International Institute of Information Technology:
Post Graduation/M.S - Machine Learning &
Artificial Intelligence
2023-Pursuing

INTERNATIONAL INSTITUTE OF INFORMATION
TECHNOLOGY BANGALORE (IIIT Bangalore)
(Deemed University)
&
UPGRAD

08-Nov-2023

Dear Shivam Bahuguna,

Congratulations! We are delighted to inform that you have been admitted to the **Executive PG Programme in Machine Learning and AI** (hereinafter referred to as "**Program**") by IIIT Bangalore, facilitated by upGrad Education Private Limited (hereinafter referred to as "**upGrad**"). Your applicant ID is APFE23702998.
The Admissions Committee has based its decision on a rigorous selection criterion, including prior educational qualifications, work profile, and the online test performance.

Congratulations once again for being among the selective pool of students.

The Program begins on **Nov 30, 2023**. However, we will be commencing with the preparatory sessions immediately as soon as you deposit the caution amount.

Program Details
Program Duration: 13 Months
Eligibility: Bachelor's degree with 50%

Duration of the Program depends on various factors, and it may stand changed under certain circumstances. Students will be kept informed about the same well in advance.

This offer of admission to the Program is provisional and is subject to your meeting all the eligibility criteria. The submission of self-attested documents, which are to be submitted within 07 days of the Cohort Commencement Date of the Program and subsequent verification by IIIT Bangalore is a prerequisite for the valid admission.

The breakup for the Total Program fee is mentioned below, more particularly in the 'Table-A'. We will be commencing with the preparatory sessions immediately as soon as you make an initial payment to reserve your seat in the Program ("Caution Amount"), as per the timelines mentioned in this offer letter. To confirm your acceptance of the offer, please complete the admission formalities as per the following timelines:
- Caution Amount (refer to Table A) to be paid within a day of receiving this Offer Letter.
- You will have to complete the balance payment within seven (7) days of payment of caution amount or by the cohort start date (whichever is earlier). You can pay the balance payment using one of the following options:
  - You can use Netbanking, Credit card or Debit card to complete the balance payment.
  - You can apply for an EMI loan. You need to submit the loan application form and ensure that all loan related formalities are completed within seven (7) days from the date of the caution amount payment or by the cohort start date (whichever is earlier). Please note that Upgrad may, at its sole discretion help you secure financing with a with financing partner, however, should you choose to avail such financing services, the terms and conditions including user agreements of the chosen payment service provider or the credit facility provider will also be directly applicable to you and those agreements or terms shall remain outside upGrad's purview. Any credit facility services incurred by you and charged directly by the financing partner including any bank charges, transaction charges or any other charges not receivable directly by Upgrad, shall not be refundable under any circumstances.

Liverpool John Moores University
M.SC : Artificial Intelligence and
Machine Learning

04-May-2024,

Dear Shivam Bahuguna,

Congratulations! We are delighted to inform that you are provisionally* offered an admission in the **M.Sc. in Machine Learning & AI** by Liverpool John Moores University ("LJMU") in association with upGrad Education Private Limited ("upGrad").

Your applicant ID is MSMLART00138.

The admissions committee has based its decision on your performance in the Executive PG Programme in Machine Learning & AI with IIIT Bangalore. We are excited that you chose to continue up-skilling yourself. We wish you another productive and fruitful term with us.

The Program begins from Jul 3, 2025 ("Cohort Commencement Date").

The cohort start date and/or the duration of the Program depends on various factors, and it may stand changed under certain circumstances. Learner will be kept informed about the same well in advance.

To confirm your acceptance of the offer, please complete the admission formalities as per the following timelines:

- Caution Amount (refer to Table A) to be paid within a day of receiving this Offer Letter

- You will have to complete the balance payment within seven (7) days of payment of Caution Amount or by the Cohort Commencement Date (whichever is earlier). You can pay the Balance Fee using one of the following options:

  o You can use Netbanking, Credit card or Debit card to complete the balance payment.

  o You can apply for an EMI loan. You need to submit the loan application form and ensure that all loan related formalities are completed within seven (7) days from the date of the Caution Amount payment or by the Cohort Commencement Date (whichever is earlier). Please note that the loan is provided by a third-party credit facility provider and upGrad has no role to play in the same.

