Programme, Indian Rupees 2.43 million.
- **Co-PI:** Effect of climate change on pest and diseases of major food crops (mustard, groundnut, pigeonpea) – budget Rs 13.5 million (2011-12).
- **Co-PI:** ACIAR-funded Indo-Australia-China Collaborative Project on Oilseed *Brassica* Improvement – July 2004 – June 2009 (for work on Sclerotinia rot: worth 125700 Australian \$).
- **Co-PI:** DFID-funded Indo-UK Collaborative Project on Oilseed Brassica – Phase II – Dec 2002 – Jul 2007 (for work on white rust: worth Indian Rupees 6.8 million).

Publications:

Peer reviewed Full paper: 81 (Foreign journal: 25; Indian journal: 56); Short commns: 12; Books: 10; Review chapt: 29

Selected Publications:

1. Kumar, A.; Bhattacharya, B.K.; Kumar, V.; Jain, A.K.; Mishra, A.K. and **Chattopadhyay, C.** 2016. Epidemiology and forecasting of insect-pests and diseases for value-added agro-advisory. *Mausam* 67: 267-276.
 2. Saravanan, P.; Divya, S.; Venkatesan, P.; Tanwar, R.K.; Birah, A.; **Chattopadhyay, C.**; Jeyakumar, P.; Barik, A. 2015. Trend analysis of pests and diseases complex in *Bt* cotton. *J. Crop Prot.* 4 (4): 431- 439.
 3. Kumar, A.; **Chattopadhyay, C.**; Singh, K.N.; Vennila, S. and Rao, V.U.M. 2014. Trend analysis of climatic variables in pigeonpea growing regions in India. *Mausam* 65: 161-170.
 4. Kumar, A.; Agrawal, R. and **Chattopadhyay, C.** 2013. Weather based forecast model for diseases in mustard crop. *Mausam* 64: 663-670.
 5. Fondevilla, S.; **Chattopadhyay, C.**; Khare, N. and Rubiales, D. 2013. *Erysiphe* is able to overcome *er1* and *Er3*, but not *er2*, resistance genes in pea. *European Journal of Plant Pathology* 135: 557-563.
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6. Meena, P.D.; Gour, R.B.; Gupta, J.C.; Singh, H.K.; Awasthi, R.P.; Netam, R.S.; Godika, S.; Sandhu, P.S.; Prasad, R.; Rathi, A.S.; Rai, D.; Thomas, L.; Patel, G.A.; **Chattopadhyay, C.** 2013. Non-chemical agents provide tenable, eco-friendly alternatives for the management of the major diseases devastating Indian mustard (*Brassica juncea*) in India. *Crop Protection* 53: 169-174.
7. Bhattacharya, B.K. and **Chattopadhyay, C.** 2013. A multi-stage tracking for mustard rot disease combining surface meteorology and satellite remote sensing. *Computers and Electronics in Agriculture* 90: 35-44.
8. Kumar, V.; Kumar, A. and **Chattopadhyay, C.** 2012. Design and implementation of web-based aphid (*Lipaphis erysimi*) forecast system for oilseed Brassicas. *The Indian Journal of Agricultural Sciences* 82: 608-614.
9. Sarika; Iquebal, MA and **Chattopadhyay, C.** 2011. Modelling and forecasting of pigeonpea (*Cajanus cajan*) production in India using Autoregressive Integrated Moving Average methodology. *Indian Journal of Agricultural Sciences* 81: 520-523.
10. Matis, J.M.; Kiffe, T.R.; Matis, T.I. and **Chattopadhyay, C.** 2008. Generalised aphid population growth models with immigration and cumulative-size dependent dynamics. *Mathematical Biosciences* 215: 137-143.
11. Dutta, S.; Bhattacharya, B.K.; Rajak, D.R.; **Chattopadhyay, C.**; Dadhwal, V.K.; Patel, N.K.; Parihar, J.S.; Verma, R.S. 2008. Modelling regional level spatial distribution of aphid (*Lipaphis erysimi*) growth in Indian mustard using satellite-based remote sensing data. *International Journal of Pest Management* 54: 51-62.
12. Bhattacharya, B.K.; Sujay Dutta; Dadhwal, V. K.; Parihara, J.S.; **Chattopadhyay, C.**; Agrawal, R.; *et al.* 2007. Predicting aphid (*Lipaphis erysimi*) growth in oilseed Brassica using near surface meteorological data from NOAA TOVS – a case study. *International Journal of Remote Sensing* 28: 3759-3773.
13. Li, C.X.; Li, H.; Siddique, A.B.; Sivasithamparam, K.; Salisbury, P.; Banga, S.S.; Banga, S.; **Chattopadhyay, C.**; Kumar, A.; Singh, R.; Singh, D.; Agnihotri, A.; Liu, S.Y.; Li, Y.C.; Tu, J.; Fu, T.D.; Wang, Y. and Barbetti, M.J. 2007. The importance of the type and time of inoculation and assessment in the determination of resistance in *Brassica napus* and *B. juncea* to *Sclerotinia sclerotiorum*. *Australian J. Agricultural Res.* 58: 1198-1203.
14. Li, C.X.; Sivasithamparam, K.; Walton, G.; Salisbury, P.; Burton, W.; Banga, S.; Banga, S.S.; **Chattopadhyay, C.**; Kumar, A.; Singh, R.; Singh, D.; Agnohotri, A.; Liu, S.; Li, Y.; Fu, T.D.; *et al.* 2007. Expression and relationships of resistance to white rust (*Albugo candida*) at cotyledonary, seedling and
-

flowering stages in

Brassica juncea germplasm from Australia, China and India. *Australian Journal of Agricultural Research* 58: 259-264.

Chirantan-3

15. **Chattopadhyay, C.**; Agrawal, R.; Amrender Kumar; Singh, Y.P.; Roy, S.K.; Khan, S.A.; *et al.* 2005. Forecasting

of *Lipaphis erysimi* on oilseed Brassicas in India – a case study. *Crop Protection* 24: 1042-1053.

16. **Chattopadhyay, C.**; Agrawal, R.; Kumar, A.; Bhar, L.M.; Meena, P.D.; Meena, R.L.; Khan, S.A.; *et al.*

2005. Epidemiology and forecasting of Alternaria blight of oilseed *Brassica* in India – a case study.

Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz (Journal of Plant Diseases and Protection) 112: 351-365.

17. Desai, A.G.; **Chattopadhyay, C.**; Ranjana Agrawal; Kumar, A.; Meena, R.L.; Meena, P.D.; Sharma, K.C.;

Srinivasa Rao, M.; Prasad, Y.G. and Ramakrishna, Y.S. 2004. *Brassica juncea* powdery mildew epidemiology and

weather based forecasting models for India – a case study. *Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz*

(Journal of Plant Diseases and Protection) 111: 429-438.

18. Roy, S.; Meena, R.L., Sharma, K.C.; Vinod Kumar; **Chattopadhyay, C.**; Khan, S.A.; Chakravarty, N.V.K.

2005. Thermal requirement of oilseed *Brassica* cultivars at different phenological stages under varying

environmental conditions. *Indian Journal of Agricultural Sciences* 75: 717-721.

19. Meena, P.D.; Meena, R.L.; **Chattopadhyay, C.** and Kumar, A. 2004. Identification of critical stage for

disease development and biocontrol of Alternaria blight of Indian mustard (*Brassica juncea*). *Journal of*

Phytopathology 152: 204-209.

20. Kalpana Sastry, R. and **Chattopadhyay, C.** 2003. Development of fusarium wilt-resistant genotypes in

safflower (*Carthamus tinctorius*). *European Journal of Plant Pathology* 109: 147-151.

21. Meena, R.L.; Meena, P.D. and **Chattopadhyay, C.** 2003. Potential for biocontrol of white rust of Indian

mustard (*Brassica juncea*). *Indian Journal of Plant Protection* 31: 120-123.

22. **Chattopadhyay, C.** and Varaprasad, K.S. 2001. Potential of bioagents in castor wilt management. *Indian Journal*

of Plant Protection 29: 1-7.

23. **Chattopadhyay, C.** 1999. Yield loss attributable to Alternaria blight of sunflower (*Helianthus annuus* L.) in

India and some potentially effective control measures. *International Journal of Pest Management* 45: 15-21.

24. Kalpana Sastry, R. and **Chattopadhyay, C.** 1999. Effect of soil solarization on *Fusarium oxysporum* f. sp.

carthami population in endemic soils. *Indian Phytopathology* 52: 51-55.

25. **Chattopadhyay, C.** and Bineeta Sen. 1996. Integrated management of Fusarium wilt of

muskmelon (*Cucumis melo* L.) caused by *Fusarium oxysporum* Schlecht. *Indian Journal of Mycology and Plant Pathology* **26**: 162-170.

Honours:

- **Fellow, National Academy of Agricultural Sciences - India**
 - **ICAR Award: Rajashri Tandon Rajbhasha Puraskar, First Prize** for small institute category of 2014-15 to ICAR: NCIPM for usage of Hindi as official language in 'k' and 'kha' regions.
 - **Dodla Raghava Reddy Memorial Gold Medal** from Plant Protection Association of India for outstanding contributions in plant protection
 - **ICAR: NCIPM ISO 9001: 2008 certified since March 2014, having sustained its audit in 2015, 2016.**
 - Conferred **DD Kisan Samman 2016** by *Prasar Bharati*
 - **Prof. S.B. Chattopadhyay Memorial Lecture**, Indian Mycological Society, 2014 at the International Symposium 2014 on 21 Feb 2014 at Kolkata
 - **Prof V.P. Bhide Memorial Award Lecture**, Indian Society of Mycology and Plant Pathology for 2010 at the 32nd Annual Conference of the Society on 24 Nov 2010 at Junagadh Agricultural University, Junagadh.
 - **Shri PP Singhal Memorial Award**, 2012-13 (Soc. Plant Protection Sciences)
 - Nomination to Commission for Agricultural Meteorology (CAgM-16) as expert for pest/disease modelling of the WMO
 - **Bioved Agri-Innovation Award – 2015** (Bioved Research Institute of Agriculture & Technology)
 - **Fellow of Indian Mycological Society (FIMS).**
 - **Fellow of Indian Society of Oilseeds Research (FISOR).**
 - **Fellow of Society of Rapeseed-Mustard Research (FSRMR).**
 - **Vice-President** of Plant Protection Association of India (2010-12), Society of Plant Protection Sciences (2014-16)
 - **Returning Officer** for Election of office bearers of the Indian Society of Pulses Research and Dev. for 2010-12.
 - **Fellow** of Indian Society of Mycology and Plant Pathology (FISMPP).
 - **Convenor** of Technical Session (9) on Epidemiology and Disease Assessment, 2nd Asian Congress of Mycology and Plant Pathology, 19-22 Dec 2007, organized by the Indian Soc. Mycol. Pl. Pathol. & Osmania University, Hyderabad.
 - **Hexamar Agricultural Research and Development Foundation (HARDF) Award for Outstanding Research in**
 - **Integrated Disease Management** for **2005** by the Indian Society of Oilseeds Research, Rajendranagar, Hyderabad.
 - **Best Paper Award for two papers** [Second Global Conference on Plant Health – Global Wealth organised by the Indian Soc. Mycol. Pl. Pathol., MPUAT, Udaipur, 25-29 Nov 2005].
 - **Vividhlaxi Audyogik Samshodhan Vikas Kendra (VASVIK) award 2004** for contribution by way of research in **Agricultural Sciences & Technology** by VASVIK apex committee (Patel Extrusion Group, Mumbai).
-

- **Councillor** of Plant Protection Association of India (2002-04).
 - **Fellow** of Indian Phytopathological Society (FPSI).
 - **Fellow** of Plant Protection Association of India (FPPAI).
- Chirantan-4
- **Pesticides India Award** of the Society of Mycology and Plant Pathology jointly with Dr Bineeta Sen (Indian Agril Research Institute, New Delhi) for the paper entitled “Integrated management of Fusarium wilt of muskmelon (*Cucumis melo* L.) caused by *Fusarium oxysporum* Schlecht.”.
 - Indian Phytopathological Society (IPS) **Best Poster Medal** jointly with Dr R. Kalpana Sastry (Scientist, Dte Oilseeds Res., Hyderabad) at the 48th Annual Meeting of the IPS, Punjab Agril Univ., Ludhiana during 14-16 Feb 1996 for the paper entitled “Effect of soil solarisation on *Fusarium oxysporum* f. sp. *carthami* population in endemic soils”.
 - **IARI Senior Fellowship** for Ph.D. in Mycology & Plant Pathology at the Indian Agril Research Institute, New Delhi.
 - **Certificate of Merit** for ranking first with the highest OGPA during the 2-year M.Sc. (Ag.) course in Plant Pathology at the Bidhan Chandra Krishi Viswavidyalaya, Mohanpur 741252 (WB).
 - **Junior Fellowship of the Indian Council of Agricultural Research** for 2-year M.Sc. (Ag.) course in Plant Pathology at Bidhan Chandra Krishi Viswavidyalaya, Mohanpur 741252 (WB).
 - **University Merit Scholarship** during 4-year B.Sc. (Ag.) Honours course at Bidhan Chandra Krishi Viswavidyalaya, Mohanpur 741252 (WB).
- Professional Activities:**
- **Chief Editor of *Journal of Oilseed Brassica*** (2009-12), **Member of Editorial Board of the *Journal of Mycology and Plant Pathology, Indian Journal of Plant Protection, The Journal of Plant Protection Sciences*** and *Sarson News*; **Co-Chairman** of General **Publication Core Committee** of *Indian Phytopathol. Soc.*, **Referee** for *Crop Protection* (Elsevier Publ.), *BioControl* (Kluwer Acad. Publ.), *Crop Pasture Science (Australian Journal of Agricultural Research)*, *Journal of Plant Interactions*, *Journal of the Science of Food and Agriculture, Indian Phytopathology*, *Indian Journal of Agricultural Sciences*, *Natural Product Radiance*, *Journal of Oilseeds Res.*, etc.
 - Attended training programme on Leadership for the 21st Century: Chaos, Conflict and Courage during 02-07 Feb 2014 at Harvard University John F. Kennedy School of Government (Executive Education), Cambridge, MA, USA
 - Attended Workshop on Climate and Agricultural Risk Management, Phnom Penh, Cambodia, 15-22 Nov 2009
 - Mentored five Ph.D. and nine M.Sc. graduate programmes.
 - Served on panel of judges in professional competitions, currently serving in one such contest, Chaired sessions in professional meets.
 - Attended Review and Planning Workshop on Climate and Crop Disease Risk Management:
-

an International initiative

in the Asia-Pacific Region, Dhaka (Bangladesh), 11-13 Feb 2008.

- Attended 16th Biennial Australasian Plant Pathology Society Conference on Back to Basics: Managing Plant Diseases, Adelaide, 24-27 Sep 2007 (including Workshop on Scientific Writing, 24 Sep 2007)
- Attended 15th Australian Research Assembly on Brassicas, Geraldton (Western Australia), Australia, 10-14 Sep 2007.
- Worked as Visiting Scientist for five months at Rothamsted Research, Harpenden, Hertfordshire, UK under the IndoUK Collaborative Project on Oilseeds Brassicas (on deputation from ICAR), 15 Apr-15 Sep 2004
- Attended a Course on Technical Writing organized by the Biotechnology and Biological Sciences Research Council (BBSRC) at Rothamsted Research, Harpenden, Hertfordshire, UK, 21-22 June 2004.
- Attended the International training on Crop-Disease-Weather Relationship and Forewarning System, Institute of Arable Crops Research, Rothamsted, Harpenden, Hertfordshire, UK, 20-31 May 2002.
- Course Co-ordinator of the training programme on IPM in Sunflower organized by the Directorate of Oilseeds Research, Hyderabad for participants from private firms at the Directorate during 22-25 Jan 1997.
- Program Co-ordinator, International Training Program on Sesame Pathology for a Kenyan Scientist organised with sponsorship of the Government of Kenya at the Directorate of Oilseeds Research, Hyderabad, 18 Sep-18 Nov 1996.
- Organized ICAR-sponsored Winter School on Advances in Rapeseed-Mustard Research Technology for Sustainable Production of Oilseeds, for 25 participants (Teachers and Researchers from State Agricultural Universities, Research Institutes of 13 states of India), 15 Dec 2004 – 04 Jan 2005
- Coordinator, Training Programme for Plant Pathologists under AICRP Chickpea, IIPR, Kanpur, 15-22 Feb 2010.

Member of Professional Societies:

- Life Member, Indian Phytopathological Society
- Life Member, Plant Protection Association of India
- Life Member, Indian Society of Mycology and Plant Pathology (formerly Society of Mycology and Plant Pathology)
- Life Member, Indian Society of Oilseeds Research
- Life Member, Indian Mycological Society
- Founder Life Member, Society of Rapeseed-Mustard Research
- Founder Member, Asian Agri-History Foundation
- Life Member, Indian Society of Pulses Research and Development
- Life Member, Society of Plant Protection Sciences
- Annual Member, The International Society of Plant Morphologists (ISPM)
- Annual Member, National Institute of Scientific Communication and Information Resources / NISCAIR (CSIR)

Countries visited: UK, USA, Australia, Bangladesh, Cambodia, Malawi

Faculty Profile

Title : Dr.
Name : RUPAK SARKAR
Father's Name: CHITTA RANJAN SARKAR
Present Designation: Dean (Acting), Faculty of Technology &
Associate Professor, RRS (TZ)



Contact No.: 9475833777

E-mail: rupaks19@gmail.com / deantech.ubkv@gmail.com

Permanent Address: Nilkuthi Railghumti, Near S.P. Bungalow, Cooch Behar,
West Bengal - 736101

Date of Birth : 19-11-1979

Caste : Unreserved

Marital Status : Married

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Civil Engineering	2011	Indian Institute of Technology Guwahati	Water Resources Engineering	CPI 10/10 in course work
M.Tech. in Agricultural Engineering	2005	G.B. Pant University of Agriculture and Technology	Irrigation and Drainage Engineering	81.51
B.Tech. (Agricultural Engineering)	2002	Bidhan Chandra Krishi Viswavidyalaya	Agricultural Engineering	81.30
Higher Secondary	1998	W.B.C.H.S.E	Science	82.60
Madhyamik	1996	W.B.C.S.E	Math, P.Sc., L.Sc., Hist., Geo., Beng., Eng., W.Edu.	82.11
Qualified NET				
Any other	GATE & ICAR-JRF			

Teaching experience and associated courses

UG Course: Unrevised

SWC 356 Soil and Water Conservation Engineering
SWC 368 Irrigation and Drainage Engineering
SWC 369 Hydrology
SWC 370 Irrigation and Drainage Equipment Design

SWC 381 Remote Sensing and Geographic Information System

Revised (on the basis of the 4th Dean's committee recommendation)

SWC 201 Soil and Water Conservation Engineering
SWC 202 Watershed Hydrology
SWC 251 Irrigation Engineering
SWC 301 Groundwater, Wells and Pumps
SWC 351 Drainage Engineering
SWC 352 Soil & Water Conservation Structures
SWC 405 Remote Sensing and GIS Applications
SWC 404 Microirrigation Systems Design
AEN 251 Fundamentals of Soil Water and Conservation Engineering

Revised (on the basis of the 5th Dean's committee recommendation)

SWC 201 Soil and Water Conservation Engineering
SWC 202 Watershed Hydrology
SWC 251 Irrigation Engineering
SWC 252 Sprinkler and Microirrigation Systems
SWC 301 Groundwater, Wells and Pumps
SWC 302 Watershed Planning and Management

PG Course : M.Sc (Hort)

PPT 503 Water Management in Fruit Crops (2009-10).

Other academic activity :

.Was a member of the sub-committee for preparing syllabuses of the following undergraduate courses for Module Crop Production.

.Remote Sensing and Geographical Information System for Natural Resource Management and Land Use Planning

.Soil Management (Conservation, Problematic Soil, and Soil Quality)

Service Experience:

Assistant Professor: 11-10-2007 to 29-03-2017

Associate Professor: 30-03-2017 to present date

Dean (Acting), Faculty of Technology: 20-07-2015 to present date

Academic Supervising Experience:

Guided B.Tech students in the following projects:

.2009: "Delineation of Teesta and Torsa River Basins from Remotely Sensed Satellite Data" – (Completed).

.2009: "Design of Drop Spillway for a Drainage Channel" – (Completed).

.2010: "Variability of Infiltration Rate for Different Soil Structures as Influenced by the Existing Land Use and Land Cover" – (Completed).

- .2010: “Application of the MACRO Model for Simulating Water Flow through Soils with Different Degree of Macroporosity”- (Completed).
- .2011: “Scopes and constraints of adopting micro-irrigation system for horticultural crops in North Bengal” – (Completed)
- .2012: “Field testing of twin-nozzle agricultural sprinklers” – (Completed)
- .2013: “Modelling reference evapotranspiration using artificial neural network technique for an eastern Sub-Himalayan (Terai) station with different levels of input data” – (Completed)
- .2014: “Design and testing of a low cost portable rainfall simulator” – (Completed)
- .2015: “Testing of drip emitters at low operating pressure head” – (Completed)
- .2016: “Utilization of residual soil moisture through relay cropping” – (Completed)\
- .2018: “Performance evaluation of a solar water pumping system” – (Completed)

Project Exposure and Consultancy:

“Improving water use for dry season agriculture by marginal and tenant farmers in the Eastern Gangetic Plains”

- A multi-country (Nepal, India and Bangladesh) and multi-institutional project to be funded by the Australian Centre for International Agriculture Research (ACIAR) and the International Water Management Institute (IWMI) will be the implementing institution.

Role: **Principal Investigator (PI)**

Academic Society Association:

- .Member of the International Association of Hydrological Sciences (ID: 12092)
- .Member (S.M.ASCE) of the American Society of Civil Engineers (ID: 478951)
- .Life Member of the Indian Association of Hydrologists (ID: LM-1712)

Training Course coordination: NIL

Administrative experience:

- .Acting as Dean of Faculty of Technology since July, 2015.
 - .Was the former Convener of the Computer Management Committee (CMC) of the University and presently member of Computer and Network Management Committee.
 - .Was a member of the Research Council of Uttar Banga Krishi Viswavidyalaya (UBKV).
-

Extra curricular Activity:

- .Represented and captained Indian Institute of Technology Guwahai football team in the 42nd Inter IIT Sports Meet 2006.
- .Represented Indian Institute of Technology Guwahai football team in the IIT Guwahati Annual Sports Festival ‘SPIRIT’ in 2006.

University literature publication: NIL

Rural Agricultural Work Experience involvement: Was an evaluator of RAWWE programme.

Resource person:***Delivered Lecture in the following Training Programmes***

- .Delivered lecture in AICTE sponsored QIP short-term course “Hydroinformatics for Surface and Subsurface Water Resources” on *Introduction to Geographical Information System (GIS)* at IIT Guwahati on 10th June, 2008.
- . Delivered lecture on *Biodiesel in India: Constraints and Prospects* in the NOVOD Board (Ministry of Agriculture, Govt. of India) sponsored Trainer and Farmers’ Training Programme on “Tree Borne Oilseed Species: Ecological and Economic Benefits” at the Regional Research Station (Hill Zone), Kalimpong, Darjeeling, West Bengal during 27-28th March, 2009.
- .Delivered lecture on *Pressurized Irrigation Systems: Scopes and Benefits* in the Indian Council of Agricultural Research (ICAR), Govt. of India sponsored XI Plan Scheme (2007-2012) “Scaling-up of Water Productivity in Agriculture for Livelihoods through Teaching-cum-demonstration, Training of Trainers and Farmers” held at UBKV, West Bengal, during 24-30th March, 2009.

Reviewer:

Journal of Hydrologic Engineering (American Society of Civil Engineers):

Advances in Water Resources (Elsevier)

Geocarto International (Taylor and Francis)

Irrigation & Drainage (Wiley)

Training Programme Participation:

- .Participated in 28 days Refresher Course of UGC at University of North Bengal.
-

.Participated in the two weeks NNRMS (ISRO) sponsored training programme on “*Remote Sensing and GIS*” at Indian Institute of Technology Kharagpur during 5-16th May, 2008.

.Attended the AICTE sponsored QIP short-term course on “*Hydroinformatics and Flood Management (HFM-2006)*” at IIT Guwahati.during 16-20th October, 2006.

.Participated in GIS training programme on “*Geoinformatics and its Applications*” organized by *Coordinates*, cGIT Delhi, at IIT Guwahati during 18-20th September, 2006.

Scholarships/Fellowships/Awards:

.Awarded International Travel Support Grant from the Science and Engineering Research Board (SERB) of Govt. of India for presenting a paper in an international conference FRIEND WATER – 2014 at Montpellier, France.

.Received Institutional Fellowship during regular Ph.D. studentship from IIT Guwahati

.Was a regular recipient of ICAR – Junior Research Fellowship during M.Tech

.Received University merit scholarship during B.Tech

.Received National Prize for securing high rank in Higher Secondary (10+2) examination.

External expert:

Acted as question setter and evaluator of end semester examinations at Central Agricultural University, CAEPHT, Gangtok and Bidhan Chandra Krishi Viswavidyalaya.

Publication:

Full Papers in International Journal: 06

Full Papers in National Journal : 04

Review paper: NIL

Research note/ short communication in National Journal: NIL

Extension Literature/Article: NIL

Proceedings paper: 02

Book Chapters : NIL

Books/Technical reports: 03

Abstract published: 06

List of Publications (Citation style)

Research Papers in International Journal:

- .K. Ravi Kumar, **Rupak Sarkar**, C.P. Suresh, M.R. Bhanusree, S.K. Ghosh, M. Sattiraju and S. Chakravarty (2017). Growth, Yield and Water Use Efficiency as Influenced by Irrigation Scheduling in Banana (*Musa spp.*, AAA group) var. Grand Naine During Water Deficit Period in Terai Zone of West Bengal, *International Journal of Tropical Agriculture*, 35(2), 245-258.
- .**Rupak Sarkar**, Subashisa Dutta and Amit Kumar Dubey (2015). An insight into the runoff generation processes in wet sub-tropics: Field evidences from a vegetated hillslope plot. *Catena (Elsevier)*, 128, 31-43.
- .**Rupak Sarkar** and Subashisa Dutta (2015). Parametric study of a physically-based plot-scale hillslope hydrological model through virtual experiments. *Hydrological Sciences Journal (Taylor and Francis)*, 60(3), 448-467.
- .**Rupak Sarkar** and Subashisa Dutta (2012). Field investigation and modeling of rapid subsurface stormflow through preferential pathways in a vegetated hillslope of northeast India. *Journal of Hydrologic Engineering (ASCE)*, 17(2): 333-341.
- .Sangeeta Shougrakpam, **Rupak Sarkar**, and Subashisa Dutta (2010). An experimental investigation to characterise soil macroporosity under different land use and land covers of northeast India. *Journal of Earth System Science (Springer)*, 119(5): 655-674.
- .Sudipta Kumar Mishra, **Rupak Sarkar**, Subashisa Dutta and Sushma Panigrahy (2008). A physically based hydrological model for paddy agriculture dominated hilly watersheds in tropical region. *Journal of Hydrology (Elsevier)*, 357(3-4): 389-404.
- .**Rupak Sarkar**, Subashisa Dutta and Sushma Panigrahy (2008). Characterizing overland flow on a preferential infiltration dominated hillslope: Case study. *Journal of Hydrologic Engineering (ASCE)*, 13(7): 563-569.

