

# MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

## 1. Name of the Institution

Lakhimpur Polytechnic  
Bihpuria, P.O. Gosaibari, PIN: 787033, Dist: Lakhimpur  
Mobile: 9435161922, E-Mail:lakhimpurpolytechnic@gmail.com

## 2. Name and address of the Trust/ Society/ Company and the Trustees

Directorate of Technical Education, Assam  
Kahilipara, Guwahati-19  
E-mail: dte.assam@gov.in

## 3. Name and Address of the Principal

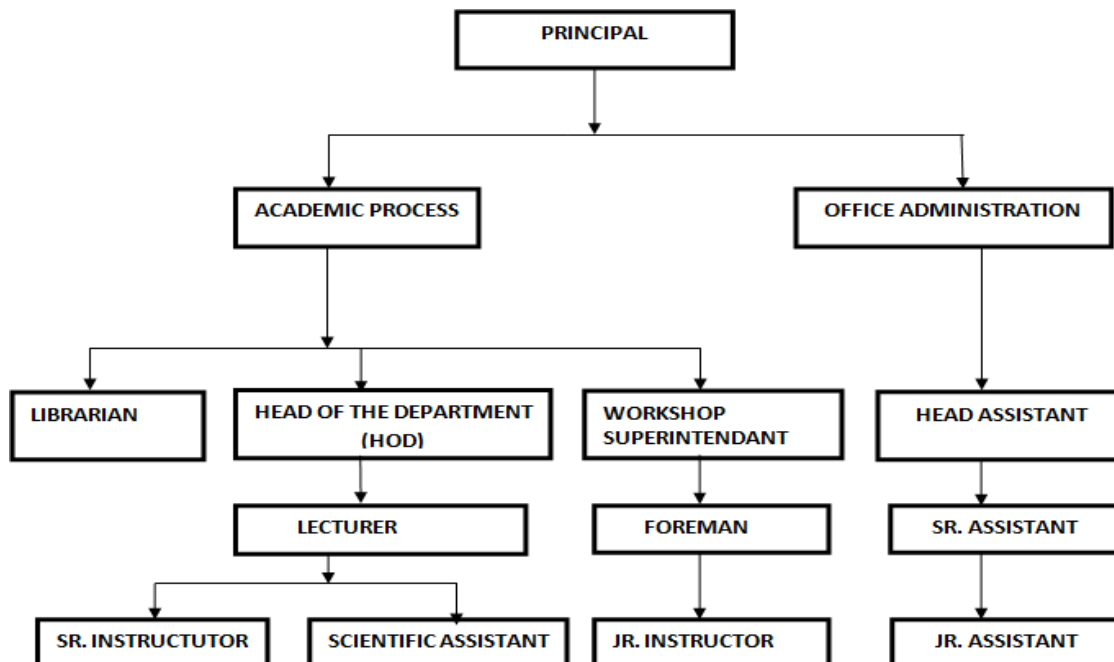
Mr. Mrinal Prasad Nath  
Principal, Lakhimpur Polytechnic  
Bihpuria, P.O. Gosaibari, PIN: 787033, Dist: Lakhimpur  
Mobile: 9435161922, E-mail: lakhimpurpolytechnic@gmail.com

## 4. Name of the affiliating Council

State Council for Technical Education, Assam  
Directorate of Technical Education, Assam  
Kahilipara, Guwahati-19

## 5. Governance

- ❖ Members of the Board and their brief background : Govt. Institution
- ❖ Members of Academic Advisory Body : Govt. Institution
- ❖ Frequently of the Board Meeting and Academic Advisory Body : Govt. Institution
- ❖ Organizational chart and processes



## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

- ❖ Nature and Extent of involvement of Faculty and students in academic affairs/improvements
  - i. Lakhimpur Polytechnic is a new technical institution established in the year 2017. Special emphasis has been given on developing a solid foundation for knowledge, confidence building, self-discipline and creativity to become successful professionals and good human being.
  - ii. The faculty focuses on developing students ability to think, to solve problems, to analyze design and to develop communication skills and therefore it is a preparation for a lifelong learning. The faculty uses interactive lectures and case studies with emphasis on laboratory assignments and project based classes.
  - iii. Students are encouraged to make their life enjoyable by engaging themselves in extracurricular activities in addition to their normal classroom activities.
- ❖ Mechanism/ Norms and Procedure for democratic/ good Governance:
  - i. Departmental meetings amongst the faculties are held to discuss academic matters
  - ii. Faculty meeting of the Institute presided by the Principal is held periodically to discuss the issues relating to Academic , Administration and development activities to meet the various norms as may be required.
  - iii. Faculty has been assigned duty as students' counselors semester wise and Department wise.
- ❖ Student Feedback on Institutional Governance/ Faculty performance : Yes
- ❖ Grievance Redressal mechanism for Faculty, staff and students : Yes
- ❖ Establishment of Anti Ragging Committee : Yes
- ❖ Establishment of Online Grievance Redressal Mechanism : Yes
- ❖ Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University : Yes
- ❖ Establishment of Internal Complaint Committee (ICC) : Yes
- ❖ Establishment of Committee for SC/ ST : Yes

### 6. Programmes

- ❖ Name of Programmes approved by AICTE : Engineering and Technology
- ❖ Name of Programmes Accredited by AICTE : Nil
- ❖ Status of Accreditation of the Courses : Not Applicable
- ❖ Total number of Courses : 03
- ❖ No. of Courses for which applied for Accreditation: Nil
- ❖ 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 : Not Applicable

- ❖ For each Programme the following details are to be given:

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

A.

- i. Name : Civil Engineering
- ii. Number of seats : 60
- iii. Duration : 03 Years
- iv. Cut off marks/rank of admission during the last three years:
- v. Fee : Mentioned below
- vi. Placement Facilities : Yes
- vii. Campus placement in last three years with minimum salary, maximum salary and average salary : Not Applicable
- viii. Internal Quality Assurance Cell : Available

B:

- i. Name : Chemical Engineering
- ii. Number of seats : 60
- iii. Duration : 03 Years
- iv. Cut off marks/rank of admission during the last three years:
- v. Fee : Mentioned below
- vi. Placement Facilities : Yes
- vii. Campus placement in last three years with minimum salary, maximum salary and average salary : Not Applicable
- viii. Internal Quality Assurance Cell : Available

C.