Table 'A':

Particulars	Amount
Caution Amount	INR 15000
Balance Fee	INR 235000
Total Program Fee	INR 250000

To complete your payment formalities please click on the link here: https://www.upgrad.com/payments-v3/984f3a0d-b332-496d-9820-b020b195fc32

University of Petroleum
and Energy Studies:
B.Tech - Petroleum
Engineering
2017-2021

University Of Petroleum & Energy Studies

The Board of Governors of the University

On the Recommendation of the Academic Council

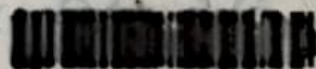And by Virtue of the Authority Vested in Them

Have Conferred upon

SHIVAM BAHUGUNA

The Degree of Bachelor of Technology
(Applied Petroleum Engineering)

In Testimony whereof, the Seal of the University and

the Signature of its Officers are hereunto Affixed

on this 26th Day of November, 2021

REGISTRAR

VICE CHANCELLOR

PLACE : DEHRADUN

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Energy Acres, PO Bidholi,Via Prem Nagar,Dehradun-248007
(Uttarakhand)

Date 23.08.2021 **GRADE CARD**

Enrollment No:500060210	Name:SHIVAM BAHUGUNA
Program:B.TECH(APPLIED PETROLEUM ENGG)+GASSTREAM	Academic Session:2017-2021

SEMESTER:1

Course Code	Course Name	Credits	Grade	Result
CHEM1001	Chemistry	4	B+	
CHEM1101	Chemistry Lab	1	A	
HBOC1001	Design Thinking	4	O	
HSFS1001	Environmental Studies	3	B+	
MATH1001	Mathematics I	4	B+	
MECH1002	Engineering Mechanics	3	B	
MEPD1001	Workshop Technology	2	B+	
MEPD1101	Engineering Workshop Lab	1	B+	
PHYS1001	Physics I	4	A	
PHYS1101	Physics Lab I	1	B+	

TotalCredits: 27

Semester Result : SGPA Qualifying Criteria Met SGPA 7.52/10

SEMESTER:2

Course Code	Course Name	Credits	Grade	Result
COMM1001	English Communication	4	B	
CSEG1001	Computer Programming	3	B+	
CSEG1101	Computer Programming Lab	1	B	
ECEG1001	Basic Electrical & Electronics	3	B+	
ECEG1101	Electrical & Electronics Lab	1	B+	
MATH1004	Mathematics II	4	A	
MECH1001	Engineering Graphics	2	A	
PHYS1004	Physics II	4	B+	
PHYS1104	Physics II Lab	1	B+	

TotalCredits: 23

Semester Result : SGPA Qualifying Criteria Met SGPA 7.04/10

Candidate in consultation with the Dean/Program Co-ordinator SOE - DDN
needs to reappear in one or more low scoring courses to meet SGPA criteria.
This grade supercedes all grade cards issued previously.
**Appeared in Supplementary/Improvement
RPM/RPF/Repeat:Repeat Term-end Examination
SGPA:Semester Grade Point Average
CGPA:Cumulative Grade Point Average
NC:Not Calculated

UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Energy Acres, PO Bidholi,Via Prem Nagar,Dehradun-248007
(Uttarakhand)

Date 23.08.2021

GRADE CARD

Enrollment No:500060210	Name:SHIVAM BAHUGUNA
Program:B.TECH(APPLIED PETROLEUM ENGG)+GASSTREAM	Academic Session:2017-2021

SEMESTER:3

Course Code	Course Name	Credits	Grade	Result
CHCE2002	Chemical Engineering Thermodynamics I	4	C+	
CHCE2005	Chemical Process Calculations**	4	C	
CHCE3108	Petroleum Product Testing Lab	1	B+	
MATH2003	Mathematics III	4	B	
MECH2007	Fluid Mechanics	4	A	
MECH2107	Fluid Mechanics Lab	1	B+	
PEGS2001	Introductory Geology	3	B+	

TotalCredits: 21

Semester Result :   SGPA Qualifying Criteria Met   SGPA 6.05/10

SEMESTER:4

Course Code	Course Name	Credits	Grade	Result
CHCE2008	Chemical Engineering Thermodynamics II	4	B	
CHCE2009	Heat Transfer**	4	A	
CHCE2011	Mass Transfer Operations	4	B	
CHCE2111	Mass Transfer Lab	1	B+	
LNPS0108	Technology and Operations Management	3	A	
LNPS0111	Creativity, Innovation and Foresight	3	B	
LNPS1013	Venture Ideation	2	B	
PEAU2004	Drilling Engineering & Well Completion	4	B	

TotalCredits: 25

Semester Result :   SGPA Qualifying Criteria Met   SGPA 6.60/10

Candidate in consultation with the Dean/Program Co-ordinator SOE - DDN
needs to reappear in one or more low scoring courses to meet SGPA criteria.
This grade supercedes all grade cards issued previously.
**Appeared in Supplementary/Improvement
RPM/RPF/Repeat:Repeat Term-end Examination
SGPA:Semester Grade Point Average
CGPA:Cumulative Grade Point Average
NC:Not Calculated