.Research Papers in National Journal:

- .Rishabh Dev Sharma, **Rupak Sarkar**, and Subashisa Dutta (2013). “Run-off generation from fields with different land use and land covers under extreme storm events.” *Current Science*, 104(8): 1046-1053.
- .**Rupak Sarkar**, Subashisa Dutta and Sushma Panigrahy (2008). Effect of scale on infiltration in a macropore dominated hillslope. *Current Science*, 94(4): 490-494.
- .**Rupak Sarkar**, Shiv Kumar, Yogendra Kumar and H.C. Sharma (2007). Groundwater modelling for prediction of water table depth in Ramganga-Bahgul interbasin of Uttar Pradesh. *Hydrology Journal*, 30(1-2): 123-133.

Review paper: NIL

D. Research Notes/Short Communication in National Journal: NIL

E. Conference Proceedings:

Pori Das, Aminul Islam, Subashisa Dutta, Amit K. Dubey, and **Rupak Sarkar** (2014). Estimation of runoff curve numbers using a physically-based approach of preferential flow modelling, *IAHS Publication 363*, 443-448.

Rupak Sarkar and Subashisa Dutta (2009). An experimental and modelling investigation of macropore dominated subsurface stormflow in vegetated hillslopes of northeast India. In Yilmaz, K.K, Yucel, I., Gupta, H.V., Wagener, T., Yang, D., Savenije, H., Neale, C., Kunstmann, H., and Pomeroy, J. (Eds.) *New approaches to hydrological prediction in data-sparse regions, IAHS Publication 333*, 145-152.

F. Extension literature/Article: NIL

G. Book Chapters:

H. Books/Technical reports:

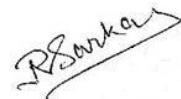
- .**Rupak Sarkar** (2012). *Groundwater modelling: A comparison between multiple regression and artificial neural network approaches*, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-659-25948-7, pp. 1-137.
- .**Rupak Sarkar**, Subashisa Dutta, S.K. Dash, Sushma Panigrahy and Shyamal Ghosh (2008). *Analysis of water balance in rice agriculture system using a distributed hydrological model*. Project Report No. CE/P/SD/01.
- .Subashisa Dutta and **Rupak Sarkar** (2006). *Digital Image Processing*. Lecture notes of the Training Programme “*Geo-Informatics and its Applications*”, held at IIT Guwahati, India, 18-20 September, 2006.

Participation in International/ National/State level Conferences:

- .Pori Das, Aminul Islam, Subashisa Dutta, Amit K. Dubey, and **Rupak Sarkar** (2014). Estimation of runoff curve numbers using a physically-based approach of preferential flow modelling, *IAHS Publication 363*, 443-448. International FRIEND WATER Conference held at Montpellier, France, October, 2014.
- .**Rupak Sarkar** and Subashisa Dutta (2013). An insight into the hydrological extremities in a vegetated hillslope of Northeast India. In ‘*Holistic Scientific Approach using Integrated Geophysical Studies for the Management of Natural Hazards*’. Organized by the North Eastern Space Applications Centre (NESAC), Govt. of India, Department of Space, 22-23 April, 2013, Umiam, Meghalaya, India.
- .**Rupak Sarkar**, Subashisa Dutta and Sushma Panigrahi (2006). Hydrological response of hillslopes in the Brahmaputra Basin: An experimental and modeling investigation. In ‘*An International Perspective on Environmental and Water Resources*’, Organized by EWRI of ASCE and IIT Kanpur, December 18-20, 2006, New Delhi, India.
- .Subashisa Dutta and **Rupak Sarkar** (2006). Subsurface stormflow study for hydrological extremities management in North-Eastern India. In ‘*NEGeo-2006 – Developing North East Geospatially*’. September 21-22, 2006, Guwahati, India

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.



Place : Coochbehar

(Signature)

Date:01.11.2018

Faculty Profile



Title : Mr

Name : Ashis Kumar Das

Father's Name: Shri Adhir Kumar Das

Present Designation: Assistant Professor

Present Address : West Khagrabari Road, Opposite of gourio moth, P.O. & Dist. Coochbehar
PIN-736101

Tel/ Fax No.: 03582 270948

E-mail: akdubkv@gmail.com

Permanent Address: New Milan Pally, Sukanta Sarani, Siliguri – 734005, W.B.

Date of Birth : 15.04.1979

Caste : General

Marital Status : Married

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Engg	Pursuing			
M.Tech. in Electrical Engg.	2006	NIT, Durgapur	Industrial Electrical System	7.16 (CGPA)
B.Tech in Electrical Engg	2004	North Bengal University	Electrical and Electronics Engg.	87%
Higher Secondary	1997	WBCHSE	Science	56.5%
Madhyamik	1995	WBBSE	General	71.6%
Qualified NET	No			
Diploma in Electrical Engg.	2000	WBSCTE	Electrical Engg	83.9%

Teaching experience and associated courses

UG Course: Unrevised

Revised (on the basis of the 4th Dean's committee recommendation) Electrical Circuits, Applied Electronics and Instrumentation, Electrical Machine and power utilization.

PG Course : M.Sc (Ag) in Agril. Extension: - Nil

PhD:- Nil

Other academic activity : Served different administrative and academic activities as per need of University.

Previous working Experience: 12 years.

Academic Supervising Experience:

Project Exposure and Consultancy: NIL

Academic Society Association: AMIE, ISTE, COBACAS, IEEE

Training Course coordination: NIL

Administrative experience: served as Dean (Actg) of Faculty of Technology, UBKV

Extracurricular Activity: NIL

University literature publication: NIL

Rural Agricultural Work Experience involvement: NIL

Resource person: 3

Reviewer: NIL

Training Programme Participation: 4.

Scholarships/Fellowships: NIL

Award: NIL

External expert: NIL

Publication:

Full Papers in International Journal: 4

Full Papers in National Journal : NIL

Review paper: NIL

Research note/ short communication in National Journal: NIL

Extension Literature/Article: NIL

Proceedings paper: NIL

Book Chapters : NIL

Books: NIL

Abstract published: NIL

List of Publications (Citation style)

.Research Papers in International Journal:

1. A K. Das, S. Halder, " Pharmacodynamic Model of Ligand Gated Ion Channel Concomitant with Cell Signalling Pathways," in International Journal of Engineering and Management Research, vol. 5, no. 6, pp. 263-269, Dec. 2015.

2. A K. Das, S. Halder, "Analysis of Heart Rate Variability Linked with Autonomic Nervous System," in International Journal of Engineering and Management Research, vol. 6, no. 5, pp. 418-426, Oct. 2016.

3. A K. Das, S. Halder, " Baseline Wander Correction and Impulse Noise Suppression Using Cascaded Empirical Mode Decomposition and Improved Morphological Algorithm," in International Journal of Applied Engineering Research, vol. 12, no. 10, pp. 2329-2337, 2017.

.Research Papers in National Journal:

.Review paper:

D. Research Notes/Short Communication in National Journal:

E. Conference Proceedings:

F. Extension literature/Article:

G. Book Chapters:

H. Books:

Participation in International/ National/State level Conferences:

Details

<i>Serial No.</i>	<i>Name of the Seminar/ Symposium/ Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>
1	IEEE International conference MICROCOM 2016	NIT Durgapur	23-25 Jan, 2016	2016	3
2	IEEE International conference ICRCICN 2016	RCC Institute of Information Technology	3-5 Nov, 2017	2017	3
3	IEEE Devices for Integrated Circuit (DevIC)	Kalyani Government Engineering College	23-24 March, 2017	2017	2

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.



(Signature)

Place : Coochbehar

Date: 01.11.2018

Faculty Profile



Title : ER.
Name : ARINDAM MANDAL
Father's Name: BIPUL MANDAL
Present Designation: ASSISTANT PROFESSOR
Present Address : FACULTY OF TECHNOLOGY, UBKV, PUNDIBARI, COOCHBEHAR,
WB-736165
Tel/ Fax No.: 09831419157(MB)
E-mail: arindamubkv@gmail.com
Permanent Address: B-3/174, POST-KALYANI, DIST-NADIA, WB-741235
Date of Birth : 28/11/1986
Caste : SC **Marital Status :** MARRIED

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks/DGPA/CGPA
Ph. D			N.A.	
M.TECH	2012	IIT KHARAGPUR	THERMAL SCIENCE AND ENGINEERING	6.31 (CGPA)
B.TECH	2009	W.B.U.T	MECHANICAL ENGINEERING	7.56 (DGPA)
Higher Secondary	2004	W.B.C.H.S.E	SCIENCE	64.90%
Madhyamik	2002	W.B.B.S.E	N.A.	74.50%
Qualified NET			N.A.	
Any other (GATE)	2009			

Teaching experience and associated courses: 4.5 Years of teaching experience in UBKV.

UG Course: Unrevised

Revised (on the basis of the 5th Dean's committee recommendation)

Thermodynamics-Refrigeration and Air Conditioning, Workshop Practice and Technology, Engineering Drawing, Heat and Mass Transfer, Theory of Machines, Machine Design and Auto CAD.

PG Course : M.Sc (Ag) in Agril. Extension : N.A.

PhD : N.A.

Other academic activity :

Previous working Experience: 2 years as Assistant Professor.

Academic Supervising Experience: Supervised 04 B.Tech Thesis Report

Project Exposure and Consultancy: N.A.

Academic Society Association:

Training Course coordination:

Administrative experience: Nodal Officer of scholarship(F/Tech), Team Leader of Physical verification committee, member of University ICAR committee, member of University Admission Committee, member of Departmental Purchase committee, member of Departmental Standing committee, member of Central Level Committee.

Extracurricular Activity: Travel & Trekking, Painting, Cricket and Chess.

University literature publication:

Rural Agricultural Work Experience involvement:

Resource person:

Reviewer:

Training Programme Participation: 01

Scholarships/Fellowships:

Award: MHRD

External expert: External examiner in BCKV (Mohanpur, Nadia, WB-741252).

Publication:

Full Papers in International Journal:

Full Papers in National Journal :

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)

- 1. Research Papers in International Journal:** International Journal of Scientific & Engineering Research, Volume 7, Issue 9, September-2016, ISSN 2229-5518, Pg. No-1671-1676.
- 2. Research Papers in National Journal:**

3. Review paper:

D. Research Notes/Short Communication in National Journal:

E. Conference Proceedings:

F. Extension literature/Article:

G. Book Chapters:

H. Books:

Participation in International/ National/State level Conferences:

Details :

<i>Serial No.</i>	<i>Name of the Seminar/Symposium/Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>

Declaration :

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.



Place : Coochbehar

Date: 01.11.2018

(Signature)

Faculty Profile



Title : Er

Name : Himadri Shekhar Konar

Father's Name: Pranab Kumar Konar

Present Designation: Assistant Professor

Present Address : Faculty of Technology, UBKV, Pundibari, Cooch Behar, WB – 736 165

Tel/ Fax No.: +91-9434535498

E-mail: hskonar@gmail.com

Permanent Address: Kanksa Singh Para, Panagarh Bazar, Burdwan, WB - 713148

Date of Birth : 02/02/1986

Caste : General

Marital Status : Married

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage/ CGPA of Marks
Ph. D in Agriculture				
M.Tech	2009	IIT Kharagpur	Dairy and Food Engineering	8.61
B.Sc. (Ag) Hons	2007	Bidhan Chandra Krishi Viswavidyalaya	Agricultural Engineering	7.97
Higher Secondary	2003	WBCHSE	Science	84.1%
Madhyamik	2001	WBBSE	Phy. Sc, Life Sc., Math	91.5%
Qualified NET	2010	ASRB		
Any other	NA	NA	NA	NA

Teaching experience and associated courses

2.5 years at UBKV.

UG Course: Unrevised

Revised (on the basis of the 4th Dean's committee and 5th recommendation)

Engineering Properties of Biological Materials and Food Quality, Dairy & Food Engineering, Crop Process Engineering, Drying and Storage Engineering, Refrigeration and Air conditioning, Food Packaging Technology, Development of Processed Products & Equipments,

PG Course :

PhD : NA

Other academic activity:

Previous working Experience:

4.5 years of teaching experience as assistant professor in College of Agriculture, Tripura.

Academic Supervising Experience:

Supervised six B.Tech Project thesis.

Project Exposure and Consultancy:

Academic Society Association:

Training Course coordination:

Administrative experience:

Joint convener of University admission committee, member of Quality Control Laboratory (QCL),
Convener of departmental standing committee.

Extra curricular Activity:

University literature publication:

Rural Agricultural Work Experience involvement:

Resource person:

Reviewer:

Training Programme Participation:

Scholarships/Fellowships:

- .Senior Research Fellow, funded by Tea Board of India
- .Awarded Scholarship of Ministry of Human Resource Development(MHRD), Government of India,
during M.Tech
- .Awarded University Merit Scholarship during Under-graduate studies
- .Award:

External expert:

External Examiner at BCKV, Mohanpur, West Bengal.

External Examiner at Central Agricultural University(CAU), Imphal.

Publication:

Full Papers in International Journal: 1

Full Papers in National Journal : 1

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)

.Research Papers in International Journal:

Effects of novel vacuum drying on orthodox and CTC tea processing, Anand Kishore, **H. S. Konar** and A. K. Datta *International Journal of Tea Science*, **10 (3 &4):78 - 88 (2014)**

.Research Papers in National Journal:

Optimization of process parameters for vacuum drying of CTC tea, **H. S. Konar**, Srilekha Das, A. K. Data and B. C. Ghosh, *Two and a bud* 59(2): 84-88 (2012)

.Review paper:

D. Research Notes/Short Communication in National Journal:

E. Conference Proceedings:

F. Extension literature/Article:

G. Book Chapters:

H. Books:

Participation in International/ National/State level Conferences:

Details

<i>Serial No.</i>	<i>Name of the Seminar/Symposium/Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar

Date: 01.11.2018



(Signature)

Faculty Profile



Title : Mr.
Name : **SUBINAY SAHA ROY**
Father's Name : Subhash Chandra Saha Roy
Present Designation : Assistant Professor
Present Address : C/O. Subhash Chandra Saha Roy
Subhash Colony, P.O. Falakata,
Dist. Alipurduar-735211
West Bengal
Mobile No. : 9474717456
E-mail : ssr_ubkv@rediffmail.com
Permanent Address : C/O. Subhash Chandra Saha Roy
Subhash Colony, P.O. Falakata,
Dist. Alipurduar -735211
West Bengal
Date of Birth : 20.05.1976
Caste : General
Marital Status : Married

Academic Qualification:

<i>Degree</i>	<i>Year</i>	<i>Institution/ Board</i>	<i>Area of Specialization</i>	<i>Percentage of Marks</i>
Ph. D in Civil Engineering	Thesis submitted in June, 2018	IIT Kharagpur	Geotechnical Engineering	----
M. E. in Civil Engineering	2000	B.E. College, Howrah (presently IEST)	Soil Mechanics and Foundation Engineering	79.22
B.E. in Civil Engineering	1998	Jalpaiguri Government Engineering College	Civil Engineering	73.04
Higher Secondary	1994	Jenkins School/WBCHE	Pure Science	76.20
Madhyamik	1992	Falakata High School/WBBSE	----	80.88
Qualified NET		Not conducted on Civil Engineering		
GATE	1998	MHRD, GOI	Civil Engineering	78.70 (percentile)

Teaching experience and associated courses: 11 years

UG Course: Unrevised

	<i>Course No.</i>	<i>Course Title</i>	<i>Level</i>
.	SWC 244	Soil Mechanics	UG
.	SWC 243	Fluid Mechanics	UG
.	SWC 356	Design of Structures	UG
.	PHE 356	Agricultural Structures and Environmental Controls	UG
.	AGR 252	Fundamentals of Soil, Water and Conservation Engineering	UG

Revised (on the basis of the 4th Dean's committee recommendation)

	<i>Course No.</i>	<i>Course Title</i>	<i>Level</i>
.	CE 101	Surveying and Levelling	UG
.	CE 102	Engineering Drawing	UG
.	CE 151	Engineering Mechanics	UG
.	CE 201	Soil Mechanics	UG
.	CE 251	Fluid Mechanics	UG
.	CE 301	Strength of Materials	UG
.	CE 351	Design of Structures	UG
.	CE 401	Environmental Engineering	UG
.	PFE 351	Agricultural Structures and Environmental Controls	UG
.	AEN 251	Fundamentals of Soil, Water and Conservation Engineering	UG

Revised (on the basis of the 5th Dean's committee recommendation)

	Course No.	Course Title	Level
.	CE 101	Surveying and Levelling	UG
.	CE 102	Engineering Mechanics	UG
.	CE 151	Fluid Mechanics	UG
.	CE 201	Soil Mechanics	UG
.	CE 202	Strength of Materials	UG
.	CE 251	Building Constructions and Cost Estimation	UG
.	CE 351	Design of Structures	UG

PG Course : M.Sc (Ag) in Agril. Extension: Nil

PhD Course : Nil

Other academic activity: -----

Previous working Experience:

2007 – Present : Assistant Professor, Civil Engineering, Faculty of Technology, UBKV

2003 – 2007 : Assistant Construction Manager, Larsen and Toubro Limited, Delhi.

2002 – 2003 : Site Engineer, C & C Constructions Pvt. Limited, Delhi.

2000 – 2002 : Project Engineer, Shristi Infrastructure Development Corporation Limited, Kolkata.

Academic Supervising Experience: -----

Project Exposure and Consultancy: -----

Academic Society Association:

1. MIE (Member of Institution of Engineers, India)

2. MIGS (Member of Indian Geotechnical Society)

Training Course coordination : ---

Administrative experience : ---

Extracurricular Activity : ---

University literature publication : ---

Rural Agricultural Work Experience involvement : ---

Resource person : ---

Reviewer:

.Geosynthetics International, Thomas Telford, ICE, London

.International Journal of Geomechanics, ASCE

.Marine Georesources & Geotechnology, Taylor & Francis

Training Programme Participation:

<i>Name of the Course/ School/ programme</i>	<i>Place</i>	<i>Duration</i>	<i>Sponsoring Agency</i>
Training programme on remote sensing and GIS	IIT Kharagpur	12 days May 05 - 16,2008	ISRO
Orientation Programme	University of North Bengal	28 days 2 nd to 29 th March, 2012	UGC
Earthquake Risk Management	Jalpaiguri Govt. Engg. College	08 days 11 th to 18 th June, 2012	Disaster Management, GOI
Numerical and Experimental Modeling in Geotechnical Engineering	IIT Kanpur	06 days 4 th to 9 th Feb, 2009	AICTE

Scholarships/Fellowships:

1998-2000: Scholarship for higher study (M.E.) from MHRD, Govt. of India,

1992-1998: National Scholarship, Govt. of India

List of Publications (Citation style)

.Research Papers in International Journal: 04

.Subinay Saha Roy and Kousik Deb (2018). "Interference Effect of Closely Spaced Footings Resting on Granular Fill over Soft Clay." *International Journal of Geomechanics*, ASCE, 19(1), Paper No. 04018181, 1–21. [Impact Factor: **2.332**(2017)]

.Subinay Saha Roy and Kousik Deb (2018). "Closely Spaced Footings on Sand Underlain by Soft Clay with Geogrid at the Interface." *Geosynthetics International*, 25(4), 412 – 426. [Impact Factor: **2.406** (2017)]

.Subinay Saha Roy and Kousik Deb (2017). "Bearing Capacity of Rectangular Footings on Multilayer Geosynthetic-Reinforced Granular Fill over Soft Soil." *International Journal of Geomechanics*, ASCE, 17(9), Paper No. 04017069, 1–17. [Impact Factor: **2.332**(2017)]

.Subinay Saha Roy and Kousik Deb (2017). "Effects of Aspect Ratio of Footings on Bearing Capacity for Geogrid-Reinforced Sand over Soft Soil." *Geosynthetics International*, 24(4), 362 – 382. [Impact Factor: **2.406** (2017)]

.Research Papers in National Journal: Nil

.Review paper: Nil

D. Research Notes/Short Communication in National Journal: Nil

E. Conference Proceedings: 01

.Subinay Saha Roy and Kousik Deb, (2019) Influence of Footing Interference on Bearing Capacity Improvement for Geogrid-Reinforced Sand bed underlain by Soft Clay, *Geo-Congress 2019*,

ASCE Geo-Institute Conference, Philadelphia, Pennsylvania, USA, 24-27 March, 2019, ASCE (Paper accepted)

.**Subinay Saha Roy** and Kousik Deb (2015) Effects of Aspect Ratio of Rectangular Foundations on Subgrade Modulus of Soft Soil, *Advances in Soft Ground Engineering: International Conference on Soft Ground Engineering (ICSGE2015)*, Singapore, 3rd-4th December, 2015, Research Publishing, ISBN: 978-981-09-7520-3, pp: 571-579.

F. Extension literature/Article: Nil

G. Book Chapters: 01

.**Subinay Saha Roy** and Kousik Deb (2018) Effects of Footing Width to Length Ratio on Critical Thickness of Granular Fill over Soft Soil, *Geotechnics for Natural and Engineered Sustainable Technologies: GeoNEst (Developments in Geotechnical Engineering)*, Edited Book by Krishna et al., Springer, Singapore, ISBN: 978- 9811077203 [Also Presented at Indian Geotechnical Conference, 14-16th December 2017, IIT Guwahati, India]

H. Books: Nil

Participation in International/ National/State level Conferences Details:

<i>Serial No.</i>	<i>Name of the Seminar/ Symposium/ Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>
1	Indian Geotechnical Conference (IGC-2017)	Guwahati, India	14 th - 16 th December,	2017	Three
2	International Conference on Soft Ground Engineering (ICSGE2015)	Singapore	3 rd - 4 th December,	2015	Two

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar
Date: 01.11.2018



(Signature)

Faculty Profile



Title : Dr.

Name : Om Prakash Chaturvedi

Father's Name: Prabhkar Chaturvedi

Present Designation: Assistant Professor

Present Address : C/O Asim Chakraborty, Netaji Road, New Town, Coochbehar

Tel/ Fax No.: 7063707790

E-mail: opchaturvedi@gmail.com

Permanent Address: Shahi Naka Road, Near Hardual Temple, Gurha Talab, Garha, Jabalpur, MP

Date of Birth : 01/02/1979

Caste : General

Marital Status : Married

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D	2012	TERI, University, New Delhi	Renewable Energy	9.0
M. Tech	2004	GBPUAT, Pantnagar	Farm Machinery and Power Engineering	8.27
B. Tech	2002	JNKVV, Jabalpur	Agricultural Engineering	6.96
Higher Secondary	1996	M P Board, Bhopal	Physics, Chemistry, Maths	66%
Madhyamik	1994	M P Board, Bhopal	Basic Science	64%
Qualified NET				
GATE-2002	2002	MHRD, New Delhi	Agricultural Engineering	79%

Teaching experience and associated courses

UG Course:

Unrevised

Revised (on the basis of the 4th Dean's committee recommendation)

- .Farm Machinery and Equipments – I
- .Farm Machinery and Equipments – II
- .Tractor system and controls
- .Renewable Energy Sources
- .Field operation and Maintenance of Tractors and Farm Machinery I
- .Field operation and Maintenance of Tractors and Farm Machinery II
- .Farm Machinery and power

.Mechanics of Tillage and Traction
 .Farm Power

PG Course : M.Sc (Ag) in Agril. Extension
PhD

Other academic activity : Member of Admission committee

Previous working Experience:

Sl.No.	Organisation / Institute	Position held
1.	CEST, Fiji National University, Fiji	Assistant Professor
2.	Best Engineering Technologies, Hyderabad (AP)	Manager (Biofuel)
3.	Fuelogical Pte Lte, Singapore	Manager (Process and Lab)
4.	Adi Biotech Pvt Ltd, New Delhi	Manager (Research and Business Development)

Academic Supervising Experience : Guiding B Tech Students in their project works

Project Exposure and Consultancy:

Project Exposure:

Title of the Project	Weather PI/Co-PI/Associate	Duration	Category
Design and Development of particulate emission reduction technology for existing biomass steam power plant	Principal Investigator (PI)	Duration : 1.5 Years Project Cost : F\$ 7800	Environmental Emission, Pollution control
Development of CBP(Compact biogas plant) for industrial waste	Co-Principal Investigator (Co-PI)	Duration : 1 year Project Cost : F\$8000	Renewable Energy, Bioenergy
Identification of biomass briquettes binding agent and production of biomass briquette	Co-Principal Investigator (Co-PI)	Duration : 8 Months Project Cost : F\$ 7961	Renewable Energy

Consultancy Services:

.Installation of Oil expeller in Adi Biotech Pvt Ltd	.Site survey .Selection of best oil expeller for jatropa seed .Installation and trial run of oil expeller	Completed on 2009
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.Biodiesel Testing Lab set-up in Indonesia	.Selection of equipment/instruments .Selection of supplier .Quality assurance .Preparation of testing manual	Completed on 2012
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Academic Society Association : Life Member of Fiji Agriculture Society

Training Course coordination :

Administrative experience :

Name of Post	Nature of Work	Duration	Status of the organization (Govt/Govt Aided/Govt. undertaken / Private / Corporate / Others)	Remarks
Head of Department and Programme coordinator (Agricultural Engineering)	Administrative	One year	Govt	Fiji National University
Programme coordinator (Renewable Energy Engineering)	Administrative	One year	Govt	Fiji National University
Board of Member	Management	One year	Private	Fuelogical Pte Lte, Singapore
Member in Admission Committee	Administrative	4 months	Govt	UBKV, Pundibari, WB

Extra curricular Activity:

University literature publication:

Rural Agricultural Work Experience involvement:

Resource person:

Reviewer: International Editorial Board Member for Journal of AgriSearch.

