

Add-on Course on Basics of Automobiles  
JAWAHARLAL NEHRU COLLEGE  
BOKO, KAMRUP, ASSAM PIN: 781123

DEPARTMENT OF PHYSICS

Report



JAWAHARLAL NEHRU COLLEGE

জৱাহৰলাল নেহৰু মহাবিদ্যালয় Boko, Kamrup, Assam

Affiliated to Gauhati University

DEPARTMENT OF PHYSICS

Add-On Course

- i. Name of the Course: – Certificate course on Basics of Automobiles
- ii. Nodal Department: - DEPARTMENT OF PHYSICS
- iii. Course Coordinator: - Dr. Ranjit Baishya, Associate Prof.
- iv. President: - Manoj Kr. Das, HoD, Deptt. of Physics
- v. Advisor: - Dr. Tapan Dutta, Principal, J. N. College, Boko
- vi. Collaboration with THE AUTO GEEK SQUAD
- vii. Chief Instructor: - Mr. Jacinth Marak, THE AUTO GEEK SQUAD
- viii. Duration – 30 Hours (3 Months)
- ix. Course Fee – (1200/- + 1200/-)  
Admission Fee – Rs. 1200/-  
Tuition Fee – Rs. 400/- per month, Total –Rs. 1200/-
- x. Purpose of the Course: To train students on the basic skill of automobiles.
- xi. Goal: After completion of the course students should be able to acquire all basic knowledge, specification and terminology of automobiles.
- xii. Course Content -
  1. Category of Vehicles
  2. Basic Science and Mathematics in Automobiles
  3. Tools and Equipments for Automobiles
  4. Engine System in Automobiles
  5. Electrical System in Automobiles
  6. Clasis System in Automobiles
  7. Transmission System in Automobiles
  8. Sensors in vehicles
  9. Vehicle maintenance.

18/07

18/07

- Permission:

## DEPARTMENT OF PHYSICS

J.N. College, Boko  
Kamrup, Assam  
Pin- 781123



Ref. No. ....

Date: 28/01/2023

To

The Principal

J N College, Boko

Dated - The Boko, 28th January/2023

Sub - Request to allow to open an Add on Course on Basics of Automobiles.

Sir

With due respect I do hereby inform you that our department has decided to open an Add on Course on Basics of Automobiles in collaboration with Auto Geek Squad, Boko from March/2023. In this regards on behalf of department I request to allow the said course in our department. This is for your kind information and necessary action.

Approved  
28/01/2023

(M K Das)

H90  
Associate Professor  
Dept of Physics  
J.N. College, Boko

MK



- Student Participants:

**List of Students**  
**Basics of Automobiles**

Sl No	Name of Students admitted	Status
01	Sonia Mahanta	Completed
02	Sangita Rabha	Completed
03	Nijum Boro	Completed
04	Banjita Rabha	Not completed
05	Purandar Rabha	Completed
06	Ashim Das	Completed
07	Juman Das	Completed
08	Kaushik Basumatary	Not completed
09	Mrinal Karmakar	Not completed
10	Sikhar Khaklary	Completed
11	Himangshu Boro	Completed
12	Jogesh Rabha	Not completed
13	Nipunjay Boro	Completed
14	Nityananda Roy	Not completed
15	Pallab Das	Not completed
16	Suman Rabha	Completed

MKS  
01/11/23

**Department of Physics**

**Year - 2022/23**

Name of Add on course offered	Course Code	Year of offering	Number of times offered during the year	Duration of course	Number of students enrolled in the year	Number of students completing course in the year
Certificate Course on Basic of Automobiles	-	2022/23	01	3 months	16	10

MKS  
01/11/23  
(M K Das)

HOD, Physics Department

MKS

Add-on Course

BASICS OF AUTOMOBILES

S.N	NAME	Address	Amount	Sign/Dates
1	Sonia Mahanta	4 <sup>th</sup> sem physics Ph no - 6003184617	500 + 1900 (11.1.23)	Sonia Mahanta 20/03/23
2	Sanghita Rabha	4 <sup>th</sup> sem physics	500	Sanghita Rabha 28-03-23
3	Nijum Boro.	4 <sup>th</sup> sem physics 6002789250	500	Nijum Boro 28/03/23
4	Banyita Rabha	4 <sup>th</sup> sem physics		
5	Purandari Rabha	2 <sup>nd</sup> sem maths Ph no. 7896852786	500	Purandari Rabha 28/3/23
6	Akhim Das	2 <sup>nd</sup> sem physics 9707299605	500	Akhim Das 28/3/23
7	Juman Das	2 <sup>nd</sup> sem physics 9707502175	500	Juman Das 28/3/23
8	Koushik Barumalang	6 <sup>th</sup> sem Physics 9707962710		
9	Mrsnal Karmakara	6 <sup>th</sup> sem Physics 8822168972		
10	Sekhar Khakhtang	6 <sup>th</sup> sem Physics 9865570752	1200	Sekhar Khakhtang 28/08/23
11	Himangshu Boro	6 <sup>th</sup> sem Physics 6000632971	500	Himangshu Boro 27/3/23
12	Togesh Rabha	2 <sup>nd</sup> sem Physics 9864265706		
13	Nipunjay Boro	4 <sup>th</sup> sem physics 6003642729	500	Nipunjay Boro 3/4/2023
14	Nitzananda Roy	6 <sup>th</sup> semester (Physics) 6000210347		
15	Pallab Das	03921221051 2 <sup>nd</sup> sem (Phy)		
16	Suman Rabha	6 <sup>th</sup> sem (Phy) 6000581916	500	Suman Rabha 28/3/23

M/S

- Sample Copy of Certificate:

Add-On Course on Basics of Automobiles  
**JAWAHARLAL NEHRU COLLEGE**  
 BOKO, KAMRUP, ASSAM PIN: 781123



**DEPARTMENT OF PHYSICS**

**Certificate of Participation**

This is to certify that Ms. Sonia Mahanta of J. N. College, Boko has participated in the Three Month Add-On Course on Basics of Automobiles conducted by Department of Physics, Jawaharlal Nehru College, Boko in Collaboration with THE AUTO GEEK SQUAD, BOKO from March to May 2023. We wish his/her success in life.