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Energy Acres, PO Bidholi,Via Prem Nagar,Dehradun-248007
(Uttarakhand)

Date 23.08.2021   **GRADE CARD**

Enrollment No:500060210	Name:SHIVAM BAHUGUNA
Program:B.TECH(APPLIED PETROLEUM ENGG)+GASSTREAM	Academic Session:2017-2021

SEMESTER:5

Course Code	Course Name	Credits	Grade	Result
CHCE2109	Heat Transfer Lab	1	B+	
CHCE3002	Numerical Methods in Chemical Engg.	4	B+	
CHGS3001	City Gas Dist. & Pipeline Network Ana.	3	B	
CHGS3008	Gasification & Gas to Liquid Technology	3	B+	
EPEC3201	Renewable Energy Technology	3	B	
PEAU3008	Production Engineering**	4	B+	
PEAU3009	Reservoir Engineering	4	B+	
PROJ3101	Minor Project I	3	A+	

TotalCredits: 25

Semester Result :   SGPA Qualifying Criteria Met   SGPA 7.00/10

SEMESTER:6

Course Code	Course Name	Credits	Grade	Result
CHCE3007	Process Dynamics, Instrument. & Control	4	A	
CHCE3107	Process Dynamic,Instrument. &Control Lab	1	A	
CHGS3002	Unconventional Gas Resources	3	A	
CHGS3003	Natural Gas Processing	4	B+	
PEAU3015	Well Logging Analysis & Well Testing	3	A	
PEAU4014	Reservoir Engineering II	3	A	
PROJ3102	Minor Project II	3	B+	

TotalCredits: 21

Semester Result :   SGPA Qualifying Criteria Met   SGPA 7.67/10

Candidate in consultation with the Dean/Program Co-ordinator SOE - DDN
needs to reappear in one or more low scoring courses to meet SGPA criteria.
This grade supercedes all grade cards issued previously.
**Appeared in Supplementary/Improvement
RPM/RPF/Repeat:Repeat Term-end Examination
SGPA:Semester Grade Point Average
CGPA:Cumulative Grade Point Average
NC:Not Calculated

UPES
UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Energy Acres, PO Bidholi,Via Prem Nagar,Dehradun-248007
(Uttarakhand)

Date 23.08.2021   **GRADE CARD**

Enrollment No:500060210	Name:SHIVAM BAHUGUNA
Program:B.TECH(APPLIED PETROLEUM ENGG)+GASSTREAM	Academic Session:2017-2021

SEMESTER:7

Course Code	Course Name	Credits	Grade	Result
CHCE4005	Chemical Reaction Engineering	4	B+	
CHGS4001	LNG & Storage of Natural Gas	4	A+	
HSFS3015P	Safety, Health & Environment Management	3	A	
PEAU3101	Drilling Fluid & Cementation Lab	1	A	
PEAU4013P	Production Engineering II	3	B+	
PROJ4101	Major Project I	4	A+	
SIIB4101	Summer Internship	2	A+	
VIVA4101	Comprehensive Viva	1	A	

TotalCredits: 22

Semester Result :   SGPA Qualifying Criteria Met   SGPA 8.14/10

SEMESTER:8

Course Code	Course Name	Credits	Grade	Result
CHGS3007P	Pipeline Transportation of Oil & Gas	3	A+	
CHGS4002	Air Fractionation & Gas Purification	3	A	
CHGS4003	Understanding Of Natural Gas Business	3	B+	
CHGS4004	Oil & Gas Engineering software	1	A+	
PROJ4102	Major Project II	8	A+	

TotalCredits: 18

Semester Result :   SGPA Qualifying Criteria Met   SGPA 8.50/10
Final Result : PASS   CGPA 7.28

Candidate in consultation with the Dean/Program Co-ordinator SOE - DDN
needs to reappear in one or more low scoring courses to meet SGPA criteria.
This grade supercedes all grade cards issued previously.
**Appeared in Supplementary/Improvement
RPM/RPF/Repeat:Repeat Term-end Examination
SGPA:Semester Grade Point Average
CGPA:Cumulative Grade Point Average
NC:Not Calculated

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Energy Acres, PO Bidholi,Via Prem Nagar,Dehradun-248007
(Uttarakhand)

UPES(SRE)/PCERT/0000373649   23.08.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that SHIVAM BAHUGUNA SAPID 0500060210 is/was a bonafide student of B.Tech(Applied Petroleum Engg)+GasStream programme in the Academic Session 2017 - 2021 of the University of Petroleum & Energy Studies. His/Her CGPA as on date is 7.28/10.

