

University Grants Commission of Bangladesh
Higher Education Quality Enhancement Project
Academic Innovation Fund
Six Monthly Sub-project Monitoring Format (Updated)

Reporting period: July to December, 2014

01. Name and Details of the Sub-Project

Name of the sub-project	To Develop a New Biochemical Research Laboratory for Improving Research Activity in the Department.
Sub-Project Number (CP Number):	2401
Name of the Sub-project Manager with position in the entity	Md. Tanvir Hossain Assistant Professor
Implementing Unit [Department/ Faculty/Center/Institute/University]	Department of Applied Chemistry and Chemical Engineering
Name of University	Noakhali Science and Technology University
Collaboration with other institutions/ agencies:	Please Mention the Name of Partner University or institutions:
Inception Date: April 2012	Completion Date: Original: March 2015 Revised (if):

02. Name and Details of Internal/provisional staff/consultants included/hired in the Subproject Management Unit

Nº of Internal Staff*	Nº of Students (if any)	Nº of Consultants* **	Full Time (how many out of total staff)		Part time (how many out of total staff)	Nº of Provisional Staff**
2						5
Name of Internal Staff	Designation (In the Entity)	Hiring Date (In the sub-project)	Type of Contract (Lump sum=1; Daily Basis= 2; Monthly=3; Others		Duration (Months)	Expected Total Cost (Lakh taka)
Md. Tanvir Hossain	SPM & Assistant Professor		Others (5BS/Y)		36	2.88
Fataha Nur Robel	ASPM & Assistant Professor		Others (1BS/Y)		36	0.57
Name of Provisional Staff	Designation	Hiring Date	Type of Contract	Duration (Months)	Expected Cost (Lakh Taka)	
Shakhawat Hossain	Accountant	12/7/2012	3	33	0.66	
Md. Mainuddin	Computer Operator	12/7/2012	3	33	0.66	
Firoz Ahmed Patwary	Office Manager	4/12/2012	3	28	0.56	
Bejoy Kumar Poddar	Lab Assistant	1/4/2013	3	24	0.336	
Md. Yusuf Ali	MLSS	1/4/2013	3	24	0.288	

- *Academics engaged in sub-project management and included in SPMT
- ** Support staff recruited temporarily to provide secretarial service to sub-project management e.g., accountant, office secretary, data-entry operator, MLSS etc.
- *** Experts appointed following relevant provisions of PPR 2008 or WB Guidelines

03. Summary of the Activities of the sub-project[According to the proposal]

Provisional staffs appointment
 Web site development
 Refurbishing work for lab and spm office
 Procurement of furniture
 Procurement of lab equipments
 Procurement of computer and IT equipments
 Procurements of air cooler
 Procurement of chemicals and reagents
 Procurement of books and Journal
 Progress evaluation/report preparation

04. Description of the Progress so far and in the past six-months according to Work/Activity plan

Progress during the past six months: Around 90% of the research works were completed. 8(Eight) B.Sc. projects were presented. 2(Two) MS thesis works were completed for presentation.

Overall progress so far: Around 90% of the research works were completed. 1 (One) MS thesis and 8(Eight) B.Sc. projects were presented. 2(Two) MS thesis works were completed for presentation.

05. Activities planned in coming six-months period according to Work/Activity plan

Research data collection
 Preparations of paper for publications.

06. Description of implementation issues/impediments/Challenges [Issues that may hamper implementation] and proposed remedial actions

Always I have got prompt support from university and department. HEQEP officials are very much co-operative. I need time up to March 2015 to finish the sub-project successfully.

Update on Milestone status

Milestone	Expectation (%) till date (31.12.2014)	Progress till (%) date (31.12.2014)	Revised Expected Date	Comment/Justification
1. Machinery erection	100%	100%		
2. New concept/ product development.	100%	40%		
3. Workshop/Seminar	50%	0%		

Note: Copy Milestones from respective SPM's Table 1 of Final CP.

07. Update on Performance Indicators to Evaluate Sub-project Impact

Indicators	Calculation method	Verification methods	Calculation of Base Value	Baseline Value in Year 2010	Desired Standard (%) on (31/12/14)	Present Value (%) as on (31/12/14)
New biochemical product	Counting	Recognition from other organizations (Journal publications) Test reports.	0	0	0%	0%
No. of publications	Counting	Acceptance letter, Journal publication books	0	0	100%	0% (1 MS and 8 BSc)

Note: Copy 1st 6 Columns from respective SPM's Table 2 of Final CP.