Training Programme Participation:

Scholarships/Fellowships:

- .GATE-2002, MHRD, Scholarship
- .National Renewable Energy (NRE) Fellowship By Ministry of New and Renewable Energy Sources (2002-2004)
- .CSIR-SRF (Council of scientific and industrial research-Senior Research Fellow) -(2005-2008).

Award:

- .Best Paper Award entitled “Methanolysis of Karanj (PongamiaPinnata) oil for Production of Biodiesel” in International Seminar on Renewable Energy and Sustainable Development (RES2015), organized by Centre for Renewable and Sustainable Energy Development, Bhutan and World Energy and Environment Technology, United Kingdom

External expert:**Publication:**

Full Papers in International Journal: 4

Full Papers in National Journal : 1

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper: 10

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)**.Research Papers in International Journal:**

- .Chaturvedi O P, S Mande, Y P Abbi, K Kundu, 2013. “Ethanolysis Of Jatropha Oil And Process Optimization” International Journal of Recent Scientific Research Vol. 4, Issue,4, pp. 1005-1010. ISSN:0976-3031
- .Chaturvedi O P, S Mande, P Rajan, K Kundu. 2013 “Biodiesel Plant Design For Rural application” ZENITH International Journal of Multidisciplinary Research. ZIJMMR, Vol.3 Issue 9, pp 46-52. ISSN 2231-5780
- .Anbumani K, Chaturvedi O P, Garg S K and Garg R, 2011. Use of Esterified Soybean, Sunflower, Mustard, Karanja and Neem Oils in C.I. Engine. Journal of Fijian Studies. Vol. 9, No. , pp 111-126. ISSN 1728-7456.
- .Chaturvedi O P and Lal B, 2011. Evaluation of Different Biofuels for Power Generation in Villages through Genset. Journal of Fijian Studies. Vol. 9, No. , pp 184-193. ISSN 1728-7456.

.Research Papers in National Journal:

- .Kundu K, Bhattacharya T K and Chaturvedi O P. 2006. Fuel Ethanol Prospect and Problem. Pantnagar Journal of Research. Vol 4 (1) pp 105-111. ISSN 0972-8813.

Review paper:**D. Research Notes/Short Communication in National Journal:****E. Conference Proceedings:**

- .Chaturvedi, O P. K Kundu, Renu Singh. 2015. “Methanolysis of Karanj (PongamiaPinnata) oil for Production of Biodiesel”. International Seminar on Renewable Energy and Sustainable Development (RES2015), June 15-17, 2015, Thimphu, Bhutan. Organised by Centre for Renewable and Sustainable Energy Development, Bhutan and World Energy and Environment Technology, United Kingdom.
- .Chaturvedi O P. 2015. “Ethanolysis of Karanj (Pongamia Pinnata) Oil and its Characterization” 2nd International Conference on “Bioenergy, Environment and Sustainable Technologies (BEST2015)” January 28-31, 2015. Tiruvannamalai, Tamilnadu, India.
- .Chaturvedi O P, 2007. Fuel Quality Assessment of Biodiesel. In Proceeding of National Workshop on Biofuel Production Methodologies, Utilization Technique and Challenge Ahead" organized at Ludhiana in 22-23 March 2007.

- .Chaturvedi O P and Mande S P, 2007. Decentralized Power Generation for Remote Villages Through Genset using Bio-fuels. In Proceeding of National Workshop on Biofuel Production Methodologies, Utilization Technique and Challenge Ahead" being organized at Ludhiana in 22-23 March 2007.
- .Chaturvedi O P and Mande S P, 2006. Emission Study of Diesel Engine using Preheated Jatropa Oil. Proceeding of International congress on Renewable Energy (ICORE) 2006. Solar Energy Society of India. ICC, Hyderabad.
- .Chaturvedi O P and Mande S P, 2006. Engine Exhaust Emissions using Jatropa oil. Proceeding of National Seminar on Producing and Use of Bio-diesel for Energy Application. NTPC, Noida.
- .Chaturvedi O P and Mande S P, 2006. Biodiesel promotion in Northeastern region of India. Proceeding of 22nd National Convocation of Mechanical engineers. Institute of Engineers India. IIT, Guwahati.
- .Chaturvedi O P and Mande S P, 2005. Energizing diesel engines with preheated Straight Vegetable Oil (SVO). Proceeding of International conference and expo on Biofuels - 2012: Vision to reality. IHC, New Delhi.
- .Chaturvedi O P, Bhattacharya T K and Mande S P, 2004. Exhaust Emission Characteristics of a Low Horsepower Compression Ignition Engine on Diesel-Jatropa curcas Oil Blends. Proceeding of National symposium on biodiesel - a sustainable renewable fuel for India, CTE, MPUA&T, Udaipur.
- .Chaturvedi O P, Bhattacharya T K and Mande S P, 2004. Oxidative Stability of Jatropa Oil and Its Blends with Diesel. Proceeding of National Convention and Symposium of Indian Society of Agricultural Engineering, ANGRAU, Hyderabad.

F. Extension literature/Article:

G. Book Chapters:

H. Books:

Participation in International/ National/State level Conferences:

Details

- .2nd International Conference on "Bioenergy, Environment and Sustainable Technologies (BEST2015)" January 28-31, 2015. Tiruvannamalai, Tamilnadu, India
- .International conference and expo on Biofuels - 2012: 2005 Vision to reality. IHC, New Delhi.
- .International congress on Renewable Energy (ICORE) 2006. Solar Energy Society of India. ICC, Hyderabad.
- .The 2nd Symposium on Renewable Energy Technologies (SoRET), October 2011, Raiwai, Fiji Island.
- .National symposium on biodiesel - a sustainable renewable fuel for India, 2004 CTE, MPUA&T, Udaipur.
- .National Convention and Symposium of Indian Society of Agricultural Engineering, ANGRAU, Hydrabad.
- .National Seminar on Producing and Use of Bio-diesel for Energy Application 2006. NTPC, Noida.
- .22nd National Convocation of Mechanical engineers. Institute of Engineers India. IIT, Guwahati. Biofuel Production Methodologies, Utilization Technique and Challenge Ahead" organized at Ludhiana in 22-23 March 2007.

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar

Date: 01.11.2018



(Signature)

Faculty Profile

Title : Mrs

Name : Madhurima Mondal Saha

Father's Name: Mr. Kashi Nath Mondal

Present Designation: Guest Lecturer

Present Address : 2No. Kalighat Road, opposite to Cooch Behar College, Cooch Behar, WB – 736 101

Tel/Fax/Mobile: 9851063818

E-mail: madhurimamndl@gmail.com

Permanent Address: 5/8 Hostel Avenue, A-zone Durgapur, Bardhaman, WB - 713204

Date of Birth : 11/08/1990

Caste : General **Marital Status :** Married



Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage/ CGPA of Marks
M.Tech	2014	WBUT	CSE	8.89
B.Tech	2012	WBUT	CSE	8.07
Higher Secondary	2008	WBCHSE		65%
Madhyamik	2006	WBBSE		65%
Qualified NET				
Any other				

Teaching experience and associated courses

Publication:

Extension Literature/Article: A collection of Seminar Papers UGC Sponsored National Seminar on “Gender Issues In India: Challenges and Strategies”, “BEING FREE” ISBN: 978-93-81669-69-3

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar

Date: 01.11.2018

Madhurima Mondal Saha

(Signature)

Faculty Profile



Title : MR.

Name : SUBHRAJYOTI ROY

Father's Name: HARAN CH. ROY

Present Designation: GUEST LECTURER IN ENGLISH

Present Address : MANTU DAS GUPTA PALLY, P.O+DIST- COOCHBEHAR(736101)

Tel/ Fax No.: 7501873341

E-mail: rosubhrajyoti@gmail.com

Permanent Address: MANTU DAS GUPTA PALLY, P.O+DIST- COOCHBEHAR(736101)

Date of Birth : 01/01/1990

Caste : OBC

Marital Status : SINGLE

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D				
M.A	2013	IGNOU	ENGLISH	56.88
B.A(Hons)	2011	NBU	ENGLISH(HONS)	47.50
Higher Secondary	2008	CBSE	ENG,ECO,GEO,BEN,POL	71.40
Madhyamik	2006	CBSE	ENG,BEN,SST,SCI,MATH	56.40
Qualified NET	2014	UGC	ENGLISH	58.86
Any other				

Teaching experience and associated courses :

UG Course: Unrevised

Revised (on the basis of the 4th Dean's committee recommendation)

PG Course : M.Sc (Ag) in Agril. Extension

PhD: Nil

Other academic activity :

Previous working Experience:

Academic Supervising Experience:

Project Exposure and Consultancy:

Academic Society Association:

Training Course coordination:

Administrative experience:

Extra curricular Activity:

University literature publication:

Rural Agricultural Work Experience involvement:

Resource person:

Reviewer:

Training Programme Participation:

Scholarships/Fellowships:

Award:

External expert:

Publication:

Full Papers in International Journal:

Full Papers in National Journal : ONE

Review paper: YES

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)

- A. Research Papers in International Journal:**
- B. Research Papers in National Journal:**
- C. Review paper:**
- D. Research Notes/Short Communication in National Journal:**

- E. Conference Proceedings:**
- F. Extension literature/Article:**
- G. Book Chapters:**
- H. Books:**

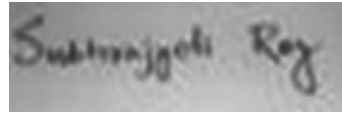
Participation in International/ National/State level Conferences:

Details

Serial No.	Name of the Seminar/ Symposium/ Conference/ workshop	Place	Date (s)	Year	Duration (Days)
1	EXPLORING NEW HORIZONS OF TRANSLATION	ABN SEAL COLLEGE	16 TH & 17 TH MARCH	2012	2

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

A rectangular box containing a handwritten signature in black ink. The signature appears to read "Subirajyoti Roy".

Place : Coochbehar
Date: 01.11.2018

(Signature)

Faculty Profile

Title :Bal

Name : Anuj Kumar

Father's Name: Bimalendu Bal

Present Designation: Guest Lecturer in Engineering Physics

Present Address : Anuj Kumar Bal, C/o. Bimalendu Bal, Vill-Hoglabari,
P.O. Pundibari, Dist-Cooch Behar, Pin-736165



Tel/ Fax No.: +91-9432128167

E-mail: bal_anuj@yahoo.com

Permanent Address: Anuj Kumar Bal, C/o. Bimalendu Bal, Vill-Hoglabari,
P.O. Pundibari, Dist-Cooch Behar, Pin-736165

Date of Birth : 13.03.1989

Caste : General

Marital Status : Unmarried

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Physics	Nil	Nil	Nil	Nil
M.Sc. in Physics	2012	Jadavpur University	X-Rays and Crystallography	77.93
B.Sc. (Physics) Hons	2010	Jadavpur University	Physics Hons.	77.75
Higher Secondary	2007	W.B.C.H.S.E		82.40
Madhyamik	2005	W.B.B.S.E		94.63
Qualified NET	2017	CSIR	Physics	43.02
Any other (B. Ed)	2014	N.B.U		67.4

Teaching experience and associated courses

UG Course: Unrevised

Revised (on the basis of the 4th Dean's committee recommendation)

Currently teaching in new syllabus Physics course

PG Course : M.Sc (Ag) in Agril. Extension Nil

PhD

Other academic activity : Nil

Previous working Experience: Nil

Academic Supervising Experience: Nil

Project Exposure and Consultancy: Nil

Academic Society Association: Nil

Training Course coordination: Nil

Administrative experience: Nil

Extra curricular Activity: Nil

University literature publication: Nil

Rural Agricultural Work Experience involvement: Nil

Resource person: Nil

Reviewer: Nil

Training Programme Participation: Nil

Scholarships/Fellowships: INSPIRE Scholarship (Reg. No. 141/2007)

Award: Nil

External expert: Nil

Publication: Nil

Full Papers in International Journal: Nil

Full Papers in National Journal : Nil

Review paper: Nil

Research note/ short communication in National Journal: Nil

Extension Literature/Article: Nil

Proceedings paper: Nil

Book Chapters : Nil

Books: Nil

Abstract published: Nil

List of Publications (Citation style)

4. Research Papers in International Journal: Nil

5. Research Papers in National Journal: Nil

6. Review paper: Nil

D. Research Notes/Short Communication in National Journal: Nil

E. Conference Proceedings: Nil

F. Extension literature/Article: Nil

G. Book Chapters: Nil

H. Books: Nil

Participation in International/ National/State level Conferences: Nil

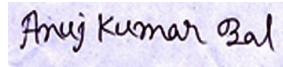
Details

<i>Serial No.</i>	<i>Name of the Seminar/ Symposium/ Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>

Declaration

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar
Date: 01.11.2018



(Signature)

Faculty Profile



Title : Mr.
Name : ASHUTOSH DUTTA
Father's Name: LATE BINAY KRISHNA DUTTA
Present Designation: GUEST LECTURER
Present Address : VILL+PO – KHAGRABARI (NEAR BURIR PAT),DIST-COOCH BEHAR
PIN - 736179
Tel/ Fax No.: 9832141010
E-mail: drashutoshdutta@gmail.com
Permanent Address: VILL+PO – KHAGRABARI (NEAR BURIR PAT), DIST –COOCH BEHAR,PIN-736179.
Date of Birth : 10/10/1972
Caste : OBC **Marital Status :** MARRIED

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Agriculture				
M.Sc. in Chemistry	1996	N.B.U	ORGANIC CHEMISTRY	65.00
B.Sc. (Chem) Hons	1994	N.B.U	CHEMISTRY	55.(Approx)
Higher Secondary	1991	W.B.C.H.S.E	PHY,CHEM,MATH,BIO	65.10
Madhyamik	1989	W.B.B.S.E	LANG,SC,MATH,H & GEO	73.33
Qualified NET	NIL	NIL	NIL	NIL
Any other (B.ED)	2003	KALYANI UNIVERSITY	P.SC & MATH	57.00

Teaching experience and associated courses : As a Guest Lecturer in Engineering Chemistry in the Faculty of Technology of Uttar Banga Krishi Viswavidyalaya having experience of around six and half years (Since 01/08/2010 to Till Now).

UG Course: Unrevised

Revised (on the basis of the 4th Dean's committee recommendation)

PG Course : M.Sc in Chemistry.

PhD

Other academic activity : I have already completed Ph D Course work from the University of North Bengal.

Previous working Experience: As a "Chemist" having experience more than two years in SULARA CHEMICALS PVT.LTD.

Academic Supervising Experience:

Project Exposure and Consultancy:

Academic Society Association:

Training Course coordination:

Administrative experience: Having Experience as a Assistant Teacher in Chemistry & as a Assistant Head Master more than 17 years (Gobindatola Bholanath Pandey High School & Ambari Dhaniram High School).

Extra curricular Activity: Having Degree & Diploma in BIO-CHEMIC SYSTEM OF MEDICINE

University literature publication: Nil

Rural Agricultural Work Experience involvement: Yes

Resource person: I have done work as District Resource Person in Physical Science.

Reviewer:

Training Programme Participation: UGC Sponsor National Seminar & State Level Science Training.

Scholarships/Fellowships: DROD (Defense Research & Development Organization in 1998-99).

Award: Nil

External expert: Nil

Publication: Nil

Full Papers in International Journal:

Full Papers in National Journal :

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)

- A. Research Papers in International Journal:**
- B. Research Papers in National Journal:**
- C. Review paper:**
- D. Research Notes/Short Communication in National Journal:**

- E. Conference Proceedings:**

- F. Extension literature/Article:**

- G. Book Chapters:**

- H. Books:**

Participation in International/ National/State level Conferences:

Details

<i>Serial No.</i>	<i>Name of the Seminar/ Symposium/ Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>
1.	UGC Sponsored National Seminar	A.B.N Seal College	28,29 -3-2010	2010	2 Days

Declaration:

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.



Place : Coochbehar

Date: 01.11.2018

(Signature)

Faculty Profile



Title : Mr.

Name : Kousik Das

Father's Name: Uday Sankar Das

Present Designation: Guest Lecturer in Engineering Mathematics

Present Address : Vill. & P.O.- Jateswar,

Dist.- Alipurduar, West Bengal, Pin.- 735216

Tel/ Fax No.: 9475003842, 8906777695, 03563-243521(R)

E-mail: das.kousik1991@gmail.com

Permanent Address: Vill. & P.O. - Jateswar,

Dist. - Alipurduar, West Bengal, Pin.- 735216

Date of Birth : 12th April, 1991

Caste : OBC(B)

Marital Status : Single

Academic Qualification:

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Mathematics	NA	NA	NA	NA
M.Sc. in Mathematics	2013	University of North Bengal	Pure Mathematics	81.56%
B.Sc.in Mathematics(Hons.)	2011	A.B.N. Seal College		63.88%
Higher Secondary	2008	Jateswar High School		78.60%
Madhyamik	2006	Jateswar High School		90.38%
Qualified SET(WB)	2014	WBCSC		
B.ED.	2014	University of North Bengal		63.40%

Teaching experience and associated courses:

UG Course:

Unrevised:

Revised (on the basis of the 4th Dean's committee recommendation):

Teaching Engineering Mathematics since 12th May, 2015 at Faculty of Technology, UBKV.

PG Course :

Teaching Mathematical Methods since 12th May, 2015 at the Dept. of Agricultural Statistics, UBKV

PhD:

Other academic activity :

Previous working Experience: Working Guest Lecturer in Mathematics at Department of Mathematics, Cooch Behar College, Cooch Behar since 25th Aug., 2014

Academic Supervising Experience:

Project Exposure and Consultancy:

Academic Society Association:

Training Course coordination:

Administrative experience:

Extra-curricular Activity:

University literature publication:

Rural Agricultural Work Experience involvement:

Resource person:

Reviewer:

Training Program Participation:

Scholarships/Fellowships:

Award:

External expert:

Publication:

Full Papers in International Journal:

Full Papers in National Journal :

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters :

Books:

Abstract published:

List of Publications (Citation style)

D. Research Papers in International Journal:

E. Research Papers in National Journal:

Review paper:

D. Research Notes/Short Communication in National Journal:

E. Conference Proceedings:

F. Extension literature/Article:

G. Book Chapters:

H. Books:

Participation in International/ National/State level Conferences:

Details

Serial No.	Name of the Seminar/ Symposium/ Conference/ workshop	Place	Date (s)	Year	Duration (Days)
1.	Mathematics Training and Talent Search Programme	IIT Kanpur (Funded by NBHM)	21 st May to 16 th June	2012	26
2.	Workshop on General Topology with Special Emphasis on Proximities, Compactifications and Rings of Continuous	Department of Mathematics, NBU	21 st February to 2 nd March	2013	7
3.	Environmental Degradation and Disasters- A vision plan for sustainable development.	Dept. of Geography, Cooch Behar College	25 th and 26 th Aug.	2016	2
4.	3 Day Workshop on Latex	Cooch Behar College	29 th – 31 st Aug.	2016	3

Declaration

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

Place : Coochbehar

Date: 01.11.2018

Kousik Das

(Signature)

CURRICULAM VITÆ



Sl. No.	Particulars	Details	
1.	Name	DR GOBINDA MULA	
2.	Designation	Assistant Professor	
3.	Department	Agricultural Economics	
4.	Educational Qualifications	PhD	
5.	Contact Details	(a) Email id: gmubkvec02015@rediffmail.com/ gobindamula@gmail.com (b) Phone/Mobile :8116961780 / 9091246682	
6.	Post held since (year):	June, 2014	
7.	Area of Specialization :	International Trade, Agribusiness management, Agricultural finance and cooperation etc Project worked as : 0	
8.	No. of Publications:	Research Papers:17 Book Chapters: 1 Books:1	
9.	Award/Honors: Received :	nil	
Sl. No	Name of Award	Awarding Agency	Year
a.	Outstanding Participant award in Winter School	SASRD, Nagaland University	September 6 - 26, 2016

10. Publications (Best Five):

- a. **Bimal Das**, S.Sikder, A.Debnath, R.Yonzone, S.Kundu and A. Das. (2017). Genetic divergence in tomato under alluvial zone of West Bengal. *Journal of Hill Agriculture*, **8**(1): 21-25.
- b. S. Kundu, **Bimal Das** and R. Yonzone. (2017). Effect of different hydro and osmopriming materials on germination and seedling growth of mung bean. *International Journal of Chemical Studies*; **5**(5): 99-103.
- c. S. Sikder, **Bimal Das**, S. Basfore and P. Hazra. (2016). Estimation of Gene Action and Combining Ability Utilizing Some Divergent Mutants of Tomato (*Solanum lycopersicum* L.). *Ecology Environment and Conservation*, **22** (3): 1221-1227.
- d. **Bimal Das**, K. Debnath, K.K. Sarkar, B. Priya& S. Mukherjee. (2015). Effect of different Nanoparticles on germination and seedling growth of tomato. *Research on Crop*, **16**(3):542-550.
- e. **Bimal Das**, S. Sikder, S. Basfore and K.K. Sarkar. (2015). Association of some important tuber characters & storage loss factors being stored potato in ambient condition. *Green Farming*, **6**(5):983-987.

Bio-data



1. Name: DR. SATEYENDRA CHANDRA SARKER
2. Designation: Professor
3. Department: Agricultural Economics
4. Educational Qualifications: M.Sc (Ag.) in Agril.Economics, Ph.D in Agril. Economics.
5. Contact Details: (a) Email id: sarker57@rediffmail.com
(b)Phone/Mobile: 09475248186
6. Post held since (year):

Sl. No.	Post Held	Institution	Period /days	Remarks
1	Dean, Post Graduate Studies	Uttar Banga Krishi Viswavidyalaya (UBKV)	24.02.2016 – till date	Administrative, extension and Development work
2	Director of Extension Education(acting)	Uttar Banga Krishi Viswavidyalaya (UBKV)	20.02.2015 – 22.12.2017	Administrative, extension and Development work
3	Convener	Dept. of Agril. Economics erstwhile North Bengal Campus, Bidhan Chandra Krishi Viswavidyalaya, WB	1997 – 2001	Teaching and research work
4	In-charge / Head	Dept. of Agril. Economics, Uttar Banga Krishi Viswavidyalaya (UBKV)	2001 – 2008 And May 2012 to May, 2016	Teaching, research and extension work
5	Co-ordinator	“Institutionalization Research Priority Setting, Monitoring (PME) and Evaluation & Networking of Social Scientist in ICAR – SAU System” – A NATP Sub-Project	Feb, 2004 to 31.03.2005	Research, extension and development work
6	CPI	National Agricultural Innovation Project, UBKV.	21.05.2008 - 31.03.2014	Research, extension and development work
7	Nodal Officer	National Information System on Agricultural Education Network in India (NISAGENET), UBKV	30.03.2005 to 31.03.2016	Research, extension and development work
8	Professor	Uttar Banga Krishi Viswavidyalaya (UBKV)	01.03.2007 to till date	Teaching, research and extension work

7. Area of Specialization: Agriculture Finance and Cooperation, Production Economics and Farm Management, Agril Marketing and Price Analysis, Agri-Business Management.
8. No. of Publications:

Research Papers: 46 Book Chapters: 1 Books: 1

Bio-data

1. Name: Dr. Kausik Pradhan
2. Designation: Associate Professor & Head
3. Department: Agricultural Extension
4. Educational Qualifications: PhD in Agricultural Extension
5. Contact Details: (a) Email id: kausikextnubkv@gmail.com
(b)Phone/Mobile: +9434686707
6. Post held since (year): 2015
7. Area of Specialization : Agricultural Communication, Technology transfer, Women empowerment, Gender sensitization, Indigenous Knowledge, ICT, Entrepreneurship development, Agricultural Innovation system (AIS) etc.



Associated with two **Australian Centre for International Agricultural Research (ACIAR)** funded projects on “**Sustainable Resilient Farming System Intensification**” and “**Improving dry season agriculture for marginal and tenant farmers**”, one **Australia India Council (AIC)** funded project on “**Developing Innovative Agri-preneurship roles for young Agri-professional**” and one **Department of Agriculture, Government of West Bengal** funded Project on “**Enhancing Pulses Production For Food and Nutritional Security, Improved Livelihoods and Sustainable Agriculture**”.