- i. Name : Mechanical Engineering
- ii. Number of seats : 60
- iii. Duration : 03 Years
- iv. Cut off marks/rank of admission during the last three years:
- v. Fee : Mentioned below
- vi. Placement Facilities : Yes
- vii. Campus placement in last three years with minimum salary, maximum salary and average salary : Not Applicable
- viii. Internal Quality Assurance Cell : Available


### **7. Faculty**

- ❖ Branch wise list Faculty members:
  - Part Time Lecturer : 18
  - Adjunct Faculty : NIL
  - Part-Time Lecturer: Student Ratio : 1 : 30
- ❖ Number of Faculty employed and left during the last three years
  - Faculty employed: 23, Faculty left : 05

### **8. Profile of Faculty**

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**


*Department of Civil Engineering*

<p align="center"><b>AMAR FAROOQ SIDDIQUE</b> <i>HOD i/c, Lecturer</i> <b>Civil Engineering Department</b> <b>Lakhimpur Polytechnic Bihpuria</b></p>														
Sl. No.	Items	Details												
I	Name	<b>Amar Farooq Siddique</b>												
II	Date of Birth	15/04/1992												
III	Unique id	1-9506394118												
IV	Educational Qualifications	<b>Ph.D.</b> [2017- present] Pursuing in Civil Engineering <b>M.E.</b> [2015-2017] in Geotechnical Engineering <b>B.Tech</b> [2011-2015] in Civil Engineering												
V	Work Experience													
	<ul style="list-style-type: none"> <li>Teaching</li> </ul>	<b>3 Years 7 Months</b> <ul style="list-style-type: none"> <li>As a Lecturer in Civil Engineering Deptt, Lakhimpur Polytechnic from 4<sup>th</sup> Sep 2018- till present</li> </ul>												
	<ul style="list-style-type: none"> <li>Research</li> </ul>	<b>Ph.D. Research Scholar</b> in Civil Engineering												
	<ul style="list-style-type: none"> <li>Industry</li> </ul>	Nil												
	<ul style="list-style-type: none"> <li>others</li> </ul>	Nil												
VI	Area of Specialization	<b>Civil Engineering</b>												
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post GraduateDiploma Level	<table border="1"> <tr> <td><b>2018 odd sem (Sep-Dec)</b></td> <td>1. Water Resource Engineering(T) 2. Building Construction &amp; Material(P)</td> </tr> <tr> <td><b>2019 even sem (Jan-Jun)</b></td> <td>1. Surveying (T&amp;P) 2. Hydraulics (T&amp;P)</td> </tr> <tr> <td><b>2019 sem (Jul-Dec)</b></td> <td>1. Water Resource Engineering(T) 2. Advanced Surveying (T&amp;P) 3. Geotechnical &amp; Foundation Engg (T&amp;P)</td> </tr> <tr> <td><b>2020 even sem (Jan- Sep)</b></td> <td>1. Hydraulics (T&amp;P) 2. Railway Bridge &amp; Tunnel Engg (T&amp;P) 3. Project &amp; Seminar</td> </tr> <tr> <td><b>2020-2021 odd sem ((Nov-Mar)</b></td> <td>1. Building Construction &amp; Materials (T&amp;P) 2. Geotechnical &amp; Foundation Engg (T&amp;P)</td> </tr> <tr> <td><b>2021 even sem (Apr-Aug)</b></td> <td>1. Surveying (T&amp;P) 2. Hydraulics (T&amp;P) 3. Estimating-I (T) 4. Concrete Technology (T&amp;P) 5. Railway Bridge &amp; Tunnel Engg (T&amp;P) 6. Project &amp; Seminar</td> </tr> </table>	<b>2018 odd sem (Sep-Dec)</b>	1. Water Resource Engineering(T) 2. Building Construction & Material(P)	<b>2019 even sem (Jan-Jun)</b>	1. Surveying (T&P) 2. Hydraulics (T&P)	<b>2019 sem (Jul-Dec)</b>	1. Water Resource Engineering(T) 2. Advanced Surveying (T&P) 3. Geotechnical & Foundation Engg (T&P)	<b>2020 even sem (Jan- Sep)</b>	1. Hydraulics (T&P) 2. Railway Bridge & Tunnel Engg (T&P) 3. Project & Seminar	<b>2020-2021 odd sem ((Nov-Mar)</b>	1. Building Construction & Materials (T&P) 2. Geotechnical & Foundation Engg (T&P)	<b>2021 even sem (Apr-Aug)</b>	1. Surveying (T&P) 2. Hydraulics (T&P) 3. Estimating-I (T) 4. Concrete Technology (T&P) 5. Railway Bridge & Tunnel Engg (T&P) 6. Project & Seminar
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<b>2021 even sem (Apr-Aug)</b>	1. Surveying (T&P) 2. Hydraulics (T&P) 3. Estimating-I (T) 4. Concrete Technology (T&P) 5. Railway Bridge & Tunnel Engg (T&P) 6. Project & Seminar													
VIII	Research guidance													
	No. of papers published in National/ International Journals/ Conferences	<b>09</b> (International Journal- <b>2</b> , International Conference- <b>4</b> , National Conference- <b>3</b> )												

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

	Master	Nil
	PhD	Nil
IX	Projects Carried out	<ol style="list-style-type: none"> <li>1. Evaluation of Liquefaction Potential of Guwahati city using Site Response Analysis: M.E. Major Project</li> <li>2. Ground Response Studies of Typical Sites of Guwahati Region: M.E. Seminar Report</li> <li>3. Design and Analysis of Three Storied Commercial Building: B.Tech Major Project</li> <li>4. Water Collection and Its Distribution System and Building Layout: B.Tech Survey Camp Project</li> </ol>
X	Patents	Nil
XI	Technology Transfer	Nil
XII	Research Publications	<p><b>International Journal</b></p> <ol style="list-style-type: none"> <li>1. <b>Siddique, A. and Sharma, B. (2020)</b> Liquefaction Potential Assessment of Guwahati City Using One Dimensional Ground Response Analysis. <i>Journal of Geoscience and Environment Protection</i>, <b>8</b>, 176-194. doi: <a href="https://doi.org/10.4236/gep.2020.85011">10.4236/gep.2020.85011</a>.</li> <li>2. <b>Sharma B., Siddique, A. F., Medhi B. J. et al.</b> Innov. Infrastruct. Solut. (2018) 3: 11. <a href="https://doi.org/10.1007/s41062-017-0117-0">https://doi.org/10.1007/s41062-017-0117-0</a></li> </ol> <p><b>International/ National Conference</b></p> <ol style="list-style-type: none"> <li>3. <b>Siddique A.F., Acharjee A., Sharma B. (2021)</b> A Study on Characteristics of Soil Profile of Guwahati City Against Different Ground Motions: 1D NonLinear Ground Response Analysis. In: Sitharam T.G., Jakka R., Govindaraju L. (eds) Local Site Effects and Ground Failures. Lecture Notes in Civil Engineering, vol 117. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-15-9984-2_9">https://doi.org/10.1007/978-981-15-9984-2_9</a></li> <li>4. <b>Siddique A.F., Dutta D., Deka A. (2021)</b> One-Dimensional Ground Response Analysis to Arrive at Surface Peak Ground Acceleration—A Case Study of Golaghat District in Assam. In: Sitharam T.G., Jakka R., Govindaraju L. (eds) Local Site Effects and Ground Failures. Lecture Notes in Civil Engineering, vol 117. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-15-9984-2_10">https://doi.org/10.1007/978-981-15-9984-2_10</a></li> <li>5. <b>Sharma B., Siddique A.F., Medhi B.J. (2019)</b>. One Dimensional Ground Response Analysis and Identification of Liquefiable Strata of Guwahati City. In: Barman M., Zaman M., Chang JR. (eds) Transportation and Geotechniques: Materials, Sustainability and Climate. GeoChina 2018. <i>Sustainable Civil Infrastructures</i>. Springer, Cham</li> <li>6. <b>Siddique, A. F. and Sharma, B. (2018)</b>. Identification of Liquefiable Strata by 1D Ground Response Analysis of South-Western Zone of Guwahati City. <i>16<sup>th</sup> Symposium on Earthquake Engineering. IIT Roorkee &amp; ISET, Dec.20-22, 2018</i></li> <li>7. <b>Siddique, A. F. (2018)</b>. Effect of Duration and Frequency on Ground Motion: Case Study of Guwahati City. <i>16<sup>th</sup> Symposium on Earthquake Engineering. IIT Roorkee &amp; ISET, Dec.20-22, 2018</i></li> <li>8. <b>Siddique, A. F. and Sharma, B. (2018)</b>. Comparison of 1D Equivalent Linear and Nonlinear Ground Response Analysis for Different Soil Profiles. <i>Proceedings of 1<sup>st</sup> International Conference on Infrastructure Development. Department of Civil Engineering, Jorhat Engineering College, Dec.21-22, 2018</i>, pp. 208-211.</li> <li>9. <b>Sharma, B., Medhi, B. J. and Siddique, A. F. (2017)</b>. Assessment of Liquefaction Potential of Guwahati City using Ground Response Analysis. <i>National Conference on Recent Advancement in Geotechnical Investigations and Ground Improvement Techniques (RAGIGIT- 2017)</i>. Civil Engineering Department, National Institute of Technology Silchar, Assam, India</li> </ol>
XIII	No. of Books published with details	Nil