08. Fund utilization

Description	Amount
Total Budget of the Sub-Project (Tk. In million)	14.7
Total Revised Budget of the Sub-Project (Tk. In million)	-
Fund Received up to June 30, 2014 (Tk. In million).	11.780081
Fund Utilized (Tk. In million)	8.286622
Percentage (%) of received fund against total budget of the sub-project	80.14%
Percentage (%) of utilized fund against total budget of the sub-project	56.37%

09. Acquisition of Equipment/ Materials

Sl. No.	Equipment/ Materials	Quantity/Unit
1)	Multimedia projector	1
2)	Laptop	2
3)	Desktop	3
4)	Printer	3
5)	Scanner	-
6)	Photocopier	1
7)	Fax/telephone	-

8)	White board	-
9)	Electronic/Smart/Digital Board	-
10)	Multimedia Screen	1
11)	Books	-
12)	Journals	-
13)	Number of Air Coolers	1
14)	Number of Furniture & fixture	Steel Almeria-1 Book Shelf-2 Steel File Cabinet-2 Computer Table-1 Drawer Unit-2
15)	Other items: ()	-

10. Acquisition of Scientific Equipment/ Chemicals/Reagent etc.

Sl. No.	Name of Equipment	Quantity
1)	FTIR-Spectroscopy	1
2)	High speed centrifuge	1
3)	Analytical balance 4 digit	2
4)	SDS-PAGE Electrophoresis	1
5)	Rota evaporator	1
6)	Thin layer chromatography	1
7)	Chromatographic column	2
8)	Freezer dryer with Vacuum pump	1
9)	Negative upright -86° Freezer	1
10)	Silica Gel 254 gd for TLC	2.5 kg
11)	Silica Gel 366 gd for column gd	3.5 kg
12)	Sephadex G25	200 gm
13)	DPPH	1 gm
14)	BHT (tert-butyl-1-hydroxtoluene)	2 kg
15)	L-Ascorbic Acid	500 gm
16)	Ethanol	25 lit
17)	Methanol	45 lit
18)	Dichloromethane	10 lit
19)	Carbon tetra chloride	5 lit
20)	n-Hexan	20 lit
21)	Petroleum ether (60-80)	12.5 lit
22)	Chloroform	10 lit
23)	Ethyl acetate	10 lit
24)	Soxhlet Extraction Apparatus	02
25)	Beaker	72

11. Capacity Building and Experience Sharing Programs (Workshop/ Seminar /Training/Conferences)Organized by the sub-project for Faculties, Students or External stakeholders

Event	Title	Target Groups	Number of Participants	National/International
Training:	N/A			
Workshop:				
Conference:				
Seminar:				
Collaborative Research				
Study tour				
Others (if any)				

**** target groups may be faculty member, students, university staff, field workers, practitioners, etc.**

12. Activities for undertaking Curriculum development (if any)

Event	Title	Number of Participants	National/International
Workshop	N/A		
Seminar			
Training			
Pair Review			
Study tour			
Others (if any)			

13. External Training/ Workshop Attended by SPM Team

Name of Training/ Workshop	Participants Name	In-country/ Overseas
N/A		

14. Post graduate enrolment in the Department under the sub-project

Sl. No.	Name of Degrees	Current Registered Number
1)	MS enrolment	N/A
2)	M.Phil. enrolment	N/A
3)	Ph.D. enrolment	N/A
4)	Others (if any)	N/A

15. Result (Output) Achieved of the Sub-project

	Categories of Result (Output)	Number(& Name)
1)	Refurbished/ Renovated class room	-

2)	Virtual Class room	-
3)	Language lab/Club	-
4)	Refurbished/ Renovated Seminar Room	-
5)	Refurbished/ Renovated Conference Hall	-
6)	Refurbished/ Renovated Laboratory	2 (Instrumental Lab & Research Lab)
7)	Refurbished/ Renovated Field Laboratory	-
8)	Established/ Renovated Computer Lab	-
9)	Curricula/Syllabus Updated	-
10)	Office automation	-
11)	Digital Library	-
12)	Campus Network/ ICT Network	-
13)	Academic Assessment (Self-Assessment) of department/institute/faculty	-
14)	Digital Archive of Research Program	-
15)	Other Achievements (If any)	2 (Collapsible gates)

16. Research outcome (Journal, Publication, Articles etc.) related to the sub-project since its inception. Please also provide the full list of journals published in the past six months.

Name of Research outcome (Journal, Publication, Articles etc.)	Number
Journal publication (domestic journal)	-
Journal publication (international journal)	-
Conference proceedings	-
Master's thesis accepted	1
PhD dissertations accepted	-
BSc project accepted	8

Details of journal publications

Full reference (author, title, journal, date of publication)	Academic field

17. Name and URL of Developed Website:

Name:

URL: http://

18. Other Noteworthy Achievements :

19. Number of Direct Beneficiaries of the sub-project

	Number	Remarks
Students (Undergraduate)	8	
Students & Researchers (Post-graduate, Post-doctoral)	1	Post-graduate
Faculty members	5	
Other University staff		
Other stakeholders :()		

* Please count only the benefits that have already been realized (not the expected beneficiaries)

**Please do not double-count the beneficiaries. For example, if 1 person attended 2 workshops, beneficiary is still 1 person.

20. Comments

There is no VC in our university last 3 months. I cannot spend money due to our VC.

21. Declaration

Signature: 

Name of Sub Project Manager: Md. Tanvir Hossain

Name of the Sub-Project: To Develop a New Biochemical Research Laboratory for Improving Research Activity in the Department.

Name of Entity/University: Noakhali Science and Technology University

Date: 8/1/2015