8. No. of Publications: 109

Research Papers: 84 Book Chapters: 19 Books: 6

Five Recent Best Research Papers:

- Heeding the euphony of appropriate decision making in rural entrepreneurial development and growth. *International Journal of Agriculture Sciences*. 2015, **7**(15): 907-909.
- Assessing the determinants of net profit from the enterprises in West Bengal. *Journal of Crop and Weed*. 2015, **11** (2): 38-43
- Harnessing the indigenous technological knowledge base regarding post-harvest management of agricultural products. *International Journal of Green Pharmacy*. 2016, **10**(4): 245-253
- Exploration and Interpretation of Women Stakeholders’ Overall Involvement in Women Led Agricultural Innovation System (AIS). 2017, *Indian Research Journal of Extension Education*. **17** (3):74-81
- Perceiving the behavioural change of farmers through modern Information Communication Technology (ICT) tools. *Indian Research Journal of Extension Education*. 2018, **18**(2): 46-53

Recent Books:

- Women Empowerment through appropriate selection. *Write and Print Publications*. New Delhi.
- Glimpses of practical in Extension Education. *New India Publishing Agency (NIPA)*, New Delhi

9. Awards /Honors: 7 (including **Young Scientist Award, Science Excellence Award, Best Extension Professional Award**)
10. Professional Society Life Membership: 6 (CWSS, COBACAS, SEEA, SEEB, GRDS, ISRD)
11. Associate Editor of National and International Journal: 4 (IJAS, IRJEE, GJAERD, GJAAS)

CURRICULAM VITÆ



Sl. No.	Particulars	Details	
1.	Name	Dr. Prabhat Kumar Pal	
2.	Designation	Director of Extension Education (Actg.)	
3.	Department	Directorate of Extension Education	
4.	Educational Qualifications	M. Sc. (Ag.) in Agricultural Extension, Ph. D.	
5.	Contact Details	(a) Email id: pkpalubkv@gmail.com (b) Phone/Mobile :03582-270986 / 7584002617	
6.	Post held since (year):	December, 2017	
7.	Area of Specialization :	Agricultural Extension; Agricultural Communication	
8.	No. of Publications:01	a) Research Papers : 51 b) Book Chapters : 21 c) Books : nil	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
1	M.Sc. (Ag) Topper's Award (Agricultural Extension)		

10. Publications (Best Five):

11. Projects handled as PI and Co-PI (External funded)

CURRICULAM VITÆ



Sl. No.	Particulars	Details	
1.	Name	Dr. Nazir Ahmad Pala	
2.	Designation	Assistant Professor	
3.	Department	Forestry	
4.	Educational Qualifications	M.Sc Forestry; Ph. D Forestry; NET-Agroforestry	
5.	Contact Details	(a) Email id: nazirpaul@gmail.com (b) Phone/Mobile :9932812631	
6.	Post held since (year):	22 nd May, 2014	
7.	Area of Specialization :	Forest ecology, Agroforestry, Biodiversity conservation	
8.	No. of Publications	a) Research Papers : 82 b) Book Chapters : 15 c) Books : 03	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
a.	World Sustainable Development Award	International Benevolent Research Foundation	2018
b.	Best paper award in 2nd World Clean Environment Summit	International Benevolent Research Foundation	2018
c.	Best paper award at the 4 th International Conference on Environment and Ecology	Gauhati University, Guwahati	2018
d.	Best paper award in the technical session "Education, training, law, policy and strategies"	COBACAS at UBKV	2015
e.	Research Fellowship in Science for Meritorious Students	University Grants Commission	2012

10. Publications (Best Five):

- a. Indigenous uses of ethnomedicinal plants among forest-dependent communities of Northern Bengal, India. ***Journal of Ethnobiology and Ethnomedicine*** (2018) 14:8 DOI 10.1186/s13002-018-0208-9 (Impact Factor 2.181)
- b. Climate change perceptions and response strategies of forest fringe communities in Indian Eastern Himalaya. ***Environment Development and Sustainability*** (2017) DOI 10.1007/s10668-017-9920-1 (Impact Factor 1.37)
- c. Variation of biomass and carbon pool with NDVI and altitude in sub-tropical forests of north-western Himalaya. ***Environment Monitoring and Assessment***, (2017)188:635; DOI 10.1007/s10661-016-5626-3 (Impact Factor 1.804)
- d. Factors influencing biomass and carbon storage potential of different land use systems along an elevational gradient in temperate northwestern Himalaya. ***Agroforestry System*** (2017) DOI 10.1007/s10457-016-9948-5 (Impact Factor 1.201)
- e. Farmer's perception and awareness of climate change: a case study from Kanchandzonga Biosphere Reserve, India. ***Environment, Development and Sustainability***, (2015) 17 (4); DOI 10.1007/s10668-015-9694-2 (Impact Factor 1.37)

11. Projects handled as PI and Co-PI (External funded)

- a. Assessment of Ecosystem services in Home garden agroforestry systems in Sikkim and sub-Himalayan region of West Bengal (Extramural research project) funded by SERB, DST Govt. of India (Rs.36.56825 Lakhs)
- b. Production of quality planting materials of some important medicinal plants through identification multiplication, supply of healthy elite genotype and capacity building programmes for improving rural livelihood in Northern part of West Bengal funded by National Medicinal Plant Board, Govt. of India (Rs. 40.34 Lakhs)
- c. Standardization of Agro- technology and mass multiplication for production of quality seedlings of *Woodfordia frutcosa*, *Sida cordifolia* and *Desmodium gangeticum* funded by National Medicinal Plant Board, Govt. of India (Rs. 29.685 Lakhs)
- d. Retrieval of biophysical parameter in Buxa tiger reserve using GISAT funded by ISRO, Govt. of India (Rs.14.95 Lakhs)
- e. Introduction evaluation and standardization of nursery technology of living fossil *Ginko biloba* (Ginkgoaceae) in Hill and Terai Agro-climatic zones of West Bengal funded by National Medicinal Plant Board, Govt. of India (Rs. 25.76900)

CURRICULAM VITAE



Sl. No.	Particulars	Details	
1.	Name	Dr. Shrilekha Das	
2.	Designation	Assistant Professor	
3.	Department	Plantation Crops and Processing	
4.	Educational Qualifications	Ph.D (Dairy and Food Engineering), M.Tech (Dairy and Food Engineering), B.Tech (Agricultural Engineering)	
5.	Contact Details	(a) Email id: shri137@gmail.com (b) Phone/Mobile :9433774153	
6.	Post held since (year):	2015	
7.	Area of Specialization :	Dairy and Food Engineering	
8.	No. of Publications	a) Research Papers : 8 b) Book Chapters : 0 c) Books : 0	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year

10. Publications (Best Five):

11. Projects handled as PI and Co-PI (External funded)

CURRICULAM VITAE



Sl. No.	Particulars	Details	
1.	Name	Dr. Prodyut Kumar Paul	
2.	Designation	Professor	
3.	Department	Pomology & Post Harvest Technology	
4.	Educational Qualifications	Ph.D.	
5.	Contact Details (a) Email id: prodyut24@yahoo.com (b) Phone/Mobile : 8016425515; 7001363247		
6.	Post held since (year):	22 August 2015	
7.	Area of Specialization : Food Science and Technology/Postharvest Technology		
8.	No. of Publications:	a) Research Papers: 32 b) Book Chapters: 05 c) Books : 2 (edited)	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
01	Awarded "CFTRI-Alumni Association Silver Medal" for securing second rank in the M.Sc. (Food Tech).		
02	Agricultural Research Information Centre's Best Paper Award during 2005		2005
03	Awarded sponsorship of NAIP (component-I), ICAR, New Delhi to undergo Advanced international Training on "Non-Chemical, Non-thermal processing and Membrane Technology" at School of Food Science, Washington State University, Pullman, WA, USA		
04	Sponsorship of School of Food Science, Washington State University, Pullman, WA, USA to attend 'IFT 10: Annual Meeting and Food Expo' organized by Institute of Food Technologists, USA at McCormick Place, South Hall, Chicago, IL, USA during July 17-20, 2010.		2010

05	Qualified NET (ICAR) in Food Science and Technology in 2001		2001
06	Best Poster Award in 7 th International Pineapple Symposium 2010, Global Pineapple Industry - The Way Forward at Johor Bahru, Malaysia July, 13-15		2010

10. Publications :

Tanya Luva Swer; Chauhan Komal ; **Paul Prodyut Kumar**; Mukhim C and Bashir, Khalid (2018) Production and optimization of anthocyanin-rich food colourant extracted from *Prunus nepalensis* L. (Sohiong) **Pigment & Resin Technology**, 47

Tanya L. Swer, Komal Chauhan, **Prodyut K. Paul**, C. Mukhim (2016) Evaluation of enzyme treatment conditions on extraction of anthocyanins from *Prunus nepalensis* L. **International Journal of Biological Macromolecules** 92: 867-871

Tanya L. Swer, Komal Chauhan, **Prodyut K. Paul**, Mukhim C and Satyaprakash K. (2016) Valorization of *Prunus nepalensis* plant parts: extraction and evaluation of in vitro antioxidative potential and Antibacterial activity. **International Journal of Recent Scientific Research**, 7(3): 9272-9277.

Pradhan S, Bhowmick N, Deb P, Ghosh A, Pal P K, Roy B, **Paul P K** and S. K. Ghosh (2015). Fruit growth and development of Burmese grape (*Baccaurea sapida* Müell. Arg.). **Indian Journal of Plant Physiology** 20(1): 86-91.

Sherpa K, Mahato S K, Ravi Kumar K, Chhetri B, Subba P and **Paul P K** (2014). Assessment of quality characteristics upon enzymes assisted juice extraction from Plum. **The Bioscan** 9 (3): 1081-1086.

Paul P. K.; Ghosh S. K.; Singh D. K. and Bhowmick N. (2014). Quality of osmotically pre-treated and vacuum dried pineapple cubes on storage as influenced by type of solutes and packaging materials. **Journal of Food Science and Technology**. 51(8): 1561-1567.

Sasi Kumar R, Ray RC, **Paul PK**, Suresh CP. (2013). Development and Storage Studies of Therapeutic Ready to Serve (RTS) Made from Blend of *Aloe vera*, Aonla and Ginger Juice. **Journal of Food Processing and Technology** 4: 232.

Chatterjee R.; Jana J. C. and **Paul P. K.** (2012). Enhancement of head yield and quality of cabbage (*Brassica oleracea*) by combining different sources of nutrients. **Indian Journal of Agricultural Sciences**. 82(4): 323-327.

11. Projects handled as PI and Co-PI (External funded)

CURRICULAM VITÆ



Sl. No.	Particulars	Details	
1.	Name	Dr. Gopal Sukla	
2.	Designation	Assistant Professor	
3.	Department	Forestry	
4.	Educational Qualifications	M.Sc Forestry; Ph. D Forestry	
5.	Contact Details	(a) Email id: gopalshukla12@gmail.com (b) Phone/Mobile :9851380707/8918396045	
6.	Post held since (year):	2014	
7.	Area of Specialization :	Forest Ecology, Agroforestry, Medicinal Plants, Nursery & Seed Tech	
8.	No. of Publications	a) Research Papers : 76 b) Book Chapters : 15 c) Books : 03	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
a.	Young Scientist Award	SERB	2017

10. Publications (Best Five):

11. Projects handled as PI and Co-PI (External funded)

CURRICULAM VITAE



Sl. No.	Particulars	Details	
1.	Name	Dr. Ganesh Chandra Banik	
2.	Designation	Assistant Professor	
3.	Department	Soil Science and Agricultural Chemistry	
4.	Educational Qualifications	Ph. D	
5.	Contact Details	(a) Email id: gcbanik79@yahoo.co.in (b) Phone/Mobile :+91 9475902914	
6.	Post held since (year):	2008	
7.	Area of Specialization :	Soil chemistry, Soil and environmental pollution	
8.	No. of Publications	a) Research Papers : 15 b) Book Chapters : 02 c) Books : nil	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
a.	ICAR NET	ICAR	2004

10. Publications (Best Five):

11. Projects handled as PI and Co-PI (External funded)

CURRICULAM VITAE



Sl. No.	Particulars	Details	
1.	Name	Dr. Shovik Deb	
2.	Designation	Assistant Professor	
3.	Department	Soil Science and Agricultural Chemistry	
4.	Educational Qualifications	Ph.D	
5.	Contact Details	(a) Email id: shovikiitkgp@gmail.com (b) Phone/Mobile : 94346 85382, 62947 27155	
6.	Post held since (year):	2014	
7.	Area of Specialization :	Soil ecology and digital soil mapping Application of remote sensing in natural resource management and modelling	
8.	No. of Publications:01	a) Research Papers : 19 b) Book Chapters : 02 c) Books : Nil	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
01	Funded by DAAD to attend seminar cum workshop in Georg-August Universität, Göttingen, Germany (2017)		2017
02	Received International Travel Grant from DST for attending conference in China (2013)		2013
03	Received DAAD short-term fellowship to do a part of PhD research in Helmholtz UFZ, Halle (Saale), Germany (2010-11)		2010-11

04	Qualified NET in Soil Science conducted by ICAR (2009 and 2010)		2009-10
05	Received ISSS Zonal Award for best M Sc (Ag) thesis in Soil Science (2009)		2009
06	Nominated for CSIR Shyama Prasad Mukherjee Fellowship (2009)		2009
07	Received CSIR JRF, SRF and qualified NET in Earth Science (2008)		2008
08	Received ICAR JRF in Physical Science (2006)		2006
09	Received Jagadis Bose National Science Talent Search scholarship (2001)		2001

10. Publications (Best Five)

1. Deb, S.*, Debnath, M.K., Chakraborty, S., Weindorf, D.C., Kumar, D., Deb, D., Choudhury, A. (2018) Anthropogenic impacts on forest land use and land cover change: Modelling future possibilities in the Himalayan Terai. *Anthropocene* 21: 32-41. [Elsevier]
2. Deb, D., Singh, J. P., Deb, S.*, Datta, D., Ghosh, A., Chaurasia, R.S. (2017) An alternative approach for estimating above ground biomass using Resourcesat-2 satellite data and artificial neural network in Bundelkhand region of India. *Environmental Monitoring and Assessment* 189: 576. [Springer]
3. Chakraborty, S.*, Li, B., Deb, S., Paul, S., Weindorf, D.C., Das, B.S. (2017) Predicting soil arsenic pools by visible near infrared diffuse reflectance spectroscopy. *Geoderma* 296: 30-37. [Elsevier]
4. Deb, S., Chakraborty, S.*, Weindorf, D.C., Murmu, A., Banik, P., Debnath, M.K., Choudhury, A. (2016) Dynamics of organic carbon in deep soils under rice and non-rice cropping systems. *Geoderma Regional* 7: 388-394. [Elsevier]
5. Deb, S.*, Ahmed, A., Datta, D. (2014) An alternative approach for identifying eco-sensitive zones using remote sensing and GIS technologies. *Environmental Monitoring and Assessment* 186: 2641-2651. [Springer]

11. Projects handled as PI and Co-PI (External funded)

As Principle Investigator

- Project: Below-ground Deep Carbon Stabilization in Soils under Long-term Rice Ecology (Completed)
Funding agency: Science and Engineering Research Board
Grant amount: ₹ 13,64,000
- Project: Use of Hyperspectral Diffuse Reflectance Spectroscopy Sensors for Rapid Assessment of Soil Quality (completed)
Funding agency: Indian Council of Agricultural Research
Grant amount: ₹ 13,37,050
- Project: Retrieval of Biophysical Parameters in Buxa Tiger Reserve using GISAT (on-going)
Funding agency: Space Application Centre, Indian Space Research Organization
Grant amount: ₹ 14,95,000

BIODATA of DR. SAMIR KUMAR DAS, Asst. Prof. in FMP, COA, UBKV, Majhian

M. Tech (in Farm machinery & Power (FMP); and **PhD** (in Agri. Engineering) from IIT KGP, Teaching at UBKV: 10 yrs

A. Personal Information:

Name, and Parents' Names : **DR. SAMIR KUMAR DAS**; Dinabandhu Das & Ashalata Das
Permanent Address & Date of Birth : 35, Durganagar Station. Road, P.O-Rabindranagar, Kolkata-65,
PS - Nimta, West Bengal, India. **Date of Birth**: 21.08.1967.
Nationality Status : **Indian**, registered u/s 5(1)(C) of Citizenship Act by **GOI** on 13.07.2011.

B. Educational Qualifications:

B.E. in Agri. Engineering (Hons.) [Major: **FMP**] from **BAU**, Mymensingh in 1992, with *1st Class*.
Master of Technology (M Tech) in *Farm Machinery & Power*, from **IIT**, in 1997; CGPA 7.54 [>65.0 %].
Master of Urban & Regional Planning (MURP) from **BUET**, Dhaka, in 1998*; OGPA 3.19/4 [>65.0 %].
[* Got admission in **MURP** in 1993; did 3 semesters before accepting **GOI** scholarship-offer in 1995 for **M.Tech.**].
PhD (in Agri. Engineering) from Indian Institute of Technology (**IIT**) **Kharagpur** in 2005.

C. Theses

M. Tech. Thesis: *Performance Evaluation and Optimization of Parameters of Axial Flow Blowers*.

Ph.D. Thesis: Investigations on Process and Equipment for Tea Leaf Withering and Handling.

D. Teaching Experience in University (Uttar Banga Krishi Viswavidyalaya) in two stages

Position/ Designation	Period of service	Teaching experience period
Part-time Lecturer- on FMP	09.04.2009 – 30.10.2014	5 years 6 months 21 days
Assistant Professor in FMP	31.10.2014 – till date	4 years 5 months 18 days (Till 17.04.2019; and continuing)

E. Research Publications

1. Datta A.C., Das S. K. and Pandya, A.C. (2002). Comparison and optimization of parameters of axialflow blowers. *Journal of Agricultural Engineering*, 39(3): 1-11.
2. Das, S. K. and Tewari, V. K. (2004a). Mechanization of trough withering of tea leaf for black tea manufacture. Power and Machinery Systems and Ergonomics, Safety and Health: *Proceedings of International Conference on Emerging Technologies in Agricultural and Food Engineering* (etae2004) held on 14-17December 2004 at IIT, Kharagpur, India. pp. 121-128.
3. Das, S. K. (2006). Further increasing the capacity of tea leaf withering troughs. *Agricultural Engineering International: the CIGR Ejournal*. Manuscript FP 05 012. Vol. VIII, Texas, USA.

(DR. SAMIR KUMAR DAS),

Dated: COA, UBKV, Majhian, 17.04.2019

9. Fee

- Details of fee, as approved by State Fee Committee, for the Institution

Sl. No.	Items	UG
		Technology
1.	Laboratory fees	225
2.	Establishment Charge	500
3.	Examination fees	225
4.	Library fees	225
5.	Session charge	225
6.	Students Welfare Charges	300
7.	Internet Charges	300
8.	Medical Charges	300
Total- 1 = (above Sl. No. 1 to 8) -		2300
A.	Tuition Fee	10200
Net Payable by the students for each Semester (from 2nd to 8th semester) (Without Hostel) Total -2 =Rs. (Total -1 + A)-		12500
B.	Hostel Establishment Fees to be collected per month – total 6 months for each semester (100 X 6 = 600)	600
Net Payable by the students for each Semester (from 2nd to 8th Semester) (With Hostel) Rs. = (Above Total -2 + B) -		13100

- Time schedule for payment of fee for the entire programme

At the time of admission in 1st semester Rs. 22000.00 For hostler & Rs. 18100.00 for Day scholar And 2nd Semester to 8th semester for each semester Rs. 13100.00 for Hosteler and Rs. 12800.00 for Day Scholar. After the end of each semester extra 7 days granted for submission of the semester fees. After this period if any student wants to submit the semester fees, he/she can submit it late fees.

- No. of Fee waivers granted with amount and name of students
1 (Not admitted for this session 2018 – 2019)
- Number of scholarship offered by the Institution, duration and amount

SL. No.	Scholarships		Duration	Amount
1.	WBFS(WB Free Ship Scheme)	Half Free Ship	6 th Month	6000.00
		Full Free Ship	6 th Month	12000.00
2.	Free Student ship		6 th Month	12000.00
3.	Merit Scholar ship	Senior Merit Scholar ship	6 th Month	1350.00
		Merit Scholar Ship	6 th Month	1050.00

- Criteria for fee waivers/scholarship
 - WBFS

A. Financial yearly income below Rs. 2, 50,000.00 with certificate issued by the competent authority, In this case minimum B.D.O rank officers.

B. The minimum GPA (Grade Point Average) criteria for eligibility of this scheme is 6.5 out of 10 for the concerned semester.

ii. University Free Studentship:

A. Students, whose annual family income is less than 1.50 lakh from all sources shall only be eligible for this Scholarship.

B. The minimum GPA (Grade Point Average) criteria for eligibility of this scheme is 6.5 out of 10 for the concerned semester.

• **Estimated cost of Boarding and Lodging in Hostels**

Sl. No.	Items	UG
		Technology
1.	Hostel Entrance Fee	1000
2.	Mess Advance	1800
3.	Hostel development fees	500
4.	Hostel Establishment Fees to be collected per month – total 6 months for 1 st semester (100 X 6 = 600)	600
Total =		3900

10. Admission

• **Number of seats sanctioned with the year of approval:**

18(Sanctioned by West Bengal Government)

• **Number of Students admitted under various categories each year in the last three Years:**

SL. No.	Category	No of Students	Total
1.	General	09	18
2.	SC	04	
3.	ST	01	
4.	OBC-A	02	
5.	OBC-B	01	
6.	TFW	01	

• **Number of applications received during last two years for admission under Management Quota and number admitted: NIL**

11. Admission Procedure: NA (Through WBJEE)

- Mention the admission test being followed, name and address of the Test Agency and its URL (website)
- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)
- Calendar for admission against Management/vacant seats:
 - Last date of request for applications
 - Last date of submission of applications

1	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Classroom	1ST YR	50	Ready	Ready	Ready	Ready
2	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Classroom	2ND YR	50	Ready	Ready	Ready	Ready
3	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Classroom	3RD YR	50	Ready	Ready	Ready	Ready
4	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Classroom	4TH YR	50	Ready	Ready	Ready	Ready

• **Number of Tutorial rooms and size of each:**

1	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Tutorial Room	TR1	50	Ready	Ready	Ready	Ready
2	ENGINEERING AND TECHNOLOGY	UNDERGRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Tutorial Room	TR2	50	Ready	Ready	Ready	Ready

• **Number of Laboratories and size of each:**

S.L.No.	Programme	Level	Building No.	Building Name	Room Type	Room No.	Average Carpet Area (Sqm)	Flooring	Wall & Painting	Elec & lighting	Furniture & Fixtures
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1	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	ADC LAB	80	Ready	Ready	Ready	Ready
2	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	FPL AB	100	Ready	Ready	Ready	Ready
3	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	FRM SHD	600	Ready	Ready	Ready	Ready
4	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	INSL AB	150	Ready	Ready	Ready	Ready
5	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	LNG LAB	100	Ready	Ready	Ready	Ready
6	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	PFE LAB	100	Ready	Ready	Ready	Ready
7	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	PHY LAB	50	Ready	Ready	Ready	Ready
8	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	RNWE GY	50	Ready	Ready	Ready	Ready
9	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	SOIL ME	50	Ready	Ready	Ready	Ready
10	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	SUR VEY	80	Ready	Ready	Ready	Ready
11	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	SWC LAB	100	Ready	Ready	Ready	Ready

• **Number of Drawing Halls with capacity of each:**

SL. No.	Programme	Level	Building No.	Building Name	Room Type	Room No.	Average Carpet Area (Sqm)	Flooring	Wall & Painting	Elec & lighting	Furniture & Fixtures
1	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Drawing Hall	CVL DRW	150	Ready	Ready	Ready	Ready

• **Number of Computer Centres with capacity of each:**

S L. N o.	Programme	Level	Building No.	Building Name	Room Type	Room No.	Average Carpet Area (Sqm)	Flooring	Wall & Painting	Elec & lighting	Furniture & Fixtures
3	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	CAD CAM	50	Ready	Ready	Ready	Ready

4	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	CHM LAB	50	Ready	Ready	Ready	Ready
5	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	Data Not Provided by the Institute	Data Not Provided by the Institute	Laboratory	COM LAB	150	Ready	Ready	Ready	Ready

- **Central Examination Facility, Number of rooms and capacity of each:**

Central Examination Facility with proper illumination, air circulation, toilets and drinking water facility is available.

Number of room is 1 and capacity is 150 sets.

- **Barrier Free Built Environment for disabled and elderly persons:**

We have all the classrooms on ground floor with ramp facility for barrier free built environment for differently abled and elderly persons.

- **Occupancy Certificate:** NA

- **Fire and Safety Certificate:** YES

- **Hostel Facilities:**

Sr No.	No. of rooms having Single bed/room & Area of room in sq.m.	Building No.	Name of Building	No. of rooms bed/room & Area of room in sq.m.	Building No.	Name of Building	No. of rooms Triple/Three bed/room & Area of room in sq.m.	Building No.	Name of Building	No. of rooms having Four bed/room & Area	Building No.	Name of Building
1	Boys &			28 & 40		APC R HALL	17 & 50		APCR HALL	Boys 8 & 60		APC R HALL
2	Girl			5		TEEST	2		TEESTA	Girls		

- **Library**

- Number of Library books/ Titles/ Journals available (program-wise)
- List of online National/ International Journals subscribed
- E- Library facilities

- **Laboratory and Workshop:**

- List of Major Equipment/Facilities in each Laboratory/ Workshop

SL. No.	Name of the Major Instrument/Machine/Software Available
1.	Interactive Software Integrated Learning System (ISILS) software with 32 console User Interface and Audio Visual Equipments .
2.	The laboratory has 25 number of personal computers connected with LAN and 1 GBPS internet bandwidth
3.	The laboratory has Auto CAD software and 19 number of personal computers connected with LAN and 1 GBPS internet bandwidth. Projectors and television screen are also available for better visualization

4.	Travelling Microscope
5.	Spectrometer
6.	Carey Foster Bridge
7.	Fresnel Bi-prism, Leaser
8.	Convex Lens and Optical Bench
9.	Screw Gauge
10.	1)Burette,2)Pipette, 3)Conical flusk 4) Beaker of different sizes 5)Volumetric Flusk 6)Digital weigh Electronic Balance) machine, 7)Water Distillation Unit, 8) Vacuum Desiccator, 9)Viscometer, 10) Hot air Oven,11)Modified Heater 12) Funnel, Watch glass, Glass rod, dropper, Spatula, Measuring Cylinder, Test tube etc.
11.	D.C. single phase 230 volt, 1,500 RPM, 2HP generator – motor set, 3 point starter, D.C. variac
12.	D.C. single phase 230 volt, 1,500 RPM, 2HP motor with 3 point starter, D.C. variac
13.	2 HP 1440 RPM, 415 Volt, 3 Amp, 50 Hz, 2 HP induction motor, continuously variable auto transformer (AE make) with output current 15 Amp per phase , input 415 Volt-3 Phase-50/60 Hz, output 0-470 Volt
14.	V-I characteristics trainer kit.
15.	Half wave, Full wave and Bridge rectifier trainer kit
16.	Clipper and Clamper trainer kit
17.	IC 741 inverting and non-inverting amplifier trainer kit
18.	Differentiator and Integrator trainer kit
19.	Differential amplifier trainer kit
20.	Zener diode trainer kit
21.	Compression Testing Machine
22.	Vicat apparatus
23.	Direct Shear Test Apparatus
24.	Consolidation test apparatus
25.	Unconfined compression test apparatus
26.	Vane shear test apparatus (laboratory scale)
27.	IS Sieve set and sieve shaker
28.	Hydrometer set
29.	Core Cutter
30.	Sand replacement cone
31.	Proctor mould
32.	Permeameter
33.	Lathe
34.	Milling Machine
35.	Shaper Machine
36.	Drilling Machine
37.	Grinding Machine
38.	Hydraulic Hacksaw
39.	Melting Furnace
40.	Arc Welding Transformer