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

<b>MR. MUSABBIR HUSSAIN</b> <b>Lecturer</b> <b>Department of Civil Engineering</b>		
<b>Sl.No</b>	<b>Items</b>	<b>Details</b>
<b>I</b>	Name	Musabbir Hussain
<b>II</b>	Date of Birth	02/03/1989
<b>III</b>	Unique id	1-11068205911
<b>IV</b>	Educational Qualifications	B.E in Civil Engineering , Jorhat Engineering College (2013). M.Tech in Structural Engineering , National Institute of Technology, N.I.T Rourkela (2017).
<b>V</b>	Work Experience	
	• Teaching	Null.
	• Research	Null.
	• Industry	Null.
	• Others	Null.
<b>VI</b>	Area of Specialization	MTech in Structural Engineering (NIT Rourkela)
<b>VII</b>	Courses taught at Diploma/Post Diploma/Under Graduate/Post Graduate/Post Graduate Diploma Level	Civil Engineering : <ul style="list-style-type: none"> <li>• Structural Mechanics</li> <li>• Hydraulics</li> <li>• Design of RCC Structures</li> <li>• Design of Steel Structures</li> <li>• Project &amp; Seminar</li> </ul>
<b>VIII</b>	Research Guidance	
	No. of papers published in National/International Journals/Conferences	None.
	Master	None.
	PhD	None.
<b>IX</b>	Projects carried out	<ul style="list-style-type: none"> <li>• Probabilistic Modelling for Mechanical Properties of Clay and Fly Ash Brick (MTech).</li> <li>• Study of Load Settlement Characteristic on available Soil Sample (B.E 4<sup>th</sup> Year).</li> <li>• Analysis and Redesign of an existing Three Storey RCC SBI Building at Jorhat (BE 3<sup>rd</sup> Year ).</li> <li>• A 20 days winter training on “Various Testing on Construction Materials and Soils” at Road Research Laboratory, PWD (Roads), Ambari Fatashil, Guwahati.</li> </ul>
<b>X</b>	Patents	Null.
<b>XI</b>	Technology Transfer	Null.
<b>XII</b>	Research Publications	Null.
<b>XIII</b>	No. of Books published with details	Null.

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Chemical Engineering

**MISS. KANGKANA DEORI**  
**HOD i/c, Lecturer**  
**Department of Chemical Engineering**



Sl. No.	Items	Details
I	Name	Kangkana Deori
II	Date of Birth	24.02.1991
III	Unique id	1-9507810710
IV	Education Qualifications	B.E (Chemical Engineering) M.Tech (Polymer Technology), PhD (Pursuing)
V	Work Experience	
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	4 years 11 months 25 days
	<ul style="list-style-type: none"><li>• Research</li></ul>	
	<ul style="list-style-type: none"><li>• Industry</li></ul>	
	<ul style="list-style-type: none"><li>• others</li></ul>	
VI	Area of Specialization	Polymer Technology
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma Level 1. Industrial Chemical Process-I/II/III 2. Principle of Unit Operation-II 3. Stoichiometry Thermodynamics Kinetics 4. Instrumentation 5. Environmental Education 6. Engineering Drawing
VIII	Research guidance	
	<ul style="list-style-type: none"><li>• No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>• Master</li></ul>	
	<ul style="list-style-type: none"><li>• PhD</li></ul>	
IX	Projects Carried out	1. Heat Transfer through composite walls 2. Production of hydrogen from naphtha 3. Resin modification from DGEBA 4. Resin property enhancing with nano materials and metals
X	No. of Projects Guided (Diploma)	4

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

**SHAHENAZ SULTANA BEGUM**  
**Lecturer**  
**Department of Chemical Engineering**



Sl. No.	Items	Details
I	Name	Shahenaz Sultana Begum
II	Date of Birth	20.09.1995
III	Unique id	1-9520468376
IV	Education Qualifications	B.E. in Chemical Engineering
V	Work Experience	
	<ul style="list-style-type: none"><li>● Teaching</li></ul>	3 years 6 months 13 days
	<ul style="list-style-type: none"><li>● Research</li></ul>	
	<ul style="list-style-type: none"><li>● Industry</li></ul>	
	<ul style="list-style-type: none"><li>● others</li></ul>	
VI	Area of Specialization	Chemical Engineering
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma Level 1. Principle of Unit Operation-I 2. Fuel, Furnace & Refractories 3. Principle of Unit Operation-III 4. Petroleum Technology 5. Principle of Unit Operation-IV 6. Petroleum Refining Engineering
VIII	Research guidance	
	<ul style="list-style-type: none"><li>● No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>● Master</li></ul>	
	<ul style="list-style-type: none"><li>● PhD</li></ul>	
IX	Projects Carried out	Shell and tube heat exchanger performance analysis
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	



## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

**MISS. LIMLEE BEZBARUAH**

**Lecturer**

**Department of Chemical Engineering**



Sl. No.	Item	Details
I	Name	Limlee Bezbaruah
II	Date of Birth	19.01.1996
III	Unique id	1-7438982576
IV	Education Qualifications	B.E (CHEMICAL ENGINEERING)
V	Work Experience	
	<ul style="list-style-type: none"><li>● Teaching</li></ul>	3 years
	<ul style="list-style-type: none"><li>● Research</li></ul>	
	<ul style="list-style-type: none"><li>● Industry</li></ul>	
	<ul style="list-style-type: none"><li>● others</li></ul>	
VI	Area of Specialization	CHEMICAL ENGINEERING
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma- 1)Industrial Chemical Process-I 2)Chemical Engineering Drawing-I 3)Environmental Education 4)Petrochemicals 5)Chemical Engineering Drawing-II 6)Automatic Process Control
VIII	Research guidance	
	<ul style="list-style-type: none"><li>● No. of papers published in National/ International Journals/ Conferences</li></ul>	0
	<ul style="list-style-type: none"><li>● Master</li></ul>	
	<ul style="list-style-type: none"><li>● PhD</li></ul>	
IX	Projects Carried out	Final Year Project - "Preparation of composite drug from P-chitosan and Moringa Olifera extract and to see its release rate "(Carried out at IIT GUWAHATI)
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Mechanical Engineering