The University follows a relative grading system. Though no direct conversion system exists for converting relative Grade Point Average (GPA) to percentage, the University follows a conversion formula that is generally accepted by Universities globally. This formula is given below:

$$X/10 = GPA$$
(Where X denotes Percentage)

As per the conversion formula given above the notional equivalent percentage of relative Grade Point Average (GPA) 7.28/10 is 72.8%.

This certificate is issued on the request of the student.

Note: This certificate supercedes all certificates issued previously.

This is a computer generated statement hence require no signatures.
Any discrepancy may be brought to the notice of the University.

R.P.S : CBSE - 10th & 12th

केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION
अंक विवरणिका MARKS STATEMENT
सीनियर स्कूल सर्टिफिकेट परीक्षा, 2016

1335385

ALL INDIA **SENIOR SCHOOL CERTIFICATE EXAMINATION, 2016**

नाम Name **SHIVAM BAHUGUNA**

अनुक्रमांक Roll No. **5826643**

माता / पिता / संरक्षक का नाम **ARUNA BAHUGUNA**
Mother's/Father's/Guardian's Name **MADHWANAND BAHUGUNA**

विद्यालय School **57024 RAINBOW PUB SCH SRINAGAR GARHWAL PAURI UK**

विषय कोड SUB. CODE	विषय SUBJECT	प्राप्तांक MARKS OBTAINED				स्थितीय ग्रेड POSITIONAL GRADE
		लि. TH.	प्रै. PR.	योग TOTAL	योग शब्दों में TOTAL IN WORDS	
301	ENGLISH CORE	080	XXX	080	EIGHTY	B1
042	PHYSICS	039	030	069	SIXTY NINE	C1
043	CHEMISTRY	023	030	053	FIFTY THREE	D1
041	MATHEMATICS	075	XXX	075	SEVENTY FIVE	B1
048	PHYSICAL EDUCATION	044	030	074	SEVENTY FOUR	B2
500	WORK EXPERIENCE					A1
502	PHY & HEALTH EDUCA					A2
503	GENERAL STUDIES					A2

संक्षिप्तियों का अर्थ : **Abbreviations**

AB : विषय में अनुपस्थित **Absent in the Subject**   परिणाम Result   **PASS**

EX : छूट-प्राप्त **Exempted**

FP : प्रयोगात्मक में असफल **Fail in Practical**

FT : लिखित में असफल **Fail in Theory**

दिल्ली Delhi   **21-05-2016**
दिनांक Dated

परीक्षा नियंत्रक

केन्द्रीय माध्यमिक शिक्षा बोर्ड, दिल्ली
Central Board of Secondary Education, Delhi
माध्यमिक विद्यालय परीक्षा (सत्र : 2012-14)
SECONDARY SCHOOL EXAMINATION (SESSION : 2012 - 14)

क्रम संख्या/ S.No.SSE/2014 : **1413229**

पंजीकरण सं. Registration No. : **R114/57024/0036**

ग्रेड शीट सह निष्पादन प्रमाण पत्र **Grade Sheet cum Certificate of Performance**

यह प्रमाणित किया जाता है कि This is to certify that **SHIVAM BAHUGUNA**

अनुक्रमांक Roll No. : **5330469**

माता/पिता/संरक्षक का नाम Mother's/Father's/Guardian's Name : **ARUNA BAHUGUNA / MADHWANAND BAHUGUNA**

जन्म तिथि Date of Birth : **24/03/1998 24TH MARCH NINETEEN HUNDRED NINETY EIGHT**

विद्यालय School : **57024-RAINBOW PUB SCH SRINAGAR GARHWAL PAURI UK**

का निष्पादन निम्नानुसार रहा has performed as follows :

1. शैक्षिक निष्पादन Academic Performance :
भाग Part-1 शैक्षिक क्षेत्र Scholastic Areas

विषय कोड तथा नाम Subject Code and Name	कक्षा Class IX				कक्षा Class X			
	Grade FA	Grade SA	Overall Grade (FA+SA) Grade	Grade Point (GP)	Grade FA	Grade SA	Overall Grade (FA+SA) Grade	Grade Point (GP)
184 ENGLISH LNG & LIT.	B2	B1	B1	08	B2	B1	B1**	08
002 HINDI COURSE-A	B1	B2	B1	08	C1	C1	B2**	07
041 MATHEMATICS	B1	B2	B1	08	B2	B2	B2	07
086 SCIENCE	B1	B1	A2**	09	B1	B2	B2	07
087 SOCIAL SCIENCE	B1	B2	B1	08	B2	B1	B1	08
Additional :								