41.	Bench Vice, Hacksaw, Saw, File, Try Square, Jack Planner,
42.	Tap and Dies
43.	Cut model of 4-stroke diesel engine, 2-stroke petrol engine, Exhaust manifold, Oil filter, Fuel filter, Coupling flange, Cylinder head, Rocker box, Cylinder, Piston, Piston ring, Connecting rod, Gasket, Dashboard, Fly wheel
44.	Inlet valve, Exhaust valve, Valve spring, Push rod, Tappet, Crankshaft, Camshaft with cam gear Rocker box
45.	Pyknometer, Redwood viscometer, Pensky martine flash and fire point apparatuses, bomb calorimeter, Centrifuge, Titration unit (all available at Renewable Energy lab)
46.	Wet type air cleaner, Intel manifold
47.	Fuel injector, Governor
48.	Fuel injector, fuel pump
49.	Radiator and its fan
50.	Oil filter, oil pump, oil sump etc
51.	Open Model of tractor transmission system (available at Farm Implement shed)
52.	Open Model of tractor transmission system (available at Farm Implement shed)
53.	Open Model of tractor transmission system (available at Farm Implement shed)
54.	Open Model of tractor transmission system (available at Farm Implement shed)
55.	Open Model of tractor transmission system (available at Farm Implement shed)
56.	Steering wheel, Steering box
57.	Biogas burner
58.	Parabolic solar cooker
59.	Box type solar cooker
60.	Penske martin flash and fire point apparatus
61.	Water bath heater
62.	Titration units
63.	Bomb calorimeter
64.	Centrifuge
65.	Muffle furnace (available at Mechanical workshop)
66.	Gasifier (available at Farm Implement shed)
67.	Biogas plant
68.	Magnetic stirrer Digital balance Desiccator Double distillation, unit, Electronic pipette Bottle dispenser
67.	Pyknometer

69.	MB plough, dice plough, rotavator, sub-soiler, chisel plough, different types cultivator, offset disc harrow, Paddy trans-planter, Workshop tools, seed drill, potato planter, potato harvester, multi-crop thresher, plant protection implements etc
70.	Three point hitching system
71.	MB plough, dice plough, rotavator, sub-soiler, chisel plough
72.	Paddy transplanter, seed drill, potato planter
73.	Paddy transplanter,
74.	Knapsack sprayer, Power sprayer, Power weeder, Foot sprayer
75.	Seed cum fertilizer drill
76.	Lawn mower
77.	Reaper
76.	Multi-crop thresher, maize sheller,
77.	Potato digger
78.	Three model of tractor, namely, Mahindra and Mahindra (Bhoomiputra and Yuvraj), John deer.
79.	Farm Instructional field
80.	Different facilities of Farm Power lab, Farm implement shed.
81.	Tilting flume (5 m)
82.	Parshall Flume
83.	Cut-throat flume
84.	V-notch, Rectangular and Trapezoidal weirs
85.	Water meter
86.	Venturi and Orifice meter
87.	5 HP diesel pump, 0.5 HP and 10 HP electric pumps
88.	Hand tubewell
89.	Submersible pump
90.	Model of cup type current meter
91.	Water level indicator
92.	Table top and hand held pH meters
93.	Table top and hand held EC meters
94.	Pressure plate apparatus
95.	Tensiometer
96.	Gypsum blocks
97.	FDR Soil moisture meter
98.	Pan evaporimeter
99.	Symon's raingauge

100.	Recording type raingauge
101.	Double ring infiltrometer
102.	Model of hydraulic ram
103.	Hydrometer with accessories
104.	Soil sieves
105.	Model of drop spillway
106.	Soil augars
107.	Model of rooftop rainwater harvesting system
108.	Pseudo-range GPS receiver
109.	Components of drip irrigation systems
110.	Components of sprinkler irrigation systems
111.	Primary and secondary filters for micro-irrigation
112.	Archimedian screw model
113.	Jet pump model
114.	Model of tubewell
115.	Air lift pump model
116.	Suppressed weir model
117.	Table top mechanical sieve shaker
118.	Weighing balance
119.	Rice Sheller
120.	Rice Polisher
121.	Constant Temperature Water Bath
122.	Weighing Balance
123.	Micro-Wave Oven
124.	Induction Oven
125.	Vaccum Desiccator
126.	Desiccator
127.	Lactometer
128.	Magnetic Stirrer
129.	Centrifuge
130.	Tray Dryer (Presently installed at Workshop)
131.	Carbonation Unit (Presently installed at Workshop)
132.	Auto Clave/Sterilizer (Presently installed at Workshop)
133.	Drawing Board (20 No.'s), Tee Scale (23 No.'s)
134.	Metric Chain, Engineer's Chain, Ranging Rod, Arrow
135.	Prismatic compass and accessories
136.	Plane Table and accessories
137.	Auto level and Dumpy level
138.	Theodolite

- **List of Experimental Setup in each Laboratory/ Workshop:**

Sl. No.	Name of the Laboratory	Carpet Area (Sq. m)	Instrument/Machine/Software Used For with Course Number
1.	Language and Personality Development Lab	72 Sq.m.	1. Listening and note taking (ENG 151) 2. Oral presentation skills (ENG 151) 3. Group discussions (ENG 151) 4. Seminar and Lectures for Different Courses
2.	Computer Laboratory	72 Sq.m.	1. Basics of HTML and basics of JAVA script language (CSE 201) 2. Internet Applications (CSE 201) 3. C programming and data structures (CSE 351)
3.	Advanced Computation Laboratory	48.19 Sq.m.	All the practical of the course Auto CAD Applications (ME 301) are performed except problems on CNC machine
4.	Engineering Physics Laboratory	21 Sq. m.	Determination of refractive index of Solid and Liquid. (PHY 101)
			Determination of refractive index of prism. (PHY 101)
			Determination of unknown Resistance (PHY 101)
			Determination of wavelength of unknown radiation. (PHY 101)
			Determination of Power of a Convex Lens. (PHY 101)
			Determination of Cross-sectional of area of a thin wire. (PHY 101)
5.	Engineering Chemistry Laboratory	42.9 Sq.m	Engineering Chemistry Laboratory, Course No-CHEM-101, 3(2+!). 1)Perkin Elmer FT-IR spectrometer (RX-1) to be used. 2)JASCOV-530UV-VIS spectrophotometer, 3) Digital Viscometer to be used 4) Pipette pump/ Sucker 5) Air dryer 6) Micro pipette , 7) Graduated pipette 8) Modified Burette with Pump 9) Boro -Silicate double distillation Set, 10) Conical flask, Volumetric Flask Digital weigh (Electronic Balance) machine, Vacuum Desiccator, Hot air Oven, etc. 11) Funnel, Watch glass, Glass rod, dropper, Spatula, Measuring Cylinder, Test tube etc
6.	Electrical Engineering Laboratory	104 Sq.m.	To obtain load characteristics of d.c. shunt/series/Compound generator (EE 101)

			To Study characteristics of DC shunt/series motors (EE 101)
			To perform no-load & blocked rotor tests on 3 ph (EE 101)
			To study the V-I characteristics of P-N junction diode (EE 351)
			To study half wave, full wave and bridge rectifier (EE 351)
			To study a diode as clipper and champer (EE 351)
			To study a OP-AMP IC 741as inverting and non inverting amplifier (EE 351)
			To study OP-AMP as differentiator and integrator (EE 351)
			To study a differential amplifier using two transistor (EE 351)
			To study a zener regulator circuit (EE 351)
7.	Civil Engineering Laboratory	30.5 Sq.m.	Compressive strength of cement and concrete
			Setting time of cement
			Shear Strength of soil
			Consolidation of soil
			Unconfined compressive strength of soil
			Undrained shear strength of clay
			Gradation of soil
			Hydrometer analysis for fine grained soil
			Field density of soil
			Field density of soil
			Compaction properties (MDD and OMC) of soil
			Permeability of soil
8.	Mechanical Workshop (Workshop Technology and Practice) (ME 151)	822.51 Sq.m.	Practical jobs on simple turning, step turning; Practical job on taper turning and threading. (ME 151)
			Demonstration of important operations on a Milling Machine, gear tooth forming and indexing. (ME 151)
			Operations on shaper, changing a round MS rod into square section on a shaper. (ME 151)
			Practical job on drilling, Operations of drilling. (ME 151)
			Metal removal operation (ME 151)
			Metal cutting operation (ME 151)
			Moulding and casting operation. (ME 151)
			Jobs on arc welding – Lap joint, Butt joint, T joint and corner joint. (ME 151)
			Fitting job (MS Flat) and Carpentry job (Joint Formation).

			(ME 151)
			Threading with Tap and Dies. (ME 151)
9.	Farm Machinery and Power Laboratory	40.04 Sq.m.	Introduction to different systems of CI engines; Engine parts and functions, working principles etc (FMP201)
			Valve system – study, construction and adjustments; (FMP201)
			Study of Oil & Fuel – determination of physical properties (FMP201)
			Study of Air cleaning system (FMP201)
			Fuel supply system of SI and CI engine (FMP201)
			Diesel injection system & timing (FMP201)
			Cooling system, and fan performance (FMP201)
			Lubricating system & adjustments (FMP201)
			Introduction to transmission systems and components (FMP 301)
			Study of clutch functioning, parts and design problem on clutch system; (FMP301)
			Study of different types of gear box, calculation of speed ratios, design problems on gear box; (FMP301)
			Study on differential and final drive and planetary gears; (FMP301)
			Study of brake systems and some design problems; (FMP301)
			Steering geometry and adjustments (FMP301)
10.	Renewable Energy Laboratory	33.48 Sq.m	Study of biogas and its properties. (FMP202)
			Study of different types of solar cookers. (FMP202), (FMP 252)
			Study of different types of solar cookers. (FMP202), (FMP 252)
			Study of flammable properties of biodiesel and biofuel. (FMP202), (FMP 252)
			Study of biodiesel production unit
			Estimation of FFA, Acid value of vegetable oil and biodiesel. (FMP202)
			Estimation of calorific value of biofuel. (FMP 252)
			Estimation of sediments content in biofuel. (FMP 252)
			Estimation of ash content in biofuel (FMP 252)
			Performance evaluation of biomass gasifier (FMP 352)

			Performance evaluation of a fixed dome type biogas plant (FMP 352)
			Used as supportive tools for conducting various experiments
			Estimation of density and specific gravity of different fuel. (FMP202)
11.	Farm Implement Shed	588 Sq.m.	Familiarization with different farm implements and tools. (FMP 251)
			Study of hitching systems, (FMP 251)
			Study of primary and secondary tillage machinery – construction, operation, adjustments and calculations of power and draft requirements. (FMP 251)
			Study of sowing and planting equipment – construction, types, calculation for calibration and adjustments. (FMP 251)
			Study of transplanters – paddy (FMP 251)
			Familiarization with plant protection and interculture equipments, Familiarization with manual and powered weeding equipment and identification of functional components. (FMP 302)
			Study of fertilizer application equipment including manure spreaders and fertilizer broadcasters. (FMP 302)
			Study of various types of mowers, reaper, reaper binder. (FMP 302)
			Study of functional components of mowers and reapers. (FMP 302)
			Familiarization with threshing systems, cleaning systems in threshers. Calculations of losses in threshers. (FMP 302)
			Study of root crop diggers and familiarization with the functional units and attachments. (FMP 302)
			Familiarization with different makes and models of agricultural tractors. Identification of functional systems including fuels system, cooling system, transmission system, steering and hydraulic systems. Study of maintenance points to be checked before starting a tractor. Familiarization with controls on a tractor. Safety rules and precautions to be observed while driving a tractor. (FMP 303)
			Driving practice of tractor. Practice of operating a tillage tool (mould-board plough/ disc plough) and their adjustment in the field. Study of field patterns while

			<p>operating a tillage implement. Hitching & De-hitching of mounted and trail type implement to the tractor. Driving practice with a trail type trolley – forward and in reverse direction. (FMP 303)</p> <p>Introduction to tractor maintenance – precautionary and break-down maintenance. Tractor starting with low battery charge. Introduction to trouble shooting in tractors. Familiarization with tools for general and special maintenance. Introduction to scheduled maintenance after 10, 100, 300, 600, 900 and 1200 hours of operation. Safety hints. Top end overhauling. Fuel saving tips. Preparing the tractor for storage. Care and maintenance procedure of agricultural machinery during operation and off-season. Repair and maintenance of implements – adjustment of functional parameters in tillage implements. Replacement of broken components in tillage implements. Replacement of furrow openers and change of blades of rotavators. Maintenance of cutter bar in a reaper. Adjustments in a thresher for different crops. Replacement of V-belts on implements. Setting of agricultural machinery workshop. (FMP 303)</p>
12.	Soil and Water Engineering Laboratory	33.48 Sq.m	<p>1. To study the characteristics of open channel flow (SWC 251)</p> <p>2. Flow measurement in open channels (SWC 251)</p> <p>3. Open channel hydraulics (CE 151)</p> <p>Measurement of flow in open channels (SWC 251)</p> <p>Measurement of flow in open channels (SWC 251)</p> <p>Measurement of flow in open channels (SWC 251)</p> <p>Flow measurement in pipes (SWC 251)</p>

		Principle of flow measurement in pipes (SWC 251)
		To study different types of pumps (SWC 301)
		To study different types of pumps (SWC 301)
		To study different types of pumps (SWC 301)
		To study the principle of velocity measurement in channels (SWC 251)
		Measurement of depth of groundwater level (SWC -301)
		To measure the acidity/alkalinity of soil and water (SWC 351)
		To measure the salinity of soil and water (SWC 351)
		To prepare soil moisture characteristic curve (SWC 251)
		To measure soil moisture tension (SWC 251)
		Principle of soil moisture content measurement (SWC 251)
		Precise measurement of soil moisture content (SWC 251)
		Measurement of Pan Evaporation (SWC 202)
		Study of non-recording raingauge (SWC 202)
		Study of recording raingauge (SWC 202)
		Measurement of infiltration (SWC 202)
		Working principle of hydraulic ram (SWC 301)
		To perform particle size distribution test of soil (SWC 201 and SWC 301)
		To perform particle size distribution test of soil (SWC 201 and SWC 301)
		Study of different parts of drop spillway (SWC 352)
		To dig auger holes and soil sampling purpose (SWC 251 and SWC 351)
		To study the process of rooftop rainwater harvesting and its use (SWC 302)
		To obtain geographic location of a place (SWC 302 and SWC 454)
		Study and performance evaluation of drip irrigation systems (SWC 252)

			Study and performance evaluation of sprinkler irrigation systems (SWC 252)
			To study different types of filters used in micro-irrigation systems (SWC 252)
			Study of water lifting devices (SWC 301)
			Study of water lifting devices (SWC 301)
			Design of tubewell (SWC 301)
			Study of water lifting devices (SWC 301)
			Study of different types of weir openings (SWC 352)
			To perform particle size distribution test of soil (SWC 201 and SWC 301)
			Used for weighing for different experiments
13.	Processing and Food Engineering Laboratory	54.39 Sq.m.	Study of different size reduction machines and performance evaluation
			Study of different size reduction machines and performance evaluation
			Supportive equipment used for other experiments
			Measurement of moisture content
			Measurement of moisture content
			Used in ELP
			Determination of EMC
			Determination of EMC
			Study of milk properties
			Supportive equipment used for other experiments
			Study of milk properties
			Study on drying characteristics of grains and determination of drying constant
			Used in ELP
			Used in ELP
14.	Engineering Drawing Laboratory	66.78 Sq.m	All drawings regarding Engineering Drawing. (ME 101)
15.	Surveying and Leveling Laboratory	120 Sq.m.	Chain surveying
			Compass surveying
			Plane table surveying
			Levelling
			Theodolite surveying

- **Computing Facilities:**
- **Internet Bandwidth:** 1 GBPS

- **Number and configuration of System:**
50 and ROM -500 GB, RAM- 4 GB, Processor- Intel® Core™ i3-4160 CPU@ 3.60 GHz
System type- 64 bit OS, Windows 7 Professional
- **Total number of system connected by LAN:** 50
- **Total number of system connected by WAN:** NA
- **Major software packages available:**
 - Auto CAD
 - ISIL communication skill
- **Special purpose facilities available:**
 - Central instrument Facility
 - Personal Development Skill Facility
- **Innovation Cell:** NA
- **Social Media Cell :** NA
- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments:** NA
- **List of facilities available:**
 - Games and Sports Facilities YES
 - Extra-Curricular Activities YES
 - Soft Skill Development Facilities YES
- **Teaching Learning Process:**
- **Curricula and syllabus for each of the programmes as approved by the University:**

Semester I			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Engineering Mathematics-I	MTH 101	3(2+1)
2.	Engineering Physics	PHY 101	3(2+1)
3.	Engineering Chemistry	CHM 101	3(2+1)
4.	Principles of Soil Science	AG 101	3(2+1)
5.	Surveying and Levelling	CE 101	3(1+2)
6.	Engineering Mechanics	CE 102	3(2+1)
7.	Engineering Drawing	ME 101	2(0+2)
8.	Electrical Machines and Power Utilization	EE 101	3(2+1)
Total Credit Hours			23(13+10)

Semester II			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Engineering Mathematics-II	MTH 151	3(2+1)
2.	Environmental Science and Disaster Management	HOR 151	3(2+1)
3.	Principles of Horticultural Crops and Plant Protection	HOR 152	2(1+1)

4.	Entrepreneurship Development and Business Management	AG 151	3(2+1)
5.	Principles of Agronomy	AG 152	3(2+1)
6.	Fluid Mechanics and Open Channel Hydraulics	CE 151	3(2+1)
7.	Workshop Technology and Practices	ME 151	3(1+2)
8.	Communication Skills and Personality Development	ENG 151	2(1+1)
Total Credit Hours			22(13+9)

Semester III			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Soil and Water Conservation Engineering	SWC 201	2(1+1)
2.	Watershed Hydrology	SWC 202	3(2+1)
3.	Tractor and Automotive Engines	FMP 201	3(2+1)
4.	Fundamentals of Renewable Energy Sources	FMP 202	3(2+1)
5.	Web Designing and Internet Applications	CSE 201	2(1+1)
6.	Engineering Mathematics-III	MTH 201	3(2+1)
7.	Soil Mechanics	CE 201	2(1+1)
8.	Strength of Materials	CE 202	2(1+1)
9.	Machine Design	ME 201	2(2+0)
Total Credit Hours			22(14+8)

Semester IV			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Building Construction and Cost Estimation	CE 251	2(2+0)
2.	Theory of Machines	ME 251	2(2+0)
3.	Heat and Mass Transfer	ME 252	2(2+0)
4.	Agricultural Structures and Environmental Control	PFE 251	3(2+1)
5.	Farm Machinery and Equipment-I	FMP 251	3(2+1)
6.	Renewable Power Sources	FMP 252	3(2+1)
7.	Irrigation Engineering	SWC 251	3(2+1)
8.	Sprinkler and Micro Irrigation Systems	SWC 252	2(1+1)
Total Credit Hours			20(15+5)

Skill Development Training-I Summer break June-July after 4th Semester (Student READY)*

Semester V			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Tractor Systems and Controls	FMP 301	3(2+1)
2.	Farm Machinery and Equipment-II	FMP 302	3(2+1)
3.	Tractor and Farm Machinery Operation and Maintenance	FMP 303	2(0+2)
4.	Engineering Properties of Agricultural Produce	PFE 301	2(1+1)
5.	Post Harvest Engineering of Cereals, Pulses and Oil Seeds	PFE 302	3(2+1)
6.	Dairy and Food Engineering	PFE 303	3(2+1)
7.	Groundwater, Wells and Pumps	SWC 301	3(2+1)
8.	Watershed Planning and Management	SWC 302	2(1+1)
9.	Auto CAD Applications	ME 301	2(0+2)
10.	*Skill Development Training-I (Student READY) Registration and Evaluation only	TRN 301	5(0+5)
Total Credit Hours			28(12+16)

Semester VI			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Design of Structures	CE 351	2(1+1)
2.	Computer Programming and Data Structures	CSE 351	3(1+2)
3.	Thermodynamics, Refrigeration and Air Conditioning	ME 351	3(2+1)
4.	Post Harvest Engineering of Horticultural Crops	PFE 351	2(1+1)
5.	Drainage Engineering	SWC 351	2(1+1)
6.	Water Harvesting and Soil Conservation Structures	SWC 352	3(2+1)
7.	Bio-energy Systems: Design and Applications	FMP 351	3(2+1)
8.	Applied Electronics and Instrumentation	EE 351	3(2+1)
Total Credit Hours			21(12+9)

Skill Development Training-II in Summer break June-July after 6th Semester (Student READY)

VII Semester
Student READY (Rural and Entrepreneurship Awareness Development Yojana)

Semester VII

S. No.	Title of the Course	Course No.	Credit Hour
1.	10- weeks Industrial Attachment /Internship (Student READY)	TRN 401	10(0+10)
2.	10- weeks Experiential Learning On campus (Student READY)	TRN 402	10(0+10)
3.	Skill Development Training-II (Student READY) Registration and Evaluation only	TRN 403	5(0+5)
4.	#Educational Tour (Registration only)	EDT 401	2 (0+2)
Total Credit Hours			27(0+27)

#Educational tour during winter/January break

VIII Semester

Student READY (Rural and Entrepreneurship Awareness Development Yojana)

Semester VIII		
Title of the Course	Course No.	Credit Hour
Elective course	As per the course offered	3(2+1)
Elective course	As per the course offered	3(2+1)
Elective course	As per the course offered	3(2+1)
Project Planning and Report Writing (Student READY)	PRJ 499	10(0+10)
Total Credit Hours		19(6+13)

Grand Total = (23+22+22+20+28+21+27+19) = 182 Credit Hours

ELECTIVE COURSES			
S. No.	Title of the Course	Course No.	Credit Hour
1.	Floods and Control Measures	SWC 451	3 (2+1)
2.	Wasteland Development	SWC 452	3 (2+1)

3.	Information Technology for Land and Water Management	SWC 453	3(2+1)
4.	Remote Sensing and GIS Applications	SWC 454	3(2+1)
5.	Management of Canal Irrigation System	SWC 455	3(2+1)
6.	Minor Irrigation and Command Area Development	SWC 456	3(2+1)
7.	Precision Farming Techniques for Protected Cultivation	SWC 457	3(2+1)
8.	Water Quality and Management Measures	CE 451	3(2+1)
9.	Landscape Irrigation Design and Management	SWC 458	3(2+1)
10.	Plastic Applications in Agriculture	SWC 459	3(2+1)
11.	Mechanics of Tillage and Traction	FMP 451	3(2+1)
12.	Farm Machinery Design and Production	FMP 452	3(2+1)
13.	Human Engineering and Safety	FMP 453	3(2+1)
14.	Tractor Design and Testing	FMP 454	3(2+1)
15.	Hydraulic Drives and Controls	FMP 455	3(2+1)
16.	Precision Agriculture and System Management	FMP 456	3(2+1)
17.	Food Quality and Control	PFE 451	3(2+1)
18.	Food Plant Design and Management	PFE 452	3(2+1)
19.	Food Packaging Technology	PFE 453	3(2+1)
20.	Development of Processed Products	PFE 454	3(2+1)
21.	Process Equipment Design	PFE 455	3(2+1)
22.	Photovoltaic Technology and Systems	EE 451	3(2+1)
23.	Waste and By-products Utilization	PFE 456	3(2+1)
24.	Artificial Intelligence	CSE 451	3(3+0)
25.	Mechatronics	ME 451	3(2+1)
The Faculty will have option to offer 3 (three) need based elective courses equivalent to 9 Credit Hours as per the need of the state/industries/other stake holders under the proposed list of Elective Courses.			