**MRS. POMPI BORAH**


**HOD i/c, Lecturer**

**Department of Mechanical Engineering**



Sl. No.	Items	Details
I	Name	Pompi Borah
II	Date of Birth	07-05-1990
III	Unique id	1-9520468440
IV	Education Qualifications	B.E in Mechanical Engineering
V	Work Experience	
	<ul style="list-style-type: none"><li>● Teaching</li></ul>	4 years 11 months 25 days
	<ul style="list-style-type: none"><li>● Research</li></ul>	
	<ul style="list-style-type: none"><li>● Industry</li></ul>	
	<ul style="list-style-type: none"><li>● others</li></ul>	
VI	Area of Specialization	Mechanical Engineering
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	1.Fluid Mechanics & Fluid Machinery 2.Thermodynamics 3.Theory of Machines 4.Thermal Engineering-I 5.Thermal Engineering-II
VIII	Research guidance	
	<ul style="list-style-type: none"><li>● No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>● Master</li></ul>	
	<ul style="list-style-type: none"><li>● PhD</li></ul>	
IX	Projects Carried out	
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

<b>MR. MRIGANAV DEBNATH</b> <b>Lecturer</b> <b>Department of Mechanical Engineering</b>		
<b>Sl. No.</b>	<b>Items</b>	<b>Details</b>
I	Name	Mriganav Debnath
II	Date of Birth	31/05/1990
III	Unique id	1-9507810604
IV	Education Qualifications	B.E (Mechanical Engineering), M.Tech
V	Work Experience	
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	4 years 11 months 25 days
	<ul style="list-style-type: none"><li>• Research</li></ul>	6 months, IITG
	<ul style="list-style-type: none"><li>• Industry</li></ul>	Oil, Duliajan; AGCL Duliajan
	<ul style="list-style-type: none"><li>• others</li></ul>	
VI	Area of Specialization	Materials and manufacturing technology
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma
VIII	Research guidance	
	<ul style="list-style-type: none"><li>• No. of papers published in National/ International Journals/ Conferences</li></ul>	Journal -1 International Conference - 1
	<ul style="list-style-type: none"><li>• Master</li></ul>	
	<ul style="list-style-type: none"><li>• PhD</li></ul>	
IX	Projects Carried out	Effects of various process parameters during electrical discharge machining of aluminum based metal matrix composite.
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

**MR. TUSHAR RANJAN BORA**

**Lecturer**

**Department of Mechanical Engineering**



Sl. No.	Items	Details
I	Name	Mr. Tushar Ranjan Bora
II	Date of Birth	01.01.1992
III	Unique id	1-7438866140
IV	Education Qualifications	B.E in Mechanical Engineering M. E in Mechanical Engineering PhD (Pursuing from ASTU, Part-Time)
V	Area of Specialization	Production & Industrial Engineering
VI	Work Experience	
	Teaching Experience (As Assistant Professor in JEC & As Lecturer in Lakhimpur Polytechnic)	<b>Total: 4 years 7 months 25 days as on 25-03-2022</b> i) 01 August, 2017 to 31 <sup>st</sup> July, 2019 at Jorhat Engineering College ii) 01 Aug, 2019-till date at Lakhimpur Polytechnic
	Industrial Experience & Trainings	1 year as Apprentice Engineer at ONGC & Industrial Trainings at CIPET Guwahati, OIL Duliajan, NF Railway, ASTC Guwahati
VII	Research	1 year at The Assam Co-Operative Jute Mills. Ltd. Kaliabor, Assam
VIII	Subjects Undertaken	i) Industrial Engineering (U.G & Diploma) ii) Internal Combustion Engines (U.G) iii) Statistical Quality Control (U.G) iv) Machine Drawing (U.G & Diploma) v) Engineering Mechanics (U.G & Diploma) vi) Fluid Mechanics (Diploma) vii) Thermodynamics (Diploma) viii) Metrology (Diploma) ix) Strength of Materials (Diploma) x) Industrial Organization (U.G)

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

IX	Paper Publication (s)	<ol style="list-style-type: none"> <li>1. “<i>Analysis and Evaluation of Overall Equipment Effectiveness in Jute Industry: A Case Study</i>”, <b>International Journal of Industrial Engineering and Design</b>, 2017, Vol. 3: Issue 1.</li> <li>2. “<i>Clean Energy, its prospect and challenges in India: A literature Review</i>”, <b>Applied Mechanics and Materials</b>, 2019, Vol. 895, pp 134-138, ISSN: 1662-7482, Trans Tech Publications Ltd, Switzerland, www.scientificnet.com.</li> <li>3. “<i>Functioning of Air Brake System and Its Components in a Diesel-Electric Locomotive: A Theoretical Study</i>”, <b>International Journal of Mechanical Handling and Automation</b>, 2017, Vol. 3: Issue 2.</li> <li>4. “<i>Study of Total Productive Maintenance (TPM) and Its Implementing Approach in Different Types of Industries for Productivity Improvement: A Review</i>”, <b>International Journal of Industrial Engineering and Design</b>, 2018, Vol. 4: Issue 1.</li> </ol>
X	Master (M.E/M.Tech)	Production & Industrial Engineering
	PhD	Pursuing
XI	Projects Carried out	<ol style="list-style-type: none"> <li>1) “<i>Effect of Process Parameters on Optimum Cutting Force in Orthogonal Turning Operation</i>”</li> <li>2) “<i>Analysis, Evaluation and Improvement of Overall Equipment Effectiveness in Jute Industry</i>”</li> </ol>
XII	No. of Projects Guided (U.G & Diploma)	2 (U.G), 3 (Diploma)

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA


**MR. GAUTAM CHANGKAKOTY**  
**Lecturer**  
**Department of Mechanical Engineering**



Sl. No.	Items	Details
I	Name	Mr.Gautam Changkakoty
II	Date of Birth	08/03/1993
III	Unique id	1-9507810657
IV	Education Qualifications	B.Tech in Mechanical Engineering M.Tech in Petroleum Technology
V	Work Experience	<b>2 years 8 months</b>
	<ul style="list-style-type: none"><li>Teaching</li></ul>	Lecturer at Lakhimpur Polytechnic From 1 <sup>st</sup> ,Aug 2019 to till date
	<ul style="list-style-type: none"><li>Research</li></ul>	Research Scholar
	<ul style="list-style-type: none"><li>Industry</li></ul>	1.5 Years of Experience in Oil Field Industry
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Mechanical Engineering
VII	Courses taught at Diploma/Post Diploma/ Under Graduate/Post Graduate/DiplomaLevel	Diploma Level Mechanical Engineering
VIII	Research Guidance	
	<ul style="list-style-type: none"><li>No. of papers published in National/InternationalJournals/Conf erences</li></ul>	
	<ul style="list-style-type: none"><li>Master</li></ul>	
	<ul style="list-style-type: none"><li>PhD</li></ul>	
IX	Projects Carried out	nil
X	Patents	nil
XI	Technology Transfer	
XII	Research Publications	nil
XIII	No.ofBookspublishedwithdetails	nil