(Dr. Tapan Dutta)  
Principal  
J. N. College, Boko

(Dr. Ranjit Baishya)  
Coordinator, Add on Course  
Basics of Automobiles

(Mr. Manoj Kr. Das)  
Head of the Department  
Department of Physics

- MoU with Collaborator:



अनन्य अराम ASSAM

34AA 736266

**MEMORANDUM OF AGREEMENT**

This Memorandum of Agreement is made on this March, 18<sup>th</sup> day of Two Thousand and Twenty Three by and between Principal, J.N. College, Boko through Manoj Kr. Das, HOD, Department of Physics of the college, a govt. Provincialised college at Boko, hereinafter referred to as the "JNC Phy" of the ONE PART

AND

The Auto Geek Squad, Boko, through Mr. Jasinth R Marak, proprietor of The Auto Geek Squad, a private organization office at Boko, hereinafter referred to as AUTO GEEK of the OTHER PARTS.

WHEREAS "JNC Phy" and "AUTO GEEK" decided to collaborate work for the attainment of ADD - ON Course on BASICS OF AUTOMOBILE as their level best. This Memorandum of Agreement (MOA) defines the role and responsibilities of the participating institutes, monitoring and other matters related to the Add - On Course on BASICS OF AUTOMOBILES.

Sankar P. Das

MAJ





NOW THE PARTIES HERETO AGREE AS FOLLOWS:

**1.0. ROLES OF PHYSICS DEPARTMENT, J. N. COLLEGE, BOKU (INSTITUTE)**

- 1.1 To provide existing facilities for learning and training purpose to collaborating institute.
- 1.2 To provide for accomplishing objectives identified and activities to be carried out.
- 1.3 To allow the faculties & research scholars authorized by institutes to work with the training & teaching institutes in all stages of process development.
- 1.4 To provide 40% of admission fee and 100% of tuition fee for the faculties researchers for training and learning purpose to collaborating institute.
- 1.5 To prepare and submit all related reports and other documents that would be required by institute.

**2.0 ROLE OF AUTO GEEK, BOKU**

- 2.1 To provide existing facilities for learning and training purpose to collaborating institute.
- 2.2 To provide for accomplishing objectives identified and activities to be carried out.
- 2.3 To allow the faculties & research scholars authorized by institutes to work with the training & teaching institutes in all stages of process development.
- 2.4 To provide workshop and laboratory facility to the trainee for the training and learning process.
- 2.5 To prepare and submit all related reports and other documents that would be required by institute.

**3.0 DURATION OF MOU**

- 3.1 Duration of collaboration shall be duration of anyone institute to continuing from the date of signed by both parties otherwise break. This MOU will remain enforce until all claims are settled between two institutes.

**4.0 RIGHT OF OWNERSHIP/TECHNOLOGY AND UTILIZATION**

- 4.1 The know how generated from all collaboration will be the joint property of both institute. It shall be responsibility of institutes to take necessary action for protection of the intellectual property arising out of collaboration through proper instruments.
- 4.2 The know how development may be transferred to other entrepreneurs on a non exclusive basis on such terms and conditions as may be determined by both institutes.

*Handwritten signature/initials*

*Handwritten signature: Sanku A. Many*

- 4.3 It shall be responsibility of the concerned department to ensure that support of the institutes is suitably acknowledged in the publications arising out of the collaboration.

**5.0 SECRECY**

- It is hereby agreed that the participating departments shall keep information and data collected completely secret provided that the right to transfer the technology shall rest with the institutes.

**6.0 MONITORING**

- The process of collaboration of the concern departments may be reviewed by the institutes and monitored as when necessary.

**7.0 ARBITRATION**

- In the event of any question, dispute and or difference whatsoever arising between the institutes to this agreement out of or relating to the operation or effect of this agreement or the validity of the breach thereof shall be referred to an Arbitrator to be appointed by mutual consent of both the parties herein. If the parties cannot agree on the appointment of the Arbitrator within a period of one month from the notification by one party to the other of such dispute then the Arbitrator may be proceed for the provision of the Arbitration and Conciliation Act 1996 which will be applicable and the award made there under shall be final and binding upon the parties hereto subject to legal remedies available under the law. Such difference shall be deemed to be a submission to arbitration under the 'Indian Arbitration and Conciliation ACT 1996' or of any modification or reenactments thereof.

- In witness where of the parties hereto have signed sealed and delivered this agreement on the day month and year first above written in presence of.

**Witnesses**

1. *Handwritten signature: Mang X. Aye*
2. *Handwritten signature: Ranyel P. Amila*

**Witnesses**

1. *Handwritten signature: M. B. B. B. B.*
2. *Handwritten signature: P. K. K. K. K.*

Signed by *Handwritten signature*  
(Principal)  
Principal  
Jawahar Lal Nehru College  
BOKU

For and on behalf of authority of J N COLLEGE, BOKU

Signed by *Handwritten signature: Sanku A. Many*  
(Proprietor)

For and on behalf of authority of AUTO GEEK SQUAD

*Handwritten signature/initials*