• **Academic Calendar of the University:**

Item / Event (s)	ODD Semester (s)				EVEN Semester (s)			
	1 st Sem.	3 RD Sem	5 th Sem.	7 th Sem.	2 nd Sem.	4 th Sem.	6 th Sem.	8 th Sem.
Beginning of Registration or filling of Roster Form, Submission of Semester Fee, Tuition Fee including Examination Fee and Commencement of Classes	10.07.2018			01.08.2018	04.02.2019			14.01.2019
Registration or filling of	20.07.2018			13.08.2018	14..02.2019			24.01.2

Roster Form, Submission of Semester Fee, Tuition Fee including Examination Fee with a fine shall be abided by Notification No. Admin/UBKV-700 dated on 24.09.2010				019
Classes to be continued upto	07.12.2018		03.05.2019	
Practical evaluation to be completed by	07.12.2018		03.05.2019	
Study Leave	08.12.2018 to 11.12.2018		04.05.2019 to 07.05.2019	
Submission of Mid Term and Practical Results by	11.12.2018		07.05.2019	
End term Examination	07.01.2019 to 28.01.2019	24.12.2018 to 02.01.2019	08.05.2019 to 27.05.2019	
In Plant Training (<i>For 4TH and 6TH semesters only</i>)	N.A.		03.06.2019 to 14.07.2019 (Tentative)	
Term Break*	29.01.2019 to 03.02.2019	03.01.2019 to 13.01.2019	01.06.2019 to 14.07.2019 (For 2ND Semester only)	
Enrolment for next Term	04.02.2019	14.01.2019	15.07.2019	
Expected date for publication of results	31.03.2019		31.08.2019	

• Academic Time Table with the name of the Faculty members handling the Course

Even Semester:

Class Routine for 1ST year 2ND Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 04/02/2019

Class Routine for 2ND year 2ND Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 04/02/2019

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
Monday	MTH 151 (T)		Break	HOR 152 (P)		HOR 151 (T)	Break	HOR 151 (T)	CE 151 (T)	
Tuesday	MTH 151 (P)			AG 151 (T)				HOR 152 (T)	CE 151 (P)	
Wednesday	ENG 151 (P)			AG 152 (T)				ME 151 (T)	ME 151 (P)	
Thursday				ME 151 (P)				AG 151 (P)		
Friday				ENG 151 (T)	HOR 151 (P)				AG 152 (P)	

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Engineering Mathematics-II	MTH 151	3(2+1)	Mr. Kousik Das
2.	Environmental Science and Disaster Management	HOR 151	3(2+1)	Teacher(s) from F/Hort.
3.	Principles of Horticultural Crops and Plant Protection	HOR 152	2(1+1)	Teacher(s) from F/Hort.
4.	Entrepreneurship Development and Business Management	AG 151	3(2+1)	Teacher(s) from F/Ag.
5.	Principles of Agronomy	AG 152	3(2+1)	Teacher(s) from F/Ag.
6.	Fluid Mechanics and Open Channel Hydraulics	CE 151	3(2+1)	Er. Subinay Saha Roy
7.	Workshop Technology and Practices	ME 151	3(1+2)	Er. Arindam Mandal
8.	Communication Skills and Personality Development	ENG 151	2(1+1)	Mr. Subhrajyoti Roy

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
Monday			Break	SWC 251 (T)		CE 251 (T)	Break	SWC 252 (P)		ME 251 (T)
Tuesday				CE 251 (T)	FMP 252(T)				SWC 251 (P)	

Wednesday				SWC 252 (T)	ME 252 (T)	PFE 251 (T)		PFE 251 (T)	FMP 251(T)
Thursday								FMP 252(P)	ME 252 (T)

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Building Construction and Cost Estimation	CE 251	2(2+0)	Er. Subinay Saha Roy
2.	Theory of Machines	ME 251	2(2+0)	Er. Arindam Mandal
3.	Heat and Mass Transfer	ME 252	2(2+0)	Er. Arindam Mandal
4.	Agricultural Structures and Environmental Control	PFE 251	3(2+1)	Course Leader: Er. Himadri Shekhar Konar Associated Teacher: Dr. Dilip Hazra & Dr. Nonigopal Shit
5.	Farm Machinery and Equipment-I	FMP 251	3(2+1)	Dr. Omprakash Chaturvedi
6.	Renewable Power Sources	FMP 252	3(2+1)	Dr. Omprakash Chaturvedi
7.	Irrigation Engineering	SWC 251	3(2+1)	Dr. Rupak Sarkar
8.	Sprinkler and Micro Irrigation Systems	SWC 252	2(1+1)	Dr. Rupak Sarkar

Class Routine for 3RD year 2ND Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 04/02/2019

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)			10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)			02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
Monday							PFE 351 (T)	ME 351(T)				ME 351(T)	FMP 351 (T)	
Tuesday						SWC 352 (T)	ME 351(P)					ME 351(P)	FMP 351 (P)	
Wednesday		CSE 351(P)				CSE 351 (T)	CE 351 (P)					EE 351 (T)		
Thursday		CSE 351 (P)				SWC 351 (T)	PFE 351 (P)					SWC 352 (P)		
Friday						SWC 351 (P)	CE 351 (T)					EE 351 (P)		

Sl No	Subject	Course No.	Credit	Course Instructor(s)
1	Design of Structures	CE 351	2(1+1)	Er. Subinay Saha Roy
2	Computer Programming and Data Structures	CSE 351	3(1+2)	Smt. Madhurima Mondal Saha
3	Thermodynamics, Refrigeration and Air Conditioning	ME 351	3(2+1)	Er. Arindam Mandal
4	Post-Harvest Engineering of Horticultural Crops	PFE 351	2(1+1)	Dr. Shrelekha Das
5	Drainage Engineering	SWC 351	2(1+1)	Dr. Rupak Sarkar
6	Water Harvesting and Soil Conservation Structures	SWC 352	3(2+1)	Dr. Rupak Sarkar
7	Bio-energy Systems: Design and Applications	FMP 351	3(2+1)	Dr. Omprakash Chaturvedi
8	Applied Electronics and Instrumentation	EE 351	3(2+1)	Er. Ashis Kumar Das

Revised Class Routine for 4TH year 2ND Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 14/01/2019

Day	08:00am to 09:00am	09:00am to 10:00am	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
Monday	TRN 451		PRJ 451		TRN 451	TRN 451	TRN 451	
Tuesday	TRN 451		PRJ 451		TRN 451	TRN 451	TRN 451	
Wednesday	TRN 451		TRN 451		TRN 451	TRN 451	TRN 451	
Thursday	TRN 451		TRN 451		TRN 451	TRN 451	TRN 451	
Friday	PRJ 451		TRN 451		TRN 451	TRN 451	TRN 451	

Sl No	Subject	Course No.	Credit	Course Instructor(s)
1.	PROJECT - II	PRJ 451	3(0+3)	Teachers of F/Tech

2.	Practical Training at Institution/University (In terms of student READY mode)	TRN 451	17(0+17)	Course Leader: Er. Himadri Shekhar Konar Associated Teacher: Dr. Om prakash Chaturvedi, Er. Arindam Mandal & Er. Ashis Kumar Das
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*In Plant/Industrial Training-II (TRN 452) (0+4) (Evaluation only).

Odd Semester:

**Class Routine for 1ST year 1ST Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session,
w.e.f. 10/07/2018**

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm	
Monday	MTH 101(T)		Break	PHY 101(P)		ME 101(P)	Break	ME 101(P)	CE 101 (P)		
Tuesday	PHY 101(T)			CE 101(T)	ME 101(P)				CE 102(T)		
Wednesday	MTH 101(P)			CE 101(P)		EE 101(P)			EE 101(P)		
Thursday	CHM 101(T)			EE 101(T)				AG 101(T)			
Friday	CHM 101(P)				CE 102(P)			AG 101(P)			

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Engineering Mathematics-I	MTH 101	3(2+1)	Mr. Kousik Das
2.	Engineering Physics	PHY 101	3(2+1)	Mr. Anuj Kumar Bal
3.	Engineering Chemistry	CHM 101	3(2+1)	Mr. Ashutosh Dutta
4.	Principles of Soil Science	AG 101	3(2+1)	Teacher(s) from F/Ag.
5.	Surveying and Levelling	CE 101	3(1+2)	Er. Subinay Saha Roy
6.	Engineering Mechanics	CE 102	3(2+1)	Er. Subinay Saha Roy
7.	Engineering Drawing	ME 101	2(0+2)	Er. Arindam Mandal
8.	Electrical Machines and Power Utilization	EE 101	3(2+1)	Er. Ashis Kumar Das

Class Routine for 2ND year 1ST Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 10/07/2018

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm	
Monday			Break	SWC 201(T)	FMP 201(T)		Break	FMP 202(P)			
Tuesday	MTH 201(T)			SWC 202(T)		CE 201(T)		FMP 201(P)			
Wednesday		CSE 201(T)		SWC 202(P)	ME 201(T)			CE 201(P)			
Thursday	CSE 201(P)			SWC 201(P)					CE 202(P)		
Friday	MTH 201(P)				ME 201(T)	FMP 202(T)		FMP 202(T)	CE 202(T)		

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Soil and Water Conservation Engineering	SWC 201	2(1+1)	Dr. Rupak Sarkar
2.	Watershed Hydrology	SWC 202	3(2+1)	Dr. Rupak Sarkar
3.	Tractor and Automotive Engines	FMP 201	3(2+1)	Dr. Omprakash Chaturvedi
4.	Fundamentals of Renewable Energy Sources	FMP 202	3(2+1)	Dr. Omprakash Chaturvedi
5.	Web Designing and Internet Applications	CSE 201	2(1+1)	Smt. Madhurima Mondal Saha
6.	Engineering Mathematics-III	MTH 201	3(2+1)	Mr. Kousik Das
7.	Soil Mechanics	CE 201	2(1+1)	Er. Subinay Saha Roy
8.	Strength of Materials	CE 202	2(1+1)	Er. Subinay Saha Roy
9.	Machine Design	ME 201	2(2+0)	Er. Arindam Mandal

Class Routine for 3RD year 1ST Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 10/07/2018

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
Monday			Break	PFE 302(T)		SWC 302(P)	Break	SWC 302(P)	PFE 301(P)	

Tuesday				FMP 301(T)	PFE 303(P)		PFE 303(P)	SWC 301(T)
Wednesday	PFE 302(P)			PFE 301(T)	FMP 302(T)		FMP 303(P)	ME 301(T)
Thursday				FMP 301(P)	PFE 303(T)		PFE 303(T)	FMP 303(P)
Friday				SWC 302(T)	FMP 302(P)		SWC 301(P)	ME 301(T)

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Tractor Systems and Controls	FMP 301	3(2+1)	Dr. Omprakash Chaturvedi
2.	Farm Machinery and Equipment-II	FMP 302	3(2+1)	Dr. Omprakash Chaturvedi
3.	Tractor and Farm Machinery Operation and Maintenance	FMP 303	2(0+2)	Dr. Omprakash Chaturvedi
4.	Engineering Properties of Agricultural Produce	PFE 301	2(1+1)	Er. Himadri Shekhar Konar
5.	Post-Harvest Engineering of Cereals, Pulses and Oil Seeds	PFE 302	3(2+1)	Er. Himadri Shekhar Konar
6.	Dairy and Food Engineering	PFE 303	3(2+1)	Course Leader: Er. Himadri Shekhar Konar Associated Teacher: Dr. Shrulekha Das
7.	Groundwater, Wells and Pumps	SWC 301	3(2+1)	Dr. Rupak Sarkar
8.	Watershed Planning and Management	SWC 302	2(1+1)	Dr. Rupak Sarkar
9.	Machine Design	ME 301	2(2+0)	Er. Arindam Mandal
10.	*Skill Development Training-I (Student READY) Registration and Evaluation only	TRN 301	5(0+5)	Er. Himadri Shekhar Konar

Class Routine for 4TH year 1ST Semester Courses of B.Tech. in Ag. Engg. 2018-2019 Session, w.e.f. 01/08/2018

Day	08:00am to 09:00am	09:00am to 10:00am	Break (10:00 am - 10:30 am)	10:30am to 11:30am	11:30am to 12:30am	12:30pm to 01:30pm	Break (01:30 pm - 02:15 pm)	02:15pm to 03:15pm	03:15pm to 04:15pm	04:15pm to 05:15pm
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Monday		Break		PFE 402(T)	Break	FMP 404(P)			
Tuesday				PFE 402(P)			PRJ 401		
Wednesday			MTH 401(T)			PFE 404(T)		PFE 404(T)	PRJ 401
Thursday	MTH 401(T)					SEM 401(P)		SEM 401(P)	PFE 401(P)
Friday	PRJ 401			PFE 404(P)		FMP 404(T)		FMP 404(T)	PFE 401(T)

Sl No.	Subject	Course No.	Credit	Course Instructor(s)
1.	Food Packaging Technology	PFE 401	3(2+1)	Er. Himadri Shekhar Konar
2.	Development of Processed Products & Equipments	PFE 404	3(2+1)	Er. Himadri Shekhar Konar
3.	Design & Maintenance of Green House	PFE 402	3(2+1)	Course Leader: Dr. Rupak Sarkar Associated Teacher: Dr. Soumen Maitra
4.	Renewable Energy Technology	FMP 404	3(2+1)	Dr. Omprakash Chaturvedi
5.	System Engineering	MTH 401	3(3+0)	Mr. Kousik Das
6.	PROJECT - I	PRJ 401	3(0+3)	Teachers of F/Tech
7.	SEMINER	SEM 401	1(0+1)	Er. Ashis Das
8.	In Plant/Industrial Training-I (Evaluation Only)	TRN 401	4 (0+4)	Er. Himadri Shekhar Konar

• **Teaching Load of each Faculty**

SL. No.	Faculties	2 nd Semester	4 th Semester	6 th Semester	8 th Semester
1.	Dr. Rupak Sarkar	Nil	7 hrs	7 hrs	6 hrs
2.	Er. Subinay Saha Roy	4 hrs	Nil	3 hrs	6 hrs
3.	Er. Ashis Kumar Das	Nil	Nil	4 hrs	40 hrs
4.	Er. Himadri Sikhon Koner	Nil	4 hrs	Nil	40 hrs
5.	Er. Arindam Mandal	5 hrs	4 hrs	4 hrs	40 hrs
6.	Dr. Om Prakash Chaturvedi	Nil	8 hrs	4 hrs	40 hrs
7.	Mrs. Madhurima Mandal Saha	Nil	Nil	5 hrs	Nil
8.	Mr. Kousik Das	4 hrs	Nil	Nil	Nil
9.	Dr. Subhrajyoti Roy	3 hrs	Nil	Nil	Nil
10.	Dr. Shrulekha Das	Nil	Nil	3 hrs	Nil

• **For each Post Graduate Courses give the following:** NA

- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course
- **Special Purpose**
- Software, all design tools in case
- Academic Calendar and frame work

16. Enrollment of students in the last 3 years

Total enrollment of students for 2018 – 2019 is 18

Total enrollment of students for 2017 – 2018 is 26

Total enrollment of students for 2016 – 2017 is 20

17. List of Research Projects/ Consultancy Works

- **Number of Projects carried out, funding agency, Grant received:**

Number of Project : 01

Funding Agency : Australian Centre for International Agricultural Research

Grant Received : 39599/- (Australian Dollar)

- **Publications (if any) out of research in last three years out of masters projects:** NIL

- **Industry Linkage:**

i. Kaira District Cooperative Milk Producer's Union

Block 1B, Plot No.197, Sector-III, KOL-700106

ii. M/S Krishna Plastic Industry

Coochbehar Industrial Growth Centre, Coochbehar, WB- 736101

iii. Ishan Snax Pvt. Ltd

Siliguri

iv. Britannia Industries Ltd.

Kolkata

- **MoUs with Industries (minimum 3)**

MEMORANDUM OF UNDERSTANDING(MOU)

BETWEEN

FACULTY OF TECHNOLOGY, UTTAR BANGA
KRISHI VISWAVIDYALAYA

&

M/S. KRISHNA PLASTIC INDUSTRY, COOCH
BEHAR

RS
08/02/19

Bipul Bhowmick
08-02-2019

AUTHENTICATED

H.S.K.
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Purdihari, Cooch Behar

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 8th day of - February - Two Thousand Nineteen (2019),

BETWEEN

Faculty of Technology, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal-736 165, the First Party represented herein by its Dean (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

M/S. Krishna Plastic Industry, Chakchaka, Cooch Behar, West Bengal - 736 156, the Second Party, and represented herein by its proprietor, **Mr. Bipul Bhowmik**, (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

RS
08/2/19

Bipul-Bhowmik
08-02-2019

AUTHENTICATED

Page 2 of 8

HSK
19/02/19
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

WHEREAS:

- A) First Party is a Higher Educational Institution named:
- (i) **Faculty of Technology, Uttar Banga Krishi Viswavidyalaya**
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest.
- E) **M/S. Krishna Plastic Industry**, the Second Party is engaged in Business, Manufacturing, and Skill Development Trainings in the fields of *production of various plastic equipment*.
- F) **M/S. Krishna Plastic Industry** is a private entrepreneur having its manufacturing unit located at Coochbehar Industrial Growth Centre, Cooch Behar, West Bengal. The company was founded in the year 2015.
- G) There is no other branch of the **M/S. Krishna Plastic Industry** at present and the production area of the concern is about 0.35 Acres.

RS
08/2/19

Bipul Bhowmick
08-02-2019

AUTHENTICATED

Page 3 of 8

H/S/K
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Purdihari, Cooch Behar

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.

Handwritten signature
08/2/19

Bipul Bhowmik
08-02-2019

AUTHENTICATED

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19/02/19

Assistant Professor
Faculty of Technology,
Jttr Banga Swavidyalaya
Dundin

- 2.3 **Industrial Training, Internship and Exposure Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its production unit and also involve in Industrial Training Programs for the First Party. The industrial training, internship and exposure visits provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Industrial Site for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Internships of Students:** Second Party will actively engage to help the delivery of the Internship of students of the First Party into internships, as per AICTE Internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of **development on innovative plastic products.**
- 2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.
- 2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.

Bipul Bhowmick

Page 5 of 8

PO
07/2/19

AUTHENTICATED

H/S K...
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Anam Wiswavidyalaya
Pundihar, Gaya Bihar

- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the **Faculty of Technology**, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **M/S. Krishna Plastic Industry**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **M/S. Krishna Plastic Industry**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

Bipul Bhoomick

[Signature]
08/2/19

Page 6 of 8

AUTHENTICATED

[Signature]
19/02/19

Assistant Professor
Faculty of Technology,
Jttr Banga Department of Swavidyalaya
Quadrant Shahar

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **Faculty of Technology** and **M/S. Krishna Plastic Industry** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

Deah
08/2/19
Deah (Acting)
Faculty of Technology
Uttar Banga Krishi Viswavidyalaya
Pundihari, Cooch Behar

KRISHNA PLASTIC INDUSTRY
Bipul - Bhownick
Second Party 8/2/19

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Cooch Behar.

De
03/2/19

Bipul - Bhownick

Page 7 of 8

AUTHENTICATED

H.S. Kumar
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya,
Pundihari, Cooch Behar

AGREED:

For Faculty of Technology

For M/S. Krishna Plastic Industry

[Signature]
08/2/19

KRISHNA PLASTIC

Bipul Bhowmick, 08/02/19
Proprietor

Authorized Signatory
Dean (Acting)
Faculty of Technology
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar-736165 (W.B.)

Authorized Signatory

Name of Institution: Faculty of Technology	Name of Industry: M/S. Krishna Plastic Industry
Address: Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal - 736 165	Address: Coochbehar Industrial Growth Centre, Chakchaka, Cooch Behar, West Bengal - 736 156
Contact Details: 9475833777	Contact Details: 9126103111
E-mail: deantech.ubkv@gmail.com	E-mails:
Web: www.ubkv.ac.in	Web:

Witness 1: *Ashis Kumar Das* 08.02.19.
ASHIS KUMAR DAS
ASSISTANT PROFESSOR
FACULTY OF TECHNOLOGY
UBKV, PUNDIBARI
COOCHBEHAR - 736165

Pradyut Datta 08/02/19
Witness 2:

PRADYUT DATTA
VILL. JIBDHARERKUTHI
P.O. RAJARHAT
DT. COOCH BEHAR

Debabrata Pal 8/2/19.
Witness 3:
DEBABRATA PAL
vill- Chhatar Kuthi
P.O. Rajarhat.
Dist - Cooch behar.

Om Prakash Chaturvedi
Witness 4:
Om Prakash Chaturvedi
Faculty of Technology, U.B.K.V.
Page 8 of 8
Pundibari, Coochbehar
- 736165

[Signature]
08/2/19

Bipul Bhowmick

AUTHENTICATED

[Signature]
19/02/19
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

**MEMORANDUM OF
UNDERSTANDING(MOU)**

BETWEEN

**FACULTY OF TECHNOLOGY, UTTAR BANGA
KRISHI VISWAVIDYALAYA**

&

MITRA BAKERY, COOCH BEHAR

[Signature]
08/2/19

[Signature]
08/02/2019

AUTHENTICATED

[Signature]
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Krishi Viswavidyalaya
Purdihari, Cooch Behar

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 8th day of - February - Two Thousand Nineteen (2019),

BETWEEN

Faculty of Technology, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal-736 165, the First Party represented herein by its Dean (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

Mitra Bakery, Khagrabari, Cooch Behar - 736 101, the Second Party, and represented herein by its proprietor, **Chandan Mitra**, (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

RS
08/2/19

AUTHENTICATED

HSK
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

Chandan Mitra
08/02/2019

WHEREAS:

- A) First Party is a Higher Educational Institution named:
(i) Faculty of Technology, Uttar Banga Krishi Viswavidyalaya
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest.
- E) **Mitra Bakery**, the Second Party is engaged in Business, Manufacturing, and Skill Development Trainings in the fields of *production of various bakery products including biscuits, bread, cookies, cake etc.*
- F) **Mitra Bakery** is a private entrepreneur having its manufacturing unit located at Khagrabari, Cooch Behar, West Bengal. The company was founded in the year 2014.
- G) There is no other branch of the **Mitra Bakery** at present and the production area of the concern is about 0.2 Acre.

SR
08/2/19

AUTHENTICATED

HSK
19/02/19
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Dundihar, Cooch Behar

Chandra Mohan
08/02/2019

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 **Industrial Training, Internship and Exposure Visits:** Industry and Institution interaction will give an insight into the latest developments /

Page 4 of 8

[Handwritten Signature]
02/2/19

AUTHENTICATED

[Handwritten Signature]
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Krisni Viswavidyalaya
Pundibari Cooch Behar

[Handwritten Signature]
08/02/2019

requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its production unit and also involve in Industrial Training Programs for the First Party. The industrial training, internship and exposure visits provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Industrial Site for the hands-on training of the learners enrolled with the First Party.

- 2.4 Internships of Students:** Second Party will actively engage to help the delivery of the Internship of students of the First Party into internships, as per AICTE Internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of **development on innovative bakery products.**
- 2.6 Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.
- 2.8 Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9** Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the

RS
08/02/19

AUTHENTICATED

Chandra Mishra
08/02/2019

H. S. Kumar
19/02/19

Assistant Professor
Faculty of Technology,
Jtara Banga Kashi Vishwavidyalaya
Pundharia, Deoria, Bihar

terms specified herein

- 2.10 There is no financial commitment on the part of the **Faculty of Technology**, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **Mitra Bakery**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Mitra Bakery**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that **Faculty of Technology** and **Mitra Bakery** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied,

SR
08/02/19

AUTHENTICATED

HSK
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Krishi Vishwavidyalaya
Pundibari, Cooh Behar

Page 6 of 8

Chandra Kishor
08/02/2019

on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

RR
08/02/19
First Party
Dean (Acting)
Faculty of Technology
Uttar Banga Krishi Viswavidalaya
Pundibari, Cooch Behar, 738165 (WB)

MITRA BAKERY
Chandrajit
08/02/2019
Second Party
Partner

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Cooch Behar.

RR
08/02/19

Page 7 of 8

AUTHENTICATED

HSK
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari Cooch Behar

Chandrajit
08/02/2019

AGREED:

For Faculty of Technology

MITRA BAKERY
Claudia Mitra
08/02/2019
For Mitra Bakery

RS
08/2/19

Authorized Signatory
Faculty of Technology
Uttar Banga Krishi Viswavidyalaya
Pundibari Cooch Behar 736165

Authorized Signatory

Name of Institution	Name of Industry
Address: Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal - 736 165	Address: Mitra Bakery, Khagrabari, Cooch Behar, West Bengal - 736 101
Contact Details: 9475833777	Contact Details: 9832407277
E-mail: deantech.ubkv@gmail.com	E-mails: mitrabakery.cob@gmail.com
Web: www.ubkv.ac.in	Web:

Witness1:

HSKonar
08/02/19
HIMADRI SHEKHAR KONAR
FACULTY OF TECHNOLOGY,
U.B.K.V, PUNDIBARI,
COOCH BEHAR,
WEST BENGAL - 736 165

Pulak Mitra

Witness2:

PULAK NITRA
MITRA BAKERY, KHAGRABARI,
COOCH BEHAR, WB - 736 101

Witness3:

Om Prakash
8/2/19
OM PRAKASH CHATURVEDI
Faculty of Technology,
U.B.K.V., Pundibari
Cooch Behar, W.B. - 736165

Witness4: *Ashis Kumar Das*

ASHIS KUMAR DAS
ASSISTANT PROFESSOR
FACULTY OF TECHNOLOGY
UBKV, PUNDIBARI
COOCH BEHAR - 736165

RS
08/2/19

AUTHENTICATED

HSKonar
8/2/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

Claudia Mitra
08/02/2019



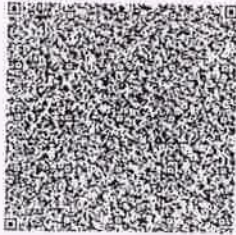
सत्यमेव जयते

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Certificate No.	: IN-DL35293915772857Q
Certificate Issued Date	: 07-Jun-2018 11:00 AM
Account Reference	: IMPACC (IV)/ dl711503/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL71150374546248548727Q
Purchased by	: TAPAN KUMAR MONDAL
Description of Document	: Article Others
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: TAPAN KUMAR MONDAL
Second Party	: Not Applicable
Stamp Duty Paid By	: TAPAN KUMAR MONDAL
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



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MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made between the **Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar 736165, West Bengal** (hereinafter referred to as "UBKV" which expression shall unless it be repugnant to the context or meaning thereof, be deemed to include its successors, legal representatives and permitted assigns) **First Part,**

AND

ICAR-National Research Center on Plant Biotechnology, under the administrative control of the Minister of Agriculture and Farmers Welfare, Government of India, with its registered office at Dr. Rajendra Prasad Road, Krishi Bhawan, New Delhi (hereinafter referred to as "ICAR-NRCPB" which expression shall unless it be repugnant to the context or meaning thereof, be

Statutory Alert:

1. The authenticity of the Stamp Certificate should be verified at www.stampedup.com and also on the website of the Government of India.
2. It is a duty of checking the legitimacy of all the users of the e-Stamp.
3. In case of any discrepancy please inform the competent authority.

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AUTHENTICATED
H.S.K.
19/06/19
Assistant Professor
Faculty of Technology,
Jttar Banga Krishi Viswavidyalaya,
Pundibari Cooch Behar

deemed to include its successors, legal representatives and permitted assigns) of the **Second Part., UBKV and ICAR-NRCPB** are hereinafter individually referred to as a 'Party' and collectively as 'Parties'.

2. General

2.1. This MOU proposes R&D promotion in partnership mode between UBKV and ICAR-NRCPB for carrying out joint research programmes in the areas of "**Development of semi-dwarf high yielding short grain aromatic traditional rice varieties of West Bengal through marker assisted breeding**" through project mode. The areas of responsibility and relationships presented hereinafter provide the concept under which the programme will be executed.

2.2. The research work will be executed in laboratories and field of the partner institutes and the Parties would share their facilities. The parties will study the possibilities of co-operation for carrying out specific investigations in accordance with the provisions of this MOU.

2.3. The research collaboration is intended to be flexible to allow the pursuit of new, unforeseen opportunities in the area of rice improvement for semi-dwarf high yielding short grain aromatic traditional rice varieties of West Bengal and related areas of research.

2.4. Details of molecular works related to this project (as mentioned in 4.1) will be carried out at ICAR-NRCPB.

2.5. Related field work such as development of mapping population, evaluations, phenotyping etc. will be carried out at UBKV, Pundibari, Cooch Behar (as mentioned in 4.2).

3. ACTIVITIES

The activities involved in rice improvement programme are mentioned below with objectives and deliverable of the research:-

Objectives:

- Development of semi-dwarf short grain aromatic rice varieties from Tulaipanji and Gobindobhog through marker assisted backcross breeding.

AUTHENTICATED

H. S. Kumar
19/02/19
Assistant Professor
Faculty of Technology,
Jttar Banga Krisni Viswavidyalaya
Pundibari Cooch Behar

[Handwritten signatures]

- Mapping and validation of genes and QTLs of the products (varieties which will be developed from this project) for important quality traits.

Deliverables:

- Improved lodging-tolerant, semi-dwarf, aromatic varieties will be developed from Tulaipanji and Gobindobhog.

4. RESPONSIBILITIES

Specific responsibilities will be allotted to individual institute and scientist concerned. After initiation of the project, each partner institute will identify more scientist/s (as per the requirement) for carrying out the work and achieving the objectives.

4.1. Responsibilities of ICAR-NRCPB

NRCPB will be responsible for DNA marker related works such as confirmation of hybridity and analysis of recovery of recipient parent background of recurrent parent, foreground and recombinant marker selection to avoid negative linkage drag using high density genotyping and array.

4.2. Responsibilities of UBKV

All breeding works including crossing, backcrossing, phenotyping, mapping population development and evaluation for various morphological, yield and quality parameters.