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Computer Sc. Engineering

<b>MRS. DIMPIMONI KALITA</b> <b>Lecturer</b> <b>Department of Computer Sc. Engineering</b>		
Sl. No.	Items	Details
I	Name	DIMPIMONI KALITA
II	Date of Birth	05/09/1992
III	Unique id	1-9507810763
IV	Education Qualifications	B.E (CSE), M.Tech (CSE), PhD (Pursing)
V	Work Experience	
	<ul style="list-style-type: none"><li>Teaching</li></ul>	<ol style="list-style-type: none"><li>From August 2015 to March 2016 at Assam Professional Academy, Guwahati</li><li>From April 2016 to June 2016 at MNC Balika Mahavidyalaya, Nalbari (PGDCA course under IDOL)</li><li>From August 2018 till date at Lakhimpur Polytechnic</li></ol>
	<ul style="list-style-type: none"><li>Research</li></ul>	From July 2017 to May 2018 on Reversible Computation at TSSOT, AUS
	<ul style="list-style-type: none"><li>Industry</li></ul>	From September 2013 to December 2014 worked as a trainee at BSNL, RTTC, Guwahati
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Computer Science & Engineering (CSE)
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ PG Diploma Level	Diploma Level: <ol style="list-style-type: none"><li>Computer Application and Programming (CAP)</li><li>Professional Practice (PP)</li></ol>
VIII	Research guidance	
	No. of papers published in National/ International Journals/ Conferences	
	Master	Reversible Computation
	PhD	
IX	Projects Carried out	<ol style="list-style-type: none"><li>Human Computer Interaction</li><li>Steganography</li><li>Reversible Computation</li></ol>
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Electrical Engineering

**MISS TONMOYEE NATH**  
**Lecturer**  
**Department of Electrical Engineering**



Sl. No.	Items	Details
I	Name	Tonmoyee Nath
II	Date of Birth	19/8/1993
III	Unique id	1-9514915855
IV	Education Qualifications	M. Tech
V	Work Experience	
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	3 years 8 months
	<ul style="list-style-type: none"><li>• Research</li></ul>	
	<ul style="list-style-type: none"><li>• Industry</li></ul>	
	<ul style="list-style-type: none"><li>• others</li></ul>	
VI	Area of Specialization	Power Systems
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Soft computing technique, network theory, basic electrical engineering
VIII	Research guidance	
	<ul style="list-style-type: none"><li>• No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>• Master</li></ul>	Simulation of phasor measurement unit in MATLAB
	<ul style="list-style-type: none"><li>• PhD</li></ul>	
IX	Projects Carried out	
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	



## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Chemistry

**DR. PANKAJ HAZARIKA**


**Lecturer**

**Department of Chemistry**




Sl. No.	Items	Details
I	Name	Dr.Pankaj Hazarika
II	Date of Birth	01.12.1983
III	Unique id	1-9507810816
IV	Education Qualifications	M.Sc. Ph.D. in chemistry
V	Work Experience	
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	5 years
	<ul style="list-style-type: none"><li>• Research</li></ul>	6 years
	<ul style="list-style-type: none"><li>• Industry</li></ul>	
	<ul style="list-style-type: none"><li>• others</li></ul>	
VI	Area of Specialization	Physical Chemistry
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma Level Chemistry subjects
VIII	Research guidance	
	<ul style="list-style-type: none"><li>• No. of papers published in National/ International Journals/ Conferences</li></ul>	7 , 5, 5
	<ul style="list-style-type: none"><li>• Master</li></ul>	Chemistry
	<ul style="list-style-type: none"><li>• PhD</li></ul>	Bioinorganic and quantum chemistry
IX	Projects Carried out	
X	Patents	
XI	Technology Transfer	
XII	Research Publications	12
XIII	No. of Books published with details	1

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

<b>MR. BEDANTA BARHOI</b> <b>Lecturer</b> <b>Department of Chemistry</b>		
<b>Sl. No.</b>	<b>Items</b>	<b>Details</b>
I	Name	Bedanta Barhoi
II	Date of Birth	01-03-1992
III	Unique id	1-9514915802
IV	Education Qualifications	M.Sc
V	Work Experience	Teaching
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	6 years 7 months 25 days
	<ul style="list-style-type: none"><li>• Research</li></ul>	
	<ul style="list-style-type: none"><li>• Industry</li></ul>	
	<ul style="list-style-type: none"><li>• others</li></ul>	
VI	Area of Specialization	Organic Chemistry
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Chemistry
VIII	Research guidance	
	<ul style="list-style-type: none"><li>• No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>• Master</li></ul>	Final semester project of duration six months
	<ul style="list-style-type: none"><li>• PhD</li></ul>	
IX	Projects Carried out	M.Sc final semester project of duration six months
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of English

<b>SOBHA LAKSHMI HAZARIKA</b> <b>Lecturer</b> <b>Department of English</b>		
<b>Sl. No.</b>	<b>Items</b>	<b>Details</b>
I	Name	SOBHA LAKSHMI HAZARIKA
II	Date of Birth	01/02/1988
III	Unique id	1-11068205967
IV	Educational Qualifications	MA,B.ED, M.PHIL
V	Work Experience	9 years 8 months 3 days
	<ul style="list-style-type: none"><li>• Teaching</li></ul>	<ol style="list-style-type: none"><li>1. From 21/07/2014 to 02/08/2017 as Assistant Professor (Contractual) in Sibsagar College , Joysagar</li><li>2. From 2013 to 2017 as Counselor in KKHSOU at Sibsagar College Study Centre</li><li>3. From 24/01/2018 to 01/12/2021 as Lecturer in Sibsagar College of Teachers Education, Joysagar</li></ol>
	<ul style="list-style-type: none"><li>• Research</li></ul>	Nil
	<ul style="list-style-type: none"><li>• Industry</li></ul>	Nil
	<ul style="list-style-type: none"><li>• others</li></ul>	Nil
VI	Area of Specialization	English Literature
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post GraduateDiploma Level	Graduate
VIII	Research guidance	
	No. of papers published in National/ International Journals/ Conferences	Nil
	Master	No
	PhD	No
IX	Projects Carried out	No
X	Patents	Nil
XI	Technology Transfer	Nil
XII	Research Publications	<p style="text-align: center;">03</p> <ol style="list-style-type: none"><li>1. Colonial and Postcolonial Dilemma in Ruskin Bond's <i>A Flight of Pigeons</i> and <i>The Room on The Roof</i>. Published in: <i>MODERNISM AND POST MODERNISM: REFLECTIONS AND SPECULATIONS</i>. Publishing year: November, 2020. ISBN: “ 978-2-12-345680-3”</li><li>2. <i>Women and Human Rights</i>. Published in: <i>Gender and Women's Studies</i>:</li></ol>

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

		<p><i>Interdisciplinary Approaches and Perspectives</i>. Publishing year: December, 2020. ISBN : “978-81-948854-7-4”</p> <p>3. <i>The Employ of Myth in Ruskin Bond’s Selected Stories</i>. Published in: <i>Literature, Culture and Society : Multidisciplinary Perspectives</i> . Publishing year: August, 2021. ISBN : “ 978-81-950935-5-7”</p>
XIII	No. of Books published with details	Nil