संचित ग्रेड बिन्दु का औसत (सीजीपीए) Cumulative Grade Point Average (CGPA) : **7.4**

* कथन और श्रवण कौशल्य (एएसएल) के आकलन में ग्रेड Grade in Assessment of Speaking and Listening Skills (ASL) : **A1**

2 (क) (A) जीवन कौशल Life Skills :
भाग Part - 2 : सह-शैक्षिक कार्य क्षेत्र Co-Scholastic Areas

जीवन कौशल Life Skills	कक्षा Class IX		कक्षा Class X	
	वर्णनात्मक उल्लेख Descriptive indicators	ग्रेड Grade	वर्णनात्मक उल्लेख Descriptive indicators	ग्रेड Grade
चिंतन कौशल Thinking Skills	Identifies personal strengths and weaknesses and uses them to arrive at meaningful decisions	B	Identifies personal strengths and weaknesses, analyses a problem with relevant information and usually chooses appropriate alternatives and makes meaningful decisions.	B
सामाजिक कौशल Social Skills	Empathetic, shows sensitivity towards differently-abled students and appreciates other points of view, has very good interpersonal and communicative skills, an active listener and effective speaker, accepts feedback and criticism positively.	B	Empathetic, with good interpersonal and communication skills, usually observes school rules, and responds appropriately and takes feedback and criticism positively.	B
भावनात्मक कौशल Emotional Skills	Self-confident and optimistic, manages adverse situations and stress effectively. Expresses emotions appropriately.	B	Identifies weaknesses, stress and negative emotions fairly well and manages them with self confidence and is empathetic.	B

2 (ख)(B) कार्य शिक्षा Work Education :

कार्य शिक्षा Work Education	Grasps assigned tasks easily, self-motivated, helpful, guides others and is punctual.	B	Innovative and shows involvement in any assignment, and helps and guides others readily, applies knowledge practically and is punctual.	B

3 (ग)(C) दृश्य और प्रदर्शन कला Visual and Performing Arts :

Note: By making a payment towards the fee of the Program, you acknowledge that you have gone through our Terms of Use and Privacy Policy and confirm your acceptance to the terms and conditions in it.

Student Information Validation

As a part of the mandatory documents' verification process of LJMU, we request you to submit the documents mentioned below:
- Scanned copy of Official Marksheet and Under Graduation degree.
- Scanned copy of Identity proof (PAN Card or Passport). It should have your Full Name and Date of Birth clearly mentioned on it. This document will be referred to by the University for printing your name on the certificate.
- Scanned copy of two passport size photographs

Please note, do not share your documents over email. It is mandatory to share your documents in the below form via zipped file.

Link to the form for submission: Click Here

Please follow this naming convention for you file/zip folder: <your registered email ID>

The last date to share the documents is within seven (7) days of payment of Caution Amount or by the Cohort Commencement Date (whichever is earlier). Failing to submit all the documents as per the timeline mentioned above will result in your automatic deferral to the immediate next cohort of the Program. In case of delay in submission as per the afore-mentioned timeline, learner shall not be eligible for refund of any amount paid towards the Total Program Fee.

In case the required documents are not submitted by the mentioned due date or that if discrepancies are found between the application and self-attested documents including but not limiting to wrong details about your grades or any other incorrect information provided in your application, your admission may stand cancelled at any time including during the duration of the Program, and any amount paid by you towards the Total Program Fee will be non-refundable under any circumstances.

You can view the deferral policy here.

*This is a provisional offer letter subject to successful completion of the Executive PG Program in Machine Learning & AI from IIIT Bangalore in association with upGrad by securing a CGPA of 2.4 in Executive PG Program.
In the event you fail to secure the requisite GPA/score or complete the Executive PG Program in Machine Learning & AI for any reason whatsoever, you shall not be eligible for refund of any amount paid towards the Total Program Fee.
.
It is clarified that once you enroll in the Program by reserving your seat by paying the Caution Amount, you shall not be eligible for refund of any amount paid towards the Total Program Fee, for any reason whatsoever, and you will continue to pay the EMI (where applicable) for your loan wherein the loan cannot be cancelled.

Welcome once again to the aspiring community of Machine Learners. We look forward to hearing from you. In case of any further inquiry, you may please send an email to admissions@upgrad.com or call us at ${customerCareNumber}