4.3. The expenditure of manpower and resources initially will be met from the respective parties. Each **Party** will execute its responsibilities from their internal available resources or through joint external funding projects.

5. REVIEW OF WORK

Progress of the work will be reviewed regularly by an evaluation committee formed with members from the partner institutes, **ICAR-NRCPB** and **UBKV** on a regular basis, at least once in year.

AUTHENTICATED

HSK
19/02/19
Assistant Professor
Faculty of Technology,
Jttar Banga Krisni Viswavidyalaya
Pundihari, Cooh Behar

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6. FUNDING

Initially the work will be started with *in-house* funding of the respective institutes but later a joint effort can be made for an external funding with proper permission from competent authority from both sides.

6. APPLICABLE LAWS

The applicable statutes, regulations, directives, and procedures of the Govt. of India shall govern this MoU and all documents as well as actions pursuant to it. Unless otherwise required by law, all works undertaken by **UBKV** and **ICAR-NRCPB** shall be governed by the policies and procedures of the respective institutions.

7. DISPUTES

Should there be any difference of opinion between the parties or if any dispute arises as to any of the matters provided for in this **Agreement**, the parties shall endeavor to settle such differences and/or disputes in an amicable manner through mutual consultation, failing which the dispute will be subject to New Delhi jurisdiction.

8. WARRANTIES

The parties in no way guarantee the research service performed pursuant to this Agreement and makes no warranties express or implied, regarding the quality of product produced under this Agreement.

9. INTELLECTUAL PROPERTY: Both the parties are expected to ensure protection of the Intellectual Property Rights generated or likely to be generated from this collaborative research work. Both the institutes will be joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case. A separate MOU will be signed in the advance stage of research if it leads towards the development of a product.

AUTHENTICATED

HSK
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Krishi Viswavidyalaya
Pundihar, Gaya, Bihar

[Handwritten signature]

10.1. Records: During the term of this Agreement, the Parties shall keep complete and accurate records pertaining to the results and other details which shall be shared with the Parties.

10.2. Audit

During the term of this Agreement, both parties will keep complete and accurate records of the projects for the purpose of internal and/or external audit.

10. CONFIDENTIALITY

A party in receipt of confidential information from other Party must not use or disclose the other party's confidential information without that prior written consent other than (i) for the purpose of carrying out this MOU, provided any disclosure is only to such of the receiving Party's personnel or to its related company and its personnel who need to know and who is subject to the confidentiality requirements of this MOU or (ii) as required by law.

12. REPORTS AND PUBLICATIONS: The parties hereby agree to share all the information, experimental results and all the necessary and relevant data on a timely basis when ever required. Any publication will be made jointly by **UBKV** and **ICAR-NRCPB**. Knowledge transfer will not be encouraged without taking any permission from **UBKV/ICAR-NRCPB**.

13. MISCELLANEOUS

- a. **Other relationships or Obligations.** This MOU shall not affect any pre-existing or independent relationships or obligations between the parties.
- b. **Survival.** The provisions of this MOU that require performance after the expiration or termination of this MOU shall remain in force notwithstanding the expiration or termination of the MOU.
- c. **Severability.** If any provision of this MOU is determined to be invalid or unenforceable, the remaining provisions shall remain in force as unaffected to the fullest extent permitted by law and regulation.

14. REVIEW OF AGREEMENT

AUTHENTICATED

H. S. Kumar
19/02/19

Assistant Professor
Faculty of Technology,
Jttar Banga Kisan University,
Bapatla

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This agreement can be reviewed to ensure adequate identification of support requirements. Reviews may also take place when changing conditions or circumstances require substantial changes or development of a new agreement. Minor changes may be made at any time by correcting the existing document or attaching a memorandum to the basic document. Changes must be coordinated and initialed by authorized representatives of the parties.

15. AMENDMENT AND MODIFICATION

This MOU may be amended or modified only by written, mutual agreement of the Parties.

16. EFFECTIVE DATE

This agreement becomes effective upon the date of last approving signature and will remain in effect indefinitely until superseded, rescinded or modified by written, mutual agreement of both Parties.

17. ACCEPTANCE OF AGREEMENT

Authorized Signatory
UBKV, Pundibari, Cooch Behar

Director of Research
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

Date:

Witness

1.

Bidhan Roy
25/06/18

2.

Dr. Bidhan Roy
Associate Professor & Head
Department of Seed Science and Technology
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar-736165, West Bengal.

3.

Date:

Signed this on ___ of ___ 2016

END OF DOCUMENT

[Signature]
11/16/18

Project Director
NRC on Plant Biotechnology-
L.B.S. Building, Pusa Campus,
Authorized Signatory New Delhi-110012
ICAR-NRCPB, New Delhi

Dr. Tapan Kumar Mondal

डा. तपन कुमार मंडल, प्रमुख वैज्ञानिक (जैव प्रौद्योगिकी)
Dr. Tapan K. Mondal, Pr. Scientist (Biotechnology)
राष्ट्रीय पशु एवं प्रौद्योगिकी अनुसंधान केन्द्र
ICAR-National Research Centre on Plant Biotechnology
पुसा परिसर, नई दिल्ली-110012, Pusa, New Delhi-12

AUTHENTICATED

[Signature]
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar



MEMORANDUM OF UNDERSTANDING

BETWEEN

**WESTERN SYDNEY UNIVERSITY, AUSTRALIA
ABN 53 014 069 881**

AND

UTTAR BANGA KRISHI VISWAVIDYALAYA, INDIA

1 PREAMBLE

- 1.1 Recognising the mutual benefits to be gained through a cooperative program promoting scholarly activities and international understanding, Western Sydney University (WSU) and the Uttar Banga Krishi Viswavidyalaya, India (UBKV) specified above enter into this Memorandum of Understanding on the terms set out below.

2 PURPOSE

- 2.1 The purpose of this Memorandum is to provide a framework by which the parties may in future explore joint activities together, in the academic areas of mutual interest, which may include:

- (a) development of collaborative research projects;
- (b) organisation of joint academic and scientific activities, such as courses, conferences, seminars, symposia or lectures;
- (c) exchange of academic staff for teaching and research activities;
- (d) exchange of PhD/HDR students to undertake study or participate in research programs; and
- (e) exchange of publications and other information of common interest.
- (f) organize joint short term continuing education programs on topics of mutual interest and to invite each other's faculty to participate therein.
- (g) facilitate provision of cultural and intellectual enrichment opportunities for staff and students of both institutes; and
- (h) Any other activity as mutually agreed between the parties.

AUTHENTICATED

H.S. Kumar
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundihar, Cooch Behar

- 2.2 Cooperative projects under this Memorandum may include any of the academic disciplines of the parties.

3 STATUS

- 3.1 This Memorandum does not create any legally binding obligations or rights between the parties.
- 3.2 The details, terms and conditions that guide specific identified activity will be determined separately and in accordance with the approvals procedures of both parties.
- 3.3 These details, terms and conditions shall include a technical description of the proposed activity, financial requirements, final arrangements, and person(s) responsible for implementation.
- 3.4 Any specific arrangements undertaken by the parties will be documented in legally binding agreements.

4 TERM OF THIS MEMORANDUM

- 4.1 This Memorandum commences on the date specified on the last page of this document, and remains in effect for a period of FIVE years from commencement.
- 4.2 The parties may extend or renew this Memorandum by mutual agreement.
- 4.3 Either party may terminate this Memorandum at any time by notifying the other party at least six (6) months in advance of the proposed date of termination.
- 4.4 Termination or expiry of this Memorandum does not affect any legally binding arrangements in effect or continuing following termination or expiry of this Memorandum.

5 COORDINATION OF AGREED ACTIVITIES

- 5.1 In order to carry out and fulfil the aims of this Memorandum, each party will appoint a coordinator, who will be responsible for managing the development and conduct of any activities upon which the parties agree.

6 JOINT ACTIVITIES

- 6.1 Either party may initiate proposals for activities at any time and submit them to the other party for consideration. If the parties agree to implement any proposal then they will enter into a legally binding agreement incorporating suitable provisions, depending on the nature of the activities agreed.

Page 2 of 3

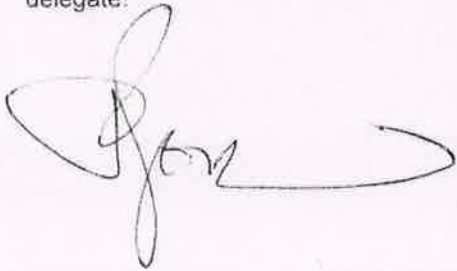
AUTHENTICATED

HSK
19/02/19
Assistant Professor
Faculty of Technology,
Jttar Banga Krisni Miswavidyalaya
Purdibari, Cooch Behar

SIGNATURE PAGE

This Memorandum of Understanding is dated 27 November, 2018.

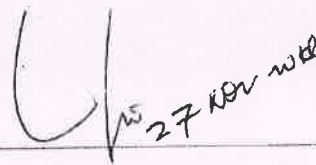
SIGNED for and on behalf of the
WESTERN SYDNEY UNIVERSITY ABN
53 014 069 881 by its authorised
delegate:



Professor Barney Glover

Vice-Chancellor and President

SIGNED for and on behalf of the **UTTAR**
BANGA KRISHI VISWAVIDYALAYA, INDIA
by its duly authorised officer or delegate:



Dr. Chirantan Chattopadhyay

Vice-Chancellor

Vice-Chancellor
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar-736165 (W.B.)



Registrar
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

AUTHENTICATED


19/02/19
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

W 186776

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made and entered into on the Fifth day of August, 2016 at Pundibari, Cooch Behar, West Bengal, INDIA

BETWEEN

Petroleum Conservation Research Association, a Registered Society under the Ministry of Petroleum & Natural Gas, Govt. of India and having its Registered Office at 'Sanrakshan Bhavan', 10 Bhikaji Cama Place, New Delhi-110066 and its Regional office at PCRA ER (Indian Oil Bhavan, 6th Floor, 2 Gariahat Road (South), Dhakuria, Kolkata-700068) hereinafter referred to as the "PCRA" of the ONE PART.

AND

Uttar Banga Krishi Viswavidyalaya (Pundibari, Cooch Behar, West Bengal, Pin-736165) hereinafter referred to as "UBKV" of the OTHER PART.

AUTHENTICATED

HSK
19/02/18
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

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19/02/18

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pg. 1

137

Collectively the above Parties shall be referred as "The Parties" and individually as "PCRA" & "UBKV".

WHEREAS:

"PCRA" represents the Government of India's effort to promote conservation of petroleum products in all the sector of the economy viz. Industrial, Transport, Agriculture and Domestic. To promote conservation of Petroleum Products in Agriculture sector "PCRA" conducts activities in Agriculture sector for the improvement of energy use efficiency in the Agriculture Sector.

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

That PCRA and UBKV will work collaboratively to spread awareness on energy use efficiency and conservation of petroleum products in Agriculture sector.

Agricultural Workshops

Agricultural workshops and seminars would be organized for dissemination of knowledge and information on energy conservation to the community engaged in agriculture.

UBKV will invite members from stake holders of agricultural community for the workshops to be organized in different districts of North Bengal. The infrastructural support will be provided by UBKV at the university campuses and in the Krishi Vigyan Kendras (KVKs) such as auditorium, seating arrangement and audio / video arrangements for display as necessary. UBKV will also provide faculty support for the agricultural workshops .

PCRA would serve as the knowledge partner by providing energy conservation tips and literature relevant to Agriculture sector.

PCRA would also provide necessary financial assistance as agreed prior to commencement of the programme.

UBKV will draw out advance plans for the programmes periodically and intimate PCRA from time to time. Representative of PCRA may participate in the Agricultural workshops and seminars whenever possible to boost the momentum of the programme.

AUTHENTICATED

*H/S Kumar
19/02/19*

**Assistant Professor
Faculty of Technology,
Jttar Banga Krishi Viswavidyalaya
Dundihari, Chapra, Bihar**

*C. P. Singh
05/02/19*

Kisan Mela

PCRA will participate in Kisan Melas organized by UBKV from time to time depending on mutual convenience.

Validity

This Memorandum of Understanding is deemed to be effective from the date of signature and will remain in force for a period of 3(three) years thereafter which can be further extended subject to mutual consent in writing of both **The Parties**.

Correspondence:

Written communication between **The Parties** on any matter related to this Memorandum of Understanding (MoU) shall be made at the following addresses:

PCRA

Chief Regional Co-ordinator
Petroleum Conservation Research Association
6th Floor, Indian Oil Bhavan
2, Gariahat Road, (South)
Dhakuria, Kolkata - 700068

UBKV

Director of Extension Education
Uttar Banga Krishi Viswavidyalaya.
PO. Pundibari,
Dist. Cooch Behar
West Bengal. PIN-736165

Confidentiality:

"Both the Parties" shall treat the details of the Memorandum of Understanding (MoU) and their operations and affairs as confidential for the purposes of the Memorandum of Understanding (MoU) and shall not publish or disclose the same to any third party or entity, except under the provisions of law or order of court of law.

Termination of Memorandum of Understanding (MoU):

Either party shall have the right to terminate the MEMORANDUM OF UNDERSTANDING, with intimation to the other party at least 30 days in advance.

AUTHENTICATED

H. Skumar
19/02/19

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

C. H. P. K.
R-518

Intellectual Property Rights:

The Parties hereto understand and confirm that all contents including all signage, displays which include the logo and trademark of PCRA shall be displayed only upon prior consent from PCRA. Neither Party shall use the Intellectual Property of the other Party in any manner whatsoever without the prior consent of the other Party.

IN WITNESS WHEREOF, the Parties have executed this MEMORANDUM OF UNDERSTANDING as on the day, month and year first hereinabove written.

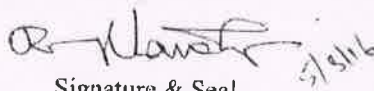
For and on behalf of
"Uttar Banga Krishi Viswavidyalaya"

For and on behalf of
"Petroleum Conservation Research Association"



Signature & Seal

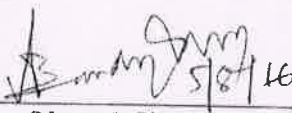
Name: Dr. C. Chattopadhyay
Designation: Vice Chancellor
Uttar Banga Krishi
Viswavidyalaya
Date: August 05, 2016
Place: Pundibari, Cooch Behar (WB)



Signature & Seal

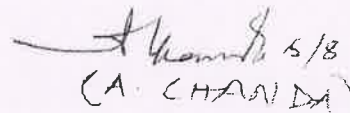
Name: P. K. Raychaudhuri
Designation: Director & Chief Regional
Coordinator,
PCRA ER
Date: August 05, 2016
Place: Pundibari, Cooch Behar

Witness: 1.



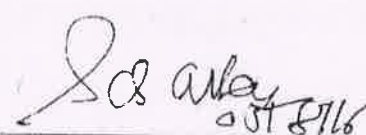
(Name & Signature)
(S. BANDYOPADHYAY)

Witness: 1.



(Name & Signature)
Addl Dir, PCRA

2.



(Name & Signature)
(S. C. SEN)

2.

(Name & Signature)

AUTHENTICATED



Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari Cooch Behar

pg. 4

18. LoA and subsequent EoA till the current Academic Year



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 (भारत सरकार का एक आधिकारिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 06/02/WB/ENGG/2005/010
 June 21, 2005



To
The Secretary,
Deptt. of Higher Education,
Govt. of West Bengal,
Bikas Bhawan, Salt Lake City,
KOLKATA - 700 091.

Sub: AICTE approval to UTTAR BANGA KRISHI VISHWAVIDYALYA, P.O: PUNDIBARI, DIST: COOCH BEHAR, WEST BENGAL- 736165 for establishment of FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISHWAVIDYALYA, P.O: PUNDIBARI, DIST: COOCH BEHAR, WEST BENGAL for the Academic year 2005-06.

Sir/Madam,

The Application/ Proposal received from UTTAR BANGA KRISHI VISHWAVIDYALYA, P.O: PUNDIBARI, DIST: COOCH BEHAR, WEST BENGAL- 736165 has been processed as per laid down procedure, guidelines, policy and/or norms & standards of AICTE, mentioned in AICTE Regulations and/or "AICTE Hand Book for Approval Process".

I am directed to state that the All India Council for Technical Education (AICTE) is pleased to accord approval for Establishment of FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISHWAVIDYALYA, P.O: PUNDIBARI, DIST : COOCH BEHAR, WEST BENGAL for the academic year 2005-06 to conduct of following course(s) with annual intake as given below:

FULL TIME COURSE (S)	ANNUAL INTAKE	ENTRY LEVEL	DURATION (YEARS)	PERIOD OF APPROVAL
AGRICULTURAL ENGINEERING	15	10+2	4	2005-06
Total Annual Intake	15			

Cont...2/

The Approval accorded above is subject to fulfillment of the following conditions:

1. The institution must have affiliation to a University for the above courses before making admissions. In the absence of such Affiliation this letter of approval shall be treated as Withdrawn (Order of the High Court of Madras in W.P. No. 33256 of 2002 and other Batch of Petitions).
2. No admission shall be made by the Institution, contrary to the guidelines issued by AICTE, for the academic session 2005-06. All the admissions must necessarily be made through Entrance Test.
3. The approved course(s) shall commence as per the academic calendar of the Affiliating University.
4. If this letter of approval is received by you after the closing date of State/ National level Central Counseling for Admissions in the concerned State/ Union Territory, this letter of Approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.
5. No excess admission shall be made by the institution during any academic year.
6. The approval is valid only for the academic year 2005-06. If no further extension of AICTE approval is received beyond the academic year 2005-06, this Approval Letter will not be valid for making any admission for the subsequent years.
7. Any other condition(s) as may be specified by AICTE from time to time.

Consequent to the Supreme Court Judgment, the Model Constitution of Governing Body notified by AICTE in its approval Regulations 1994, stands overruled. It has been decided that while AICTE will not insist on any nomination in the Governing Body of Private Unaided Institution, the Affiliating University/ State Government shall impose minimum conditions of affiliation, such as, prescription of qualifications of Governing Body Members, in order to insure academic excellence. It shall be desirable for the private unaided institutions to induct at least 50% of the members of the Governing Body drawn from renowned academia, academic administrators, Subject Experts and professionals from industry in order to seek their innovative ideas for continuous improvement in the delivery of teaching learning process, matching best practices elsewhere and achieve excellence.

Cont3/

Please note that the Council would verify the status in respect of recruitment of faculty and rectification of other deficiencies through Surprise Inspection without any prior intimation. The institution shall be liable for strict action including action under the relevant provisions of Indian Penal Code in case false information is furnished to the Council.

The Council has decided to undertake inspections without any prior notice before extending approval for the year 2006-07 anytime after August 2005. A compliance report in respect of conditions/ deficiencies listed in Annexure - A must be sent to the council before 31st August, 2005 in the absence whereof extension of approval for the year 2006-07 may not be considered.

The Compliance Report to be submitted to the Council by 31st August, 2005 should also be accompanied with a Visiting/ Processing Fee as prescribed by the Council in the form of Demand Draft in favour of the Member Secretary, AICTE payable at New Delhi. In the absence of the processing / visiting fee, the compliance report may not be entertained.

In the event of infringement/ contravention or non-compliance of the above Conditions and/or the provision of AICTE Act & Regulations/ Guidelines/ Norms & Standards as prescribed by AICTE, further actions leading to "Reduced Intake" or "No Admission" or "Withdrawal of Approval", shall be taken by AICTE and the liability arising out of such actions will be solely that of the Management/ Trust/ Society and/ or the Institution.

Yours faithfully,



(Dr. P. Venkateswara Rao)
Adviser (UG/ PG)

Copy to:

1. The Regional Officer, Eastern Regional Office, AICTE, College of Leather Technology Campus, Salt Lake City, Sector-III, Kolkata - 700 009
2. Director of Technical Education, Govt. of West Bengal, Bikash Bhawan, 10th Floor, East Block, Salt Lake City, Calcutta- 700091
3. **THE REGISTRAR**
UTTAR BANGA KRISHI VISHWAVIDYALYA
P.O: PUNDIBARI, DIST : COOCH BEHAR
WEST BENGAL- 736165
4. Guard File Bureau (UG/PG)

Name of the Trust: -

UTTAR BANGA KRISHI VISHWAVIDYALYA
P.O: PUNDIBARI, DIST : COOCH BEHAR
WEST BENGAL- 736165

Name of the Institution: -

FACULTY OF TECHNOLOGY
UTTAR BANGA KRISHI VISHWAVIDYALYA
P.O: PUNDIBARI, DIST : COOCH BEHAR
WEST BENGAL- 736165

Specific Conditions: -

- The institution must appoint faculty members as per AICTE norms with pay scales as prescribed by the AICTE before making any admissions.
- All the required Laboratories/ Workshops/ Machineries / Equipments as per approved syllabi of the affiliating University, must be operational before making admissions.
- Workshop needs to be established.

Submitted to Vice-Chancellor

for n. observation.

B. Banerjee

12.07.05



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 0602/WB/ENGG/2005/010

Date: 15/05/2006

To,

The Principal Secretary,
Department of Higher Education, Govt of West Bengal,
Bikas Bhawan, Salt lake City,
Kolkata- 700091.

Sub: Extension of approval to FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA
P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL for the academic year 2006-07.

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 28th November 2005 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL for conduct of the following courses with the intake indicated below:

Name of the Course(s)	Existing Intake	Revised Intake	Period of approval
AGRICULTURAL ENGG	15	15	2006-2007
Total	15	15	

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2006.

Faculty :

- ❖ Faculty in the Humanities & Sc. should be appointed in the ratio of 1:15 for the incoming batch of students.

Contd 2/

Note: The mandatory disclosure in prescribed format if not hosted on the website should be hosted by 31st May, 2006, failing which action would be initiated as per the rules and regulations of the AICTE including No Admission / Withdrawal of approval.

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along with mandatory disclosure, and details of faculty recruited for each course in the prescribed format (available at AICTE Website www.aicteernet.in) to the concerned Regional Office latest by 31st August 2006 for consideration of approval beyond the session 2006-07.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

1. That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.
(b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time
(c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.
(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
(e) That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(g) That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution

- 3 That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.
- 4 That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.
- 5 That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.
- 6 That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.
- 7 (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.
(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.
(c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
(d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. **31st August 2006 for the current year.**
(e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
- 8 That all the laboratories, workshops etc shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.
- 9 That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
- 10 That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.
- 11 AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.
- 12 That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
- 13 That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant in-aid from the Central or State Government.
- 14 That the Management shall strictly follow further conditions as may be specified by the Council from time to time.



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 06/02/WB/ENGG/2005/010

Date: 14.05.2007

To,

The Principal Secretary,
Department of Higher Education,
Govt of West Bengal,
Bikas Bhawan,
Salt lake City,, Kolkata- 700091.



Sub: Extension of approval to **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL** for the academic year 2007-08

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 14th September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL** for conduct of the following courses with the intake indicated below:

Name of the Course(s)	Existing Intake	Revised Intake	Period of approval
AGRICULTURAL ENGG	15	15	2007-08
Total	15	15	

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2007.

➤ Faculty :

- ❖ Faculty with proper cadre ratio, requisite qualifications and experience to be appointed in all the disciplines as per AICTE norms.
- ❖ AICTE pay scales to be implemented for all faculty members.
- ❖ Faculty in the Basic Sci. & Hum and core courses should be made available as per AICTE norms.

➤ COMPUTER FACILITY:

	Required	Available	Shortfall (Number)
Computer	8	4	4

➤ LIBRARY FACILITY:

- ❖ Number of Journals / Books to be increased as per AICTE norms.

(17-10)

Note: The mandatory disclosure in prescribed format is required to be hosted on the website as per directions in the AICTE website failing which, action would be initiated as per the rules and regulations of the AICTE including No Admission / Withdrawal of approval.

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along with mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Website www.aicte.ernet.in) to the concerned Regional Office latest by 31st August 2007 for consideration of approval beyond the session 2007-08.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

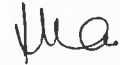
- 1 That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.
(b) ~~That the admissions shall be made in accordance with the regulations notified by the Council from time to time.~~
(c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.
(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
(e) That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(g) That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
(h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
- 3 That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

contd.. 3/-

- 4 That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.
- 5 That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.
- 6 That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.
- 7 (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.
- (b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.
- (c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
- (d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. 31st August 2007 for the current year.
- (e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
- 8 That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.
- 9 That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
- 10 That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.
- 11 AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.
- 12 That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
- 13 That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
- 14 That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

- 15 In the event of non-compliance by the **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL** with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL**

Yours faithfully,



(Harish C. Rai)

Adviser- UG/PG (E&T)

Copy to:

- 1 Director of Technical Education ,
Govt of West Bengal, Bikash Bhawan,
10th Floor, East Block, salt Lake City, Kolkata- 700091.
- 2 The Registrar, WEST BENGAL UNIVERSITY OF TECH
(He is requested to complete the process of affiliation for facilitating admissions).
- 3 The Regional officer,
Eastern Regional Office,
AICTE, College of Leather Technology Campus,
Salt Lake City, Sector-III, Kolkata- 700098.
- 4 ✓ The Principal,
**FACULTY OF TECHNOLOGY
UTTAR BANGA KRISHI VISHWAVIDYALAYA
P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL**

(Relevant AICTE regulations / notifications / guidelines pertaining to Admission, Fees and Tuitions Fees waiver schemes are also annexed).

- 5 Guard File (UG/PG).

Dean (Tech) F&T.A
m m
28.5.07



अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का सांविधिक निकाय) (A statutory body of the Govt. of India)



F. No. 06/02/WB/ENGG/2005/010

Date: 2 MAY, 2008

To,

The Principal Secretary, Department of Higher Education,
Govt. of West Bengal, Bikas Bhawan,
Salt Lake City, Kolkata -700091

Sub: Extension of approval to **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA, P.O: PUNDIBARI, DIST : COOCH BEHAR , WEST BENGAL - 736165**

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2006 dated 14th September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL - 736165** for conduct of the following courses with the intake indicated below:

Name of the Course(s)	Existing Intake	Revised Intake	Period of approval
AGRICULTURAL ENGG	15	15 ✓	2008-10*
Total	15	15	

* The Compliance Report along with requisite processing fee is required to be submitted every year by 31st August irrespective of the period of approval.

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31st August 2008.

➤ **Faculty :**

- ❖ AICTE pay scales to be implemented for all faculty members.
- ❖ Faculty with proper cadre ratio, requisite qualifications and experience to be appointed in all the disciplines as per AICTE norms.
- ❖ Faculty in the core subjects and basic science & humanities to be provided as per AICTE norms.