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Humanities

**MR. NABADEEP BORAH**  
**Lecturer**  
**Department of Humanities**



Sl. No.	Items	Details
I	Name	Nabadeep Borah
II	Date of Birth	22.08.1996
III	Unique id	1-9514915908
IV	Education Qualifications	MBA, Marketing
V	Work Experience	
	<ul style="list-style-type: none"><li>Teaching</li></ul>	As Lecturer Since 01 March 2021-till date
	<ul style="list-style-type: none"><li>Research</li></ul>	
	<ul style="list-style-type: none"><li>Industry</li></ul>	ITC, Airtel
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Marketing
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma Level Commerce subjects
VIII	Research guidance	
	<ul style="list-style-type: none"><li>No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>Master</li></ul>	Marketing
	<ul style="list-style-type: none"><li>PhD</li></ul>	
IX	Projects Carried out	Two
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Mathematics

**MR. HITESWAR BORUAH**  
**Lecturer**  
**Department of Mathematics**



Sl. No.	Items	Details
I	Name	Mr. Hiteswar Boruah
II	Date of Birth	01/01/1983
III	Unique id	1-9313788441
IV	Education Qualifications	M.Sc. in Mathematics
V	Work Experience	9 years 10 months 25 days
	<ul style="list-style-type: none"><li>Teaching</li></ul>	Lecturer in a Private Junior College From June 2007 to March 2017 (Almost 10 Years)
	<ul style="list-style-type: none"><li>Research</li></ul>	
	<ul style="list-style-type: none"><li>Industry</li></ul>	
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Fuzzy Mathematics
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate /Diploma Level	Diploma Level Mathematics Subjects
VIII	Research guidance	
	<ul style="list-style-type: none"><li>No. of papers published in National/International Journals/ Conferences</li></ul>	3 papers published in International Journals
	<ul style="list-style-type: none"><li>Master</li></ul>	
	<ul style="list-style-type: none"><li>PhD</li></ul>	
IX	Projects Carried out	No.
X	Patents	Excellent Teacher Award by Govt. of Assam on the Occasion of Teachers Day in 2015
XI	Technology Transfer	
XII	Research Publications	1. Application of Intuitionistic Fuzzy Soft Matrices in Decision Making Problems, <i>International Journal of Mathematics Trends and Technology –Volume 4 Issue 11 – December 2013</i> , ISSN: 2231-5373 Page 254 2. Application of Generalized Intuitionistic Fuzzy Soft Matrices in Decision Making Problem, IOSR, 2014 3. Fuzzy Topsis in Decision Making, <i>International Journal of Scientific Research</i> , 2019.

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

XIII	No. of Books published with details	<b>1. Inclusive Mathematics</b> (Solution of H.S. 2 <sup>nd</sup> Year Mathematics Textbook , Published by New Assam Academic Centre) <b>2. Assam Engineering Mathematics Fully Solved,</b> Published by NAAC <b>3. Assam TET Exam Guide (VI-VIII),</b> NAAC Publication <b>4. Assam TET Exam Guide (Secondary Level, IX-X)</b> <b>5. Assam TET Exam Guide (Higher Secondary Level)</b>
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## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

**DR. (MRS.) MAMANI KALITA**

**Lecturer**

**Department of Mathematics**



Sl. No.	Items	Details
I	Name	Dr. Mamani Kalita
II	Date of Birth	30/06/1984
III	Unique id	1-9514915668
IV	Education Qualifications	Phd.(Mathematics)
V	Work Experience	11 years 6 months 20 days
	<ul style="list-style-type: none"><li>Teaching</li></ul>	i) From Sept 2010 to March 2017 as Assistant Professor (Contractual) ii) From 1 <sup>st</sup> April 2017 to till date as Part-Time Lecturer in Lakhimpur Polytechnic
	<ul style="list-style-type: none"><li>Research</li></ul>	
	<ul style="list-style-type: none"><li>Industry</li></ul>	
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Applied Mathematics
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma Level Mathematics
VIII	Research guidance	
	<ul style="list-style-type: none"><li>No. of papers published in National/ International Journals/ Conferences</li></ul>	3 /1 /5
	<ul style="list-style-type: none"><li>Master</li></ul>	
	<ul style="list-style-type: none"><li>PhD</li></ul>	
IX	Projects Carried out	
X	Patents	
XI	Technology Transfer	
XII	Research Publications	4
XIII	No. of Books published with details	6 no. of books B. Sc(2), B. Com(1), B. Ed(1), DELED(1), PET Admission Test Book(1)



## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### Department of Physics

**MISS SANJUKTA DEKA**  
**Lecturer**  
**Department of Physics**



Sl. No.	Items	Details
I	Name	Sanjukta Deka
II	Date of Birth	01-12-1994
III	Unique id	1-7438866326
IV	Education Qualifications	M.Sc. B.Ed
V	Work Experience	
	<ul style="list-style-type: none"><li>Teaching</li></ul>	Since 01 Aug, 2019-till date at Lakhimpur Polytechnic
	<ul style="list-style-type: none"><li>Research</li></ul>	
	<ul style="list-style-type: none"><li>Industry</li></ul>	
	<ul style="list-style-type: none"><li>others</li></ul>	
VI	Area of Specialization	Astro Physics
VII	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Applied Physics, physics
VIII	Research guidance	
	<ul style="list-style-type: none"><li>No. of papers published in National/ International Journals/ Conferences</li></ul>	
	<ul style="list-style-type: none"><li>Master</li></ul>	
	<ul style="list-style-type: none"><li>PhD</li></ul>	
IX	Projects Carried out	<b>Polarimetric study of Comet Johnson</b>
X	Patents	
XI	Technology Transfer	
XII	Research Publications	
XIII	No. of Books published with details	

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### 1. Fee

- ❖ Details of fee, as approved by State Fee Committee, for the Institution
  - A. One Time : Rs.1200.00
  - B. Fee payable per year : Rs. 1450.00
  - C. Fee payable per Semester : Rs.2450.00
- ❖ Time schedule for payment of fee for the entire programme: At the time of admission each semester
- ❖ No. of Fee waivers granted with amount and name of students: Nil
- ❖ Number of scholarship offered by the Institution, duration and amount: Nil
- ❖ Criteria for fee waivers/scholarship : Not Applicable
- ❖ Estimated cost of Boarding and Lodging in Hostels: Fee payable for Hostel per semester per Boarder : Rs.2100.00

### 2. Admission

- ❖ Number of seats sanctioned with the year of approval : 60 in each course totaling 180
- ❖ Number of Students admitted under various categories each year in the last THREE years

Year	Sl. No.	Name of the course	Approved Intake	General Male	General Female	OBC Male	OBC Female	SC Male	SC Female	ST (P) Male	ST (P) Female	ST (H) Male	ST (H) Female	Reserve Male	Reserve Female	T F W F M A L E	NCC MA LE	NCC FEM ALE	FF MA LE	FF FEM ALE	TGL	Total	
2019-2020	1	CIVIL ENGINEERING	60	20	8	10	4	5	1	5	1	1	1	0	0	0	0	1	0	0	1		58
	2	MECHANICAL ENGINEERING	60	32	2	13	0	2	2	6	0	2	1	0	0	1	0	0	0	0	0	1	62
	3	CHEMICAL ENGINEERING	60	22	7	9	4	1	2	4	1	0	0	0	0	1	0	0	0	1	0		52
2020-21	1	CIVIL ENGINEERING	60	26	4	3	11	1	3	4	2	0	1	3	1	0	0	0	0	1	0		60
	2	MECHANICAL ENGINEERING	60	32	2	11	2	1	0	5	1			1	1	0	1	0	0	0			57
	3	CHEMICAL ENGINEERING	60	18	13	7	5	0	0	3	3			0	0	0	0	0	0	0			49

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### MECHANICAL ENGINEERING

Year	Sl. No	Name of the course	Approved Intake	General	OBC/MO BC	SC	ST (P)	ST (H)	RDP	TGL	EWS	FF	RTW	TWF	TOTAL
2021-2022	1	MALE	60	26	16	3	7	2	0	0	2	0	1	0	55
	2	FEMALE		3	0	1	2	0	0	0	0	0	0	0	6
	3	TRANSGENDER		0	0	0	0	0	0	0	0	0	0	0	0
	4	TOTAL		29	16	4	9	2	0	0	2	0	1	0	61

### CHEMICAL BRANCH

Year	Sl. No	Name of the course	Approved Intake	General	OBC/MO BC	SC	ST (P)	ST (H)	RDP	TGL	EWS	FF	RTW	TWF	TOTAL
2021-2022	1	MALE	60	14	13	4	7	1	1	0	0	0	1	0	41
	2	FEMALE		14	3	1	1	0	0	0	0	0	0	0	19
	3	TRANSGENDER		0	0	0	0	0	0	0	0	0	0	0	0
	4	TOTAL		28	16	5	8	1	1	0	0	0	1	0	60

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

**CIVIL BRANCH**

Year	Sl. No	Name of the course	Approved Intake	General Male	OBC/MO BC	SC	ST (P)	ST (H)	RDP	TGL	EWS	FF	RTW	TWF	TOTAL
2021-2022	1	MALE	60	25	11	3	3	2	0	0	2	1	0	0	47
	2	FEMALE		7	2	1	2	0	0	1	1	0	0	0	14
	3	TRANSGENDER		0	0	0	0	0	0	0	0	0	0	0	0
	4	TOTAL		32	13	4	5	2	0	1	3	1	0	0	61

- ❖ Number of applications received during last two years for admission under Management Quota and number admitted : Not Applicable

## **MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

### **3. Admission Procedure:**

- **As decided by the office of the Directorate of Technical Education, Assam (Website: [ww.dte.assam.gov.in](http://ww.dte.assam.gov.in))**
- ❖ 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
- ❖ Dates for announcing final results
- ❖ Release of admission list (main list and waiting list shall be announced on the same day)
- ❖ Date for acceptance by the candidate (time given shall in no case be less than 15 days)
- ❖ Last date for closing of admission
- ❖ Starting of the Academic session
- ❖ The waiting list shall be activated only on the expiry of date of main list
- ❖ The policy of refund of the fee, in case of withdrawal, shall be clearly notified

### **4. Criteria and Weightages for Admission**

- **As decided by the office of the Directorate of Technical Education, Assam (Website: [ww.dte.assam.gov.in](http://ww.dte.assam.gov.in))**
- ❖ Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
- ❖ Mention the minimum level of acceptance, if any
- ❖ Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years ( In Lakhimpur Polytechnic)

Year: 2020 In Percentage

i. GEN	: 40
ii. OBC	: 40
iii. SC	: 35
iv. ST (P)	: 33
vi. ST(H)	: 33

Year: 2021 In Percentage

i. GEN	: 40
ii. OBC	: 40
iii. SC	: 35
iv. ST (P)	: 33
vi. ST(H)	: 33

- ❖ Display marks scored in Test etc. and in aggregate for all candidates who were admitted

## **5. List of Applicants**

- **As decided by the office of the Directorate of Technical Education, Assam (Website: [ww.dte.assam.gov.in](http://ww.dte.assam.gov.in))**

List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats

## **6. Results of Admission under Management seats/Vacant seats**

- **As decided by the office of the Directorate of Technical Education, Assam (Website: [ww.dte.assam.gov.in](http://ww.dte.assam.gov.in))**

- ❖ Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)
- ❖ Score of the individual candidate admitted arranged in order or merit
- ❖ List of candidate who have been offered admission
- ❖ Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate
- ❖ List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

## **7. Information of Infrastructure and Other Resources Available**

- ❖ Number of Class Rooms and size of each :
  - 09 Numbers of Class Rooms and approx. size of each is 66 Sq. Meter
- ❖ Number of Tutorial rooms and size of each
  - 03 Numbers of Tutorial Rooms and approx. size of each is 32 Sq. Meter
- ❖ Number of Laboratories and size of each
  - 16 Numbers of Laboratories and approx. size of each is 64 Sq. Meter
- ❖ Number of Drawing Halls with capacity of each
  - 01 Number of Drawing Hall with size of 138 Sq. Meter
- ❖ Number of Computer Centres with capacity of each
  - 01 Computer Center with size of 115 Sq. Meter
- ❖ Central Examination Facility, Number of rooms and capacity of each
  - 01 Number of Room as Exam Control Office of size 28.0 Sq. Meter
- ❖ Barrier Free Built Environment for disabled and elderly persons
  - Provision is available but not ready now
- ❖ Occupancy Certificate
  - Not available
- ❖ Fire and Safety Certificate
  - Yes
- ❖ Hostel Facilities
  - Yes

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### □ Library

- ❖ Number of Library books/ Titles/ Journals available (program-wise)
  - 3685/270/0
- ❖ List of online National/ International Journals subscribed
  - NIL
- ❖ E- Library facilities
  - KOHA Software (Installed in 1 PC)

### □ Laboratory and Workshop

#### ❖ List of Major Equipment/Facilities in each Laboratory/ Workshop

##### ➤ Civil Engineering Department

#### A. Surveying

1. Chain (20m and 30m)
2. Tape
3. Compass- Prismatic
4. Auto Level
5. Dumpy Level
6. Leveling Staff & Ranging Rods
7. Plane Table set
8. Theodolite
9. Tacheometer
10. Total Station

#### B. Hydraulics

1. Reynold's Apparatus
2. Flow through notches (Rectangular, triangular, trapezoidal)
3. Bernoulli's apparatus
4. Venturimeter apparatus
5. Minor head losses apparatus
6. U-tube Manometer
7. Pitote tube
8. Darcy's friction factor
9. Centrifugal & Reciprocal pump

#### C. Building Material Lab

1. Aggregate Impact value machine
2. Standard sieve set- Fine and Coarse
3. Pycnometer
4. Digital weighing machine
5. Measuring flask
6. Compression Testing Machine

## **MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

### **D. Geotechnical Engineering**

1. Digital Oven
2. Core cutter & Sand replacement apparatus
3. Liquid limit- Casagrande apparatus
4. Plastic limit apparatus
5. Standard Proctor apparatus
6. Modified proctor apparatus
7. Sieve Shaker
8. Constant head permeability apparatus
9. Direct Shear test apparatus
10. Triaxial testing machine

### **E. Concrete Technology**

1. Compaction Factor apparatus
2. Consistency of cement- Vicat apparatus
3. Sieve analysis- Coarse & Fine
4. Le- Chatelier apparatus
5. Abrasion test apparatus
6. Mortar vibrating machine
7. Cube- 150mm, 100mm & 75mm
8. Universal Testing Machine (Digital)- 600kN