➤ **LIBRARY FACILITY:**

- ❖ Number of books(Titles /Volumes) /Journals to be increased as per AICTE norms.

➤ **Others :**

- ❖ The deficiencies communicated in the last approval letter are not fully complied with.
- ❖ Infrastructural facilities in terms of Built up Area/equipments /machinery, faculty, library etc to made available as per AICTE norms/syllabus.

7वाँ तल, चन्द्रलोक भवन, जनपथ, नई दिल्ली-110001

7th Floor, Chander Lok Building, Janpath, New Delhi-110001

Phone : 011-23724151-57 Fax : 011-23724183 Website : www.aicte.ernet.in

Note: The mandatory disclosure in prescribed format is required to be hosted on the website as per directions in the AICTE website failing which, action would be initiated as per the rules and regulations of the AICTE including No Admission / Withdrawal of approval.

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along with mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Website www.aicteernet.in) to the concerned Regional Office latest by 31st August 2008 for consideration of approval beyond the session 2008-09. It may be noted that all the institutions are required to submit the compliance Report alongwith requisite processing fee by 31st August every year irrespective of the period of approval.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

- 1 That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.
 - (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.
 - (c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.
 - (d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
 - (e) That no excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
 - (f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
 - (g) That the Institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the Institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
 - (h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the Institution
- 3 That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.
- 4 That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.
- 5 That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.

contd.. 3/-

- 6 That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.
- 7 (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.
(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.
(c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
(d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time i.e. **31st August 2008 for the current year.**
(e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
- 8 That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.
- 9 That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
- 10 That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.
- 11 AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.
- 12 That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
- 13 That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
- 14 That in the event of student/candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. It would not be permissible for Institutions and Universities to retain the School/Institution Leaving Certificate in original to force retention of admitted students (See Public Notice aicte/DPG/03(01)/2008)
- 15 The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. © 656/1998. In case of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action including withdrawal of approval.
- 16 That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

17. In the event of non-compliance by the **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL** with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of **FACULTY OF TECHNOLOGY UTTAR BANGA KRISHI VISHWAVIDYALAYA P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL**

Yours faithfully,



(Harish C. Rai)
Adviser- UG/PG (E&T)

Copy to:

1. Director of Technical Education ,
Govt of West Bengal, Bikash Bhawan,
10th Floor, East Block, salt Lake City, Kolkata- 700091.
2. The Registrar, WEST BENGAL UNIVERSITY OF TECH
(He is requested to complete the process of affiliation for facilitating admissions).
3. The Regional officer ,
Eastern Regional Office,
AICTE, College of Leather Technology Campus,
Salt Lake City, Sector-III, Kolkata- 700098.
4. The Principal,
**FACULTY OF TECHNOLOGY
UTTAR BANGA KRISHI VISHWAVIDYALAYA
P.O: PUNDIBARI, DIST : COOCH BEHAR WEST BENGAL**

(Relevant AICTE regulations / notifications / guidelines pertaining to Admission, Fees and Tuitions Fees waiver schemes are also annexed).

5. Guard File (UG/PG).



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Eastern/1-473852783/2011/EOA

Date: 01-09-2011

To,
The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

3042
Pradhan
13/9/11



Sub: Extension of approval for the academic year 2011-12.
Ref: Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011 dated 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

Regional Office	Eastern	Application Id	1-473852783
		Permanent Id	
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Institute Type	Government		

to conduct following courses with the intake indicated below for the academic year 2011-12

Application Id: 1-473852783			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	No	No	No

The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

1614
14-09-11

Application Number : 1-473852783

Page 1 of 2

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Date of printing: 08-09-2011

F-3(a)
Inchang, F/Technology / file
for record
16.09.2011
Below for VC 13.9.2011



All India Council for Technical Education
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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
2. **The Director Of Technical Education,**
West Bengal
3. **The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. **The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
- ✓ 5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
6. **Guard File(AICTE)**



All India Council for Technical Education
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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Eastern/1-794147922/2012/EOA

Date: 10 May 2012

To,
The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-794147922
		Permanent Id	1-473852783
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2012-13

Application Number: 1-794147922*

Page 1 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On: 22 May 2012.

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-794147922			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	No	No	No

The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

- The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
- The Director Of Technical Education,**
West Bengal
- The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
- The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDBARI,
COOCHBEHAR, COOCH BEHAR,

Application Number: 1-794147922*

Page 2 of 3

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Letter Printed On: 22 May 2012.

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West Bengal,736165

5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR,COOCH BEHAR,
West Bengal,736165
6. **Guard File(AICTE)**

Application Number: 1-794147922*

Page 3 of 3

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Letter Printed On:22 May 2012.

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F.No. Eastern/1-1372064084/2013/EOA

Date: 19-Mar-2013

To,
The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-1372064084
		Permanent Id	1-473852783
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,COOCHBEHAR,COOCH BEHAR,West Bengal,736165
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Application Number: 1-1372064084*

Page 1 of 3

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Letter Printed On:19 April 2013.

Printed By : AIC003855



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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-1372064084			Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	No	No	No

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
2. **The Director Of Technical Education,**
West Bengal
3. **The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. **The Principal / Director,**

Application Number: 1-1372064084*

Page 2 of 3

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Letter Printed On: 19 April 2013.

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FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165

5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
6. **Guard File(AICTE)**



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F.No. Eastern/1-2010939965/2014/EOA

Date: 04-Jun-2014

To,
The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-2010939965
		Permanent Id	1-473852783
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2010939965*

Page 1 of 3

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Letter Printed On:10 July 2014

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2010939965			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	NA	NA	N

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
2. **The Director Of Technical Education,**
West Bengal

Application Number: 1-2010939965*

Page 2 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:10 July 2014

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3. **The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. **The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
6. **Guard File(AICTE)**



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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. Eastern/1-2449863217/2015/EOA

Date: 07-Apr-2015

To,
The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-2449863217
		Permanent Id	1-473852783
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2449863217*

Page 1 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:30 June 2015

Printed By : AIC003855



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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-2449863217			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

- The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
- The Director Of Technical Education,**
West Bengal

Application Number: 1-2449863217*

Page 2 of 3

Note: This is a Computer generated Letter of Approval No signature is required.

Letter Printed On:30 June 2015

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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

3. **The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. **The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
6. **Guard File(AICTE)**



All India Council for Technical Education
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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. Eastern/1-2811664228/2016/EOA

Date: 05-Apr-2016

To,

The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Eastern	Application Id	1-2811664228
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Permanent Id	1-473852783
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA	Institute Address	P. O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165
Institute Type	Government	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P. O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2811664228			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twinning Program Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch	15	15	NA	NA	NA

Application Number: 1-2811664228

Note: This is a Computer generated Report. No signature is required.

Printed By : AIC003855

Page 1 of 2
Letter Printed On: 10 May 2016



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

GY		TE			Behar							
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The above mentioned approval is subject to the condition that FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Dr. Avinash S Pant
Vice - Chairman, AICTE

Copy to:

- The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
- The Director Of Technical Education,**
West Bengal
- The Registrar,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
- The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
- The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
- Guard File(AICTE)**



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi - 110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724189 www.aicte.org

F.No. Eastern/1-3324460334/2017/EOA

Date: 30-Mar-2017

To,

The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of approval for the academic year 2017-18

Re/ Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-473852783	Application Id	1-3324460334
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA.	Institute Address	P.O. PUNDIBARI, COOCH-BEHAR, COOCH-BEHAR, West Bengal, 736165
Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA.	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA, P.O. PUNDIBARI, COOCH-BEHAR, COOCH-BEHAR, West Bengal, 736165
Institute Type	Government	Region	Eastern

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application id: 1-3324460334			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NET Approval status	PIC / FN / Gulf / OCH / OCI Approval status	Program Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	AGRICULTURAL ENGINEERING	FULL TIME	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	15	NA	NA	NA

Application Number: 1-3324460334

Note: This is a Computer generated Report.No signature is required 2017

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Page 1 of 3
Letter Printed on: 27 November



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi - 110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No., 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org.

Prof. A.P. Mittal
Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
2. **The Director Of Technical Education**,**
West Bengal
3. **The Registrar**,**
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. **The Principal / Director,**
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
5. **The Secretary / Chairman,**
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165
6. **Guard File(AICTE)**

Note: ** - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kuri, New Delhi - 110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte.org

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2018-19

Extension of Approval (EoA)

F.No. Eastern/1-3508997571/2018/EOA

Date: 04-Apr-2018

To,

The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091



Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-473852783	Application Id	1-3508997571
Name of the Institute	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA	Name of the Society/Trust	UTTAR BANGA KRISHI VISWAVIDYALAYA
Institute Address	P.O. PUNDIBARI, COOCHBEHAR, COOCH BEHAR, West Bengal, 736165	Society/Trust Address	FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI, COOCHBEHAR, COOC H BEHAR, West Bengal, 736165
Institute Type	Government	Region	Eastern

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site	No	Change of Site Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Foreign Collaboration /Twining Program Approval Status*
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	AGRICULTURAL ENGINEERING	FT	Uttar Banga Krishi Vishwavidyalaya, Cooch Behar	15	NA	NA	NA

+FT -Full Time, PT-Part Time

Deficiencies Noted based on Self Disclosure

Particulars	Deficiency
Other Details Deficiency	
List of faculty and data uploaded on the Institute web portal	Yes
Anti-Ragging Related Deficiency	
Appointment of Counselors	Yes
Ombudsman Related Deficiency	
Grievance Committee	Yes
Other Facilities Deficiency	
Appointment of Student Counsellor	Yes
Establishment of Internal Complaint Committee(ICC) As per section 4 of SexualHarassment of Women at Workplace (Prevention, Prohibition and Redressal) Act,2013	Yes
Establishment of Grievance Redressal Committee in the Institute and Appointment of OMBUDSMAN by the University	Yes
Digital Payment for all Financial Transactions as per MHRD Directives	Yes
Compliance of the National Academic Depository(NAD) as per MHRD Directives	Yes
Display Board within the premises as well as in the Website of the Institution Indicating the Feedback Facility of Students and Faculty available in the AICTE Web Portal	Yes
Implementing Food Safety and Standard Act,2006 in the Institution	Yes
Provision to watch MOOCS Courses through Swayam	Yes
Institution-Industry Cell	Yes
Insurance for Students	Yes
Applied membership-National Digital Library	Yes
Instructional Area Common Facilities	
Language Laboratory	Yes

*Please refer Deficiency Report for details

FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA is hereby informed to submit the compliance of the deficiencies mentioned above to the Regional Office within a period of **6 months** from the date of issuance of this letter failing which the council shall initiate strict action as defined in Approval Process Handbook 2018-19 during the subsequent Academic Year.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Regional Officer,
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal
2. The Director Of Technical Education**,
West Bengal
3. The Registrar**,
Uttar Banga Krishi Vishwavidyalaya, Cooch Behar
4. The Principal / Director,
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA
P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165

5. The Secretary / Chairman,
UTTAR BANGA KRISHI VISWAVIDYALAYA
FACULTY OF TECHNOLOGY, UTTAR BANGA KRISHI VISWAVIDYALAYA P.O. PUNDIBARI,
COOCHBEHAR, COOCH BEHAR,
West Bengal, 736165

6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

19. Accounted audited statement for the last three years

FUND FLOW STATEMENT AS ON 31ST APRIL 2014 & 31ST MARCH 2015

SOURCE	Sch	Amount (in Rs.)		APPLICATION	Sch	Amount (in Rs.)	
		2013-14	2014-15			2013-14	2014-15
Grant received during the year							
1.01 SALARY GRANT-N.P	01	176931122.00	264712593.00	State Salary Grant - Expenses	03	143169030.00	191183822.00
1.04 STATE OTHER GRANT-N.P.		14816387.00	215584917.00	State Salary Grant - Expenses		11460768.00	19960554.00
1.05 ICAR-DEVA GRANT		8800000.00	15300000.00	2.01 SALARY - EMPLOYEES		2367481.00	2645387.00
1.06 B LIBRARY GRANT FROM ICAR		18623000.00	9028121.00	2.02 PENSION		837000.00	669000.00
1.06 OTHER GRANTS - PROJECTS ETC		5638462.00	20000000.00	2.04 STIPEND / SCHOLARSHIP / FELLOWSHIP		475699.00	448386.00
1.07 PRIOR PERIOD RECEIPTS		39824000.00	5960222.00	2.17 BONUS TO EMPLOYEES		0.00	0.00
1.07A PRIOR PERIOD RECEIPT - PROJECT		38238.00	41310633.00	2.28 P.F. EMPLOYEES CONTRIBUTION		0.00	0.00
Indirect Receipts		37124.00	151630.00	2.48 RETIREMENT BENEFIT		0.00	15172104.00
3.01 SALES PROCEEDS	02	14748672.50	1299168.00	State other Grant & Own Generation - Expenses		31013322.22	33508654.00
3.01A SALE PROCEEDS UNDER PROJECTS		1378295.00	1138942.00	2.03 HONORARIA / WAGES		1879095.00	1245699.00
3.02 SERVICE CHARGES RECEIVED		2961769.50	3210907.00	2.04A UNIVERSITY MERIT SCHOLARSHIP		483000.00	633930.00
3.03 INTEREST RECEIVED		0.00	15891.00	2.05 STUDENT WELFARE		113422.00	379165.00
3.04 DEBT RECEIVED		2326690.00	7505701.00	2.08 ELECTRICITY CHARGES		4767795.00	6183899.00
3.05 MECH./VECH. HIRE CHARGES RECEIVED		547774.00	393429.00	2.09 DEPT. MECH./VEHICLE EXP.		648934.00	947079.00
3.06 STUDENTS COLLECTIONS		306535.00	253222.00	2.10 HIRE CHARGES OF VEHIC./MECH. EXP.		221137.00	121098.00
3.10 RECRUITMENT FEES RECEIVED		4142652.00	97550.00	2.12 MAINTENANCE OF EQUIPMENT		340853.00	371282.00
3.11 OVER-HEAD/INSTITUTIONAL CHARGES RECEIVED		1210275.00	5100515.00	2.13 OVER-TIME EXPENSES		183754.00	121098.00
3.12 ELECTRICITY CHARGES RECEIVED		1648087.00	406496.00	2.14 T.A. EXPENSES		383927.00	241740.00
3.13 DONATION RECEIVED		1083359.00	1213734.00	2.15 TELEPHONE & INTERNET		154799.00	604983.00
3.20 MISCELLANEOUS RECEIPT		82106.00	66000.00	2.18 REPAIR & RENOV. OF CIVIL CONST.		2633535.00	186512.00
			22848.00	2.18A REPAIR & RENOV. OF STAFF QUARTER		3691558.00	2229847.00
				2.20 AUDIT FEES		61715.00	1593481.00
				2.21 WORK SHOPS/INSTRUMENTS/ROBIM		194805.00	109954.00
				2.22 CONTINGENCY TO KOLKATA		610182.00	304760.00
				2.23 CONTINGENCY TO MAHARAJGANJATI		0.00	0.00
				2.24 CONTINGENCY TO RRS KALIMPONG		300000.00	35505.00
				2.27 PRIOR PERIOD EXPENDITURE		292513.00	473739.00
				2.28 INSURANCE		190278.00	408000.00
				2.23 STATIONARY & PRINTING		16811.00	293521.00
				2.23 FAX, POSTAGE & INTERNET EXP.		305941.00	510546.00
				2.23 LEGAL EXPENSES		21623.00	126310.00
				2.26 BANK CHARGES		0.00	505886.00
				2.28 MEETING EXPENSES		29442.22	12893.00
				2.29 WATCH & WARD		556010.00	623273.00
				2.41 ADVERTISEMENT & PUBLICITY EXP.		3590974.00	3552531.00
				2.45 RECRUITMENT EXPENSES		703647.00	1268260.00
				2.50 CONTINGENT EXPENSES (MISC.) TO FUNDABARI		0.00	998178.00
				2.53 CONTINGENCY FOR FACILITY OF ANIMAL		238237.00	902853.00
				2.54 CONTINGENCY FOR FACILITY OF HORT		242923.00	308441.00
				2.55 CONTINGENCY FOR FACILITY OF TECH		680521.00	1187257.00
				2.56 CONTINGENCY FOR CENTRAL FARM		10642.00	161479.00
				2.57 CONTINGENCY FOR GEN. ADMIN.		721003.00	964056.00
				2.58 CONTINGENCY FOR RRS FUNDABARI		0.00	0.00
				2.59 CONTINGENCY FOR CAMP OFFICE AT KOLKATA		62324.00	254029.00
				2.60 CONTRACTUAL PAY / REWARD/INCENTION		65484.00	100920.00
				2.61 LIBRARY EXPENSES		4076905.00	3734322.00
				2.63 CONTINGENCY FOR ANIMAL SCIENCE UNIT		52777.00	54093.00
				2.64 V.C.'S RESERVE FUND		113854.00	259888.00
				2.65 CONVOCATION EXPENDITURE		2932.00	67664.00
				2.66 CONTINGENCY FOR TAPAN AGRIL. COLLEGE		1181235.00	0.00
						1196731.00	0.00
Total		279461265.50	353409284.00			189325300.22	474723.00

AUTHENTICATED

R. Suman
14/3/16
Dean
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya,
Pundihari, Cooch Behar-736163 (W.B.)

ATTESTED

W. Das
14.2.16
Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundihari, Cooch Behar

SOURCE	Sch		APPLICATION	Sch	
	2013-14	2014-15		2013-14	2014-15
Brought Forward	279461265.50	328399204.00	Brought Forward	189325300.22	263587907.00
			DNS & Project etc. Expenditure	65434793.00	51736585.45
			4 01 PAY & ALLOWN.	13930649.00	7866900.00
			4 02 T. A. EXPENSES	1771588.00	1608221.00
			4 03 OPR. EXPENSES	6492950.00	7237669.00
			4 04 SCHOLARSHIP	2146344.00	2867738.00
			4 05 STUDY TOUR	987283.00	640160.00
			4 06 TRAINING PROG.	1004513.00	1568665.00
			4 07 STUDENT WELFARE	1059353.00	1170321.00
			4 08 INSTTU. CHARGE	1644209.00	111374.00
			4 09 WORKSHOP, SEMINAR	155453.00	230475.00
			4 10 CONTINGENCY	5126920.00	6661030.45
			4 11 HONORARIUM/ WAGES	6328950.00	7167181.00
			4 12 E P F	0.00	0.00
			4 13 TELEPHONE INTERNET, FAX ETC	754639.00	100628.00
			4 14 MAIN. OF EQUIPMENT	7489910.00	2691870.00
			4 15 ADV. & PUBLIC	157644.00	75899.00
			4 16 HIRE CHARGE OF VEH.	273285.00	109953.00
			4 17 AUDIT FEES	35137.00	33718.00
			4 18 JOURNAL/NEWS PAPER/PERIODICALS ETC.	0.00	227828.00
			4 19 A.ELECT. MAINT.	2561917.00	1360377.00
			4 19 REP. MAIN. OF CIVIL CONST.	7283540.00	6343731.00
			4 21 EXAM. EXP.	436400.00	201135.00
			4 22 PRIOR PERIOD EXPENSES	3270392.00	2361437.00
			4 23 NEWS PAPER/ JOURNAL/PERIODICALS	2563717.00	0.00
			CAPITAL EXPENDITURE during the year	22518573.00	30532106.00
Expenditure over Receipt	0.00	17549417.45	Receipt over expenditure	2182599.28	0.00
Total	279461265.50	34688701.45	Total	279461265.50	34688701.45

AUTHENTICATED

RB
14/11/16

Dean
Faculty of Technology
Uttar Banga Krishi Viswavidyalaya
Dumshikari, Cooch Behar-756165 (N. B.)

Comp. Officer (Soft)
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

J. S. Ghosh
26/12/16

ATTESTED

W. D. Das
14.2.16

Assistant Professor
Faculty of Technology,
Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar

Arundh
Kesth

Uttar Banga Krishi Viswavidyalaya
16/11/16

UTTAR BANGA KRISHI VISWAVIDYALAYA
PUNDIBARI, COOCH BEHAR

BALANCE SHEET AS ON 31ST MARCH 2015

LIABILITIES	Sch	Amount (in Rs.)		ASSETS	Sch	Amount (in Rs.)	
		AS ON 31.03.2014	AS ON 31.03.2015			AS ON 31.03.2014	AS ON 31.03.2015
Capital Account	04	328207388.00	328207388.00	Fixed Assets	04	328207388.00	328207388.00
CAPITAL FUND FOR FIXED ASSETS				6.01 PLANT & MACHINERY AC			
Current Liabilities	05	20601092.00	261012158.66	6.02 VEHICLES AC		5535976.00	5535976.00
5.20 GRANTS & KAR DEVP FUND		60359408.00		6.03 FURNITURE & FUTURE AC		2133821.00	3696821.00
5.20 OWN GENERATION		11135348.84		6.04 EQUIPMENT AC		12460347.00	15546976.00
5.20 PROJECTS ETC. GRANT		68716309.82		6.05 BUILDING AC		143150205.00	154952414.00
Supplies A/c.	32		2252748.00	6.07 LIBRARY BOOKS AC		139757522.00	148678819.00
5.02 SALARY CONTROL A/C	06	399933.00	399933.00	6.17 SOFTWARE PACKAGE AC.		3748197.00	25009684.00
5.02 SALARY CONTROL A/C	07	399933.00	399933.00	6.27 LIVE STOCK		461800.00	461800.00
5.03 WAGES / HONORIAM CONTROL A/C	08	747484.00	747484.00	Current Assets	21	64851386.04	141065288.6
5.04 T.A. CONTROL A/C		747484.00	747484.00	Cheque-in-hand		296830.00	0.00
5.04 T.A. CONTROL A/C		242574.00	242574.00	Bank Accounts		64554556.04	141065288.6
5.05 SALARY DEDUCTION CONTROL A/C	09	1890.00	90089.00	5.20 KVK Personal A/c	22	301854.00	301854.00
5.05 EMPLOYEES BANK LOAN DEDUCTION		6400.00		6.10 FIXED DEPOSIT A/C (AWARD FUND)	23	71479861.00	60107363.00
5.05 EMPLOYEES INCOME TAX DEDUCTION		11773.00		6.12 DEPOSIT WORKS ACCOUNT	23 A	0.00	100000.00
5.05 GROUP INSURANCE DEDUCTION		5506.00		6.13 SUPPLIERS ADVANCE ACCOUNT	24	45155725.00	3469773.00
5.05 LIC SERVICE SAVING DEDUCTION		9724.00		6.15 EMPLOYEES PERSONAL A/C	25	2652427.00	1456472.00
5.05 P.TAX DEDUCTION FROM EMPLOYEES		0.00		6.18 REBUTTANCE ACCOUNT	17	0.00	0.00
5.05 EMPLOYEES COOP. DEDUCTION		0.00		6.11 ADVANCE TO EMPLOYEES AC	26	28253722.82	29300931.82
5.06 EMPLOYEES V.M.F. DEDUCTION		54796.00		6.21A FESTIVAL ADVANCE AC	27	2662813.00	2467457.00
5.07 P.F. CONTROL A/C	10	114763.00	114763.00	6.21B ADV. AC DSV (CENTRAL STUDENTS UNION)	28	1008814.00	5900.00
5.07A E P MUSTER ROLL WORKER CONTROL A/C	10	175638.00	175638.00	6.22 SECURITY DEPOSIT WITH OTHERS A/C	30	10000.00	10000.00
5.08 SECURITY DEPOSIT OF CONTRACTOR	11	3898993.20	3898993.20	6.25 FUND RECEIVABLE FROM AUTHORITY	31	81117799.00	28409796.00
5.09 EARNEST MONEY - CONTRACTORS	12	412549.00	412549.00	4.28 PRE-PAID		165900.00	45900.00
5.10 S.D. - STUDENTS	13	95000.00	95000.00				
5.10 B S.D. - EMPLOYEES	13 B	8.00	8.00				
5.10A MESS ADVANCE OF STUDENTS	13A	12000.00	12000.00				
5.12 CONTRACTORS PERSONAL A/C	14	13423098.00	13423098.00				
5.13 SUPPLIERS PERSONAL A/C	15	5737023.00	5737023.00				
5.14 STUDENTS PERSONAL A/C	15	272143.00	272143.00				
5.15 EMPLOYEES PERSONAL A/C	16	799218.00	799218.00				
5.18 REBUTTANCE A/C	P	8.00	8.00				
5.19 GESS A/C OF CONTRACTORS	18	13690.00	13690.00				
5.19 CONTRACTORS SALES TAX	18	41667.00	41667.00				
5.19 L.T.A. - CONTRACTORS A/C	18	17655.00	17655.00				
5.21 OTHER PERSONAL A/C	19	334728.00	334728.00				
5.22 PROVISION AGAINST ADVANCE ACCOUNT	19	7652082.00	7652082.00				
5.23 DONATION RECEIVED FOR AWARDED FUND	20	0.00	0.00				
Total		622911789.86	622911789.86	Total		622911789.86	622911789.86

ATTESTED
 26/9/16
 Assistant Professor

Assistant Professor
 Faculty of Technology,
 Uttar Banga Krishi Viswavidyalaya
 Pundibari, Cooch Behar

Controller-in-Charge
 Uttar Banga Krishi Viswavidyalaya
 Pundibari, Cooch Behar

Vice-Chancellor
 Uttar Banga Krishi Viswavidyalaya
 Pundibari, Cooch Behar

Dean
 Faculty of Technology,
 Uttar Banga Krishi Viswavidyalaya
 Pundibari, Cooch Behar-756165 (W.B.)

AUTHENTICATED

Notes on Accounts
 1. Since, the value of "Fixed Assets" inherited from the parent University BCKV on the date of creation of new University UBKV is not available, therefore the present Balance Sheet does not include the value of such assets vis-a-vis capital funds against such assets.
 2. Value of Assets represents only those assets which are created since 01st April 2006 in Pundibari Campus. This does not include assets of other centres of the University including RVK.
 3. This Balance Sheet is not the consolidated "State of Affairs" of the whole University, and is based on transactions made at University establishment in Pundibari due to the fact, that since inception, there is no system of consolidation of accounts so far. Funds with the outstation centers are controlled through Remittance Accounts at the main campus.
 4. Depreciation on Fixed Assets has not been considered so far.
 5. "Books of Accounts" have been maintained on the "Accrual Basis".

20. Best Practices adopted, if any NA