### **F. Transportation Engineering**

1. Impact Testing machine
2. Abrasion test apparatus
3. Sieve analysis
4. California Bearing Ratio test
5. Ductility Testing Machine
6. Bitumen penetration test apparatus

## **➤ Mechanical Engineering Department**

### **A. MANUFACTURING TECHNOLOGY-I LAB**

HSS Tool bit  
HSS Tool bit  
MS Flat plate  
Welding rods

### **B. REFRIGERATION & AIR CONDITIONING LAB**

Flaring tool  
Brazing tool  
Pipe bender  
Pipe cutter  
Halide torch

### **C. ENGINEERING MECHANICS LAB**



## **MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

Triangle law of forces using vertical plane

Polygon law of forces using universal force table

Friction on sliding block over horizontal smooth surface

Pulleys

### **D. THERMAL ENGINEERING-I LAB**

Model of Impulse and Reaction Steam Turbine

Lancashire Boiler

### **E. THERMAL ENGINEERING-II LAB**

2-Stroke 1 cylinder Diesel Engine

Gas Turbine Model

### **F. FLUID MECHANICS & FLUID MACHINES LAB**

Bernoulli's Apparatus

Venturimeter/Orificemeter/Pitot Tube

Reynold's Apparatus

Impact of Jet Apparatus

Centrifugal Pump

Reciprocating Pump

### **G. THEORY OF MACHINES LAB**

4-bar chain mechanism

Double slider crank chain mechanism

Crank and Slotted lever quick return mechanism and Withworth quick return motion mechanism

Cam & Follower arrangements

Whirling of Shaft Demonstrator

### **H. COMPUTER NUMERICAL CONTROL LAB**

UNI-FRAES-3---UNIMAT 3 Axis Mill

Wax Material Cylindrical Job for UNIMAT CNC Lathe

MTAB XL MILL (3-Axis)

MTAB XL TURN (2-AXIS)

### **I. MANUFACTURING TECHNOLOGY II**

Planner M/c

Slotter M/c

Jigs & Fixture

Cylindrical Work Piece

Jute

HSS cutting tool

Rectangular Work piece

➤ **Chemical Engineering Department**

**A. Mechanical operation Lab**

- (i) Wilfley table
- (ii) Cyclone separator
- (iii) Plate and Frame filter press
- (iv) Froth floatation cell
- (v) Thickener
- (vi) Cone classifier
- (vii) Centrifugal pump test rig
- (viii) Gyrotory sieve shaker
- (ix) Ball mill

**B. Heat transfer Lab**

- (i) Shell and tube Heat exchanger
- (ii) Muffle furnace
- (iii) Thermal conductivity of Insulating powder
- (iv) Heat transfer through lagged pipe
- (v) Heat transfer from a Pin Fin
- (vi) Thermal conductivity of liquid
- (vii) Heat pipe demonstrator

**C. Mass transfer Lab**

- (i) Natural Draft Tray drier
- (ii) Single effect evaporator
- (iii) Bubble cap distillation column
- (iv) Computer controled- Simple batch distillation set up
- (v) Adsorption in packed bed
- (vi) Water distillation
- (vii) Solid in air diffusion

**D. Fluid flow Lab**

- (i) Bernoulli's apparatus
- (ii) Methods of flow measurement
- (iii) Reynold's apparatus
- (iv) Losses due to friction in pipe and fitting apparatus

## **MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**

### **E. Momentum transfer Lab**

- (i)Flow through fluidized bed
- (ii)Pressure drop through packed bed
- (iii)Flow through helical coil
- (iv)Drag coefficient apparatus
- (v)Liquid-liquid extraction in packed bed
- (vi)Solid-liquid extraction
- (vii)Standard tar Viscometer

### **F. Chemical reaction engineering Lab**

- (i)Isothermal Continuous stirred tank reactor
- (ii)Cascade Continuous stirred tank reactor
- (iii)RTD Continuous stirred tank reactor
- (iv)Isothermal Plug flow tubular reactor
- (v)RTD studies in Plug flow tubular reactor
- (vi)Isothermal batch reactor

### **G. Instrumentation Lab**

- (i)Control valve characteristics
- (ii)Characteristics of PID controller
- (iii)Measurement of level by capacitance method
- (iv)Calibration of thermocouple
- (v)Pressure control trainer
- (vi)Temperature control trainer

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### ➤ Workshop

1. Shaper Machine
2. Vertical Drilling Machine
3. Pedestal Grinding Machine
4. Hardness Testing Machine
5. Centre Lathe Machine
6. Milling Machine
7. Power saw Machine
8. Plasma Arc Cutting Machine
9. Soft saw Machine
10. Hand Drilling Machine
11. Surface Planer Machine

- ❖ List of Experimental Setup in each Laboratory/ Workshop
  - Available in the Institute's Website (Curriculum & Syllabus Menu)

### □ Computing Facilities

- ❖ Internet Bandwidth : Applied for Wi-fi connection
- ❖ Number and configuration of System : 30
- ❖ Total number of system connected by LAN : Nil
- ❖ Total number of system connected by WAN : Nil
- ❖ Major software packages available : Windows 10 Operating System  
: MS-OFFICE  
: AUTO-CAD
- ❖ Special purpose facilities available
- ❖ Innovation Cell : Not Available
- ❖ Social Media Cell : Not Available
- ❖ Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments : Not Applicable
- ❖ List of facilities available
- ❖ Games and Sports Facilities : Yes
- ❖ Extra-Curricular Activities : Yes
- ❖ Soft Skill Development Facilities : Not available

## MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA

### □ Teaching Learning Process

- ❖ Curricula and syllabus for each of the programmes as approved by the University
  - Available in the Institute's Website
- ❖ Academic Calendar of the University
  - Available in the Institute's Website
- ❖ Academic Time Table with the name of the Faculty members handling the Course
  - Available in the Institute's Website
- ❖ Teaching Load of each Faculty
  - Available in the Institute's Website
- ❖ Internal Continuous Evaluation System and place
  - Yes
- ❖ Student's assessment of Faculty, System in place
  - To be available Soon

### 8. Enrollment of students in the last 3 years

Year	Sl. No.	Name of the course	Enrollment
2019-2020	1	CIVIL ENGINEERING	58
	2	MECHANICAL ENGINEERING	62
	3	CHEMICAL ENGINEERING	52
2020-2021	1	CIVIL ENGINEERING	60
	2	MECHANICAL ENGINEERING	57
	3	CHEMICAL ENGINEERING	49
2021-2022	1	CIVIL ENGINEERING	61
	2	MECHANICAL ENGINEERING	61
	3	CHEMICAL ENGINEERING	60

### 9. List of Research Projects/ Consultancy Works

- ❖ Number of Projects carried out, funding agency, Grant received
  - Nil
- ❖ Publications (if any) out of research in last three years out of masters projects
  - Nil
- ❖ Industry Linkage
  - Nil
- ❖ MoUs with Industries (minimum 3)
  - 2

**10. LoA and subsequent EoA till the current Academic Year**

- Available in the Institute's Website

**11. Accounted audited statement for the last three years**

- Not Applicable

**12. Best Practices adopted, if any**

- Celebration of various National Day

**MANDATORY DISCLOSURES OF LAKHIMPUR POLYTECHNIC, BIHPURIA**