ANNEXURE 18: MANDATORY DISCLOSURE REPORT – ACADEMIC YEAR 2025–26

Institution: **Government Hydro Engineering College (GHEC), Bandla, Bilaspur, Himachal Pradesh – 174001**
Website: www.ghec.ac.in- Email: hecbilaspur@gmail.com
Phone: 01978-292326

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1. Name of the Institution

- **Name**: Government Hydro Engineering College, Bandla, Bilsapur H.P. 174001
- **Address**: Bandla, Bilaspur, Himachal Pradesh – 174001
- **Telephone**: 01978-292326
- **Mobile**: 9418459228
- **Email**: hecbilaspur@gmail.com

2. Name and Address of the Trust/Society

- **Name**: Not Applicable (Government Institution)
- **Address**: Department of Technical Education, Govt. of Himachal Pradesh
- **Trustees**: NIL

3. Name and Address of the Principal

- **Name**: **Prof. (Dr.) Umesh Chand Rathore**
- **Designation**: Director/Principal
- **Address**: Government Hydro Engineering College, Bandla, Bilaspur, Himachal Pradesh – 174001
- **Telephone**: 01978-292326
- **Mobile**: 9418459228
- **Email**: hecbilaspur@gmail.com

4. Name of the Affiliating University

- **University Name**: Himachal Pradesh Technical University (HPTU), Hamirpur – 177001

5. Governance

Committee/Cell	Established	Description
Organizational Chart	Yes	Displayed on college dashboard and website
Grievance Redressal Mechanism	Yes	Faculty/students can submit online; reviewed weekly
Anti-Ragging Committee	Yes	Includes faculty, admin and local police representative
Online Grievance Redressal	Yes	Functional via website portal
Internal Complaint Committee (IC)	Yes	Gender-related complaints redressal
Committee for SC/ST	Yes	Periodic meetings for welfare and support activities
Internal Quality Assurance Cell (IQAC)	Yes	Conducts academic audits and reports to Principal
Equal Opportunity Cell	Yes	Promotes inclusiveness among all students

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 623 Dated: 16-12-2025

OFFICE ORDER

A committee of following members is hereby constituted as Anti- Ragging committee for the session 2025-26 with immediate effect as per the AICTE norms and instruction/recommendation of Dr. R.K Raghwan committee.

Sr. No.	Name and Designation	Responsibility	Contact No.
1	Prof. (Dr.) Umesh C. Rathore ,DCP	Chairman	9418459228
2	Dr. Mahesh Kumar Assoc. Prof. CE	Member	9418532792
3	Dr. Shashi Gurung, Assoc. Prof. CSE	Member	9882347597
4	Dr. Sunita Kumari, AP, AS&H	Member	9418164965
5	Dr. Desh Raj, Assoc. Prof. Physics	Member	7018242020
6	Ms. Aditi Sharma, AP EE	Member	9625364701
7	Mr. Aman Luthra Suptd. Office G1	Member	9816003447
8	ACFA	Member	9418102381
9	Smt. Kusum Lata, Sr. Assistant	Member	9882424678
10	DSP Bilaspur	Member (External)	7650950407
11	SHO Bilaspur	Member (External)	7650950407
12	Panchyat Pardhan Bandla	Member (External)	8263068600
13	Vipin Kumar, Kamdhenu Hitkari Munch (NGO representative)	Member (External)	8219900510
14	Pritam Singh(representative of parents)	Member (External)	9015002706
15	All CR'S of 3rd ,5th ,7th	Student Representative	9805141079

The above committee members will take necessary steps to check the evils of ragging and recommend the disciplinary actions (s) to taken against the students including in ragging activities

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Endst. No. GHEC/BLP/Anti Ragging/ 4696-4705 Dated- 16-12-2025

Copy to-

1. The Deputy Commissioner, District Bilaspur (HP) for kind information please.
2. The Superintendent of Police, Distric Bilaspur for information please.
3. The Director, Technical Education, Vocational & Industrial Training Sundernagar Mandi H.P for information please.
4. The Sub Divisional Officar (Civil), Bilaspur for kind information please.
5. The Deputy Superintendent of Police, Bilaspur for information please.
6. The S.H.O Thana Sadar Bilaspur H.P. for information please.
7. All the above named committee members by name for information please.
8. Circulate the same amongst the faculty under their control and students also.
9. OIC Computer Department with the direction to upload the above order on the institution website.
10. Student notice Board.

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmaii.com

No: 287 Dated: 8/7/25

Office Order

In order to look into Issues of menace of ragging and to comply with the order of Hon'ble Supreme Court order dated 8th May 2009, the anti-ragging squad is hereby constituted. The following are the members of anti-ragging squad.

Sr. No.	Name and Designation		Contact No.
1	Mr. Vinay Sharma, AP Maths (AS&H)	Coordinator	70182-43395
2	Dr. Shashi Gurung, AP (CSE)	Member	98823-47597
3	Dr. Sita ram Bhardwaj, AP (EE)	Member	98162-18445
4	Dr. Anshul Sud, AP (CE)	Member	9418586939
5	Dr. Abhishek Dhiman, AP (Chemistry)	Member	9418584419
6	Er. Nitish Verma AP, (EE)	Member	94181-62862
7	Dr. Sunita Thakur, Assoc. Prof. (Mathematics)	Member	9418164965
8	Ms. Aditi Sharma, AP (EE)	Member	96253-64701
9	Mr. Rakesh, DEO	Member	82190-85675
10	Mr. Jagdish Kumar, LA	Member	98169-10376

Anti Ragging Squad will work under the overall guidance of Anti ragging Committee. Anti ragging squad is empowered to make surprise visit, raids and inspect the place of potential spots and maintain the record of their visit, raids and inspect the place.

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Endst. No. GHEC/BLP/Anti Ragging/ 2367 – 2368 Dated- 8/7/25

Copy to-

1. Circulation amongst the above members for information.
2. Notice Board/ Institution website.

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 633

Dated: 20-12-25

Office Order

The student grievance redressal committee comprising of the following is hereby constituted to monitor and respond to the student's grievance and Online Cast Based Discrimination complaint lodged on the portal.

Sr. No.	Name and Designation	Responsibility	Contact No.	Email ID
1	Prof. (Dr.) Umesh C. Rathore ,DCP	Chairperson	9418459228	rathore7umesh@gmail.com
2	Dr. Shashi Gurung, Assoc. Prof. CSE	Member	9882347597	GURUNGSHASHI68@gmail.com
3	Dr. Sunita Kumari , Asso Prof AS&H	Member	9418164965	Dr.sunita79thakur@gmail.com
4	Sh. Pankaj Chauhan, AP CE	Member	8219505019	pankaj73309@gmail.com
5	Dr. Sita Ram, AP EE	Member	7018371339	srbhrdj@gmail.com

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Esdst. No Endst. No. GHEC/BLP/Anti Ragging/ 4813-4815 Dated:- 20-12-2025.

Copy to:-

1. OIC Academics for information.
2. Circulation among the above members for information and compliance.
3. Notice Board/Institution website.

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 620 Dated: 16/12/23

Office Order

This internal Complaint Committee comprising of the following is hereby constituted for the prohibition of Sexual Harassment of Women Employees and Students in the institution.

Sr. No.	Name and Designation	Responsibility	Contact No.	Email ID's
1	Dr. Sunita Kumari , AP AS&H	Chairperson	9418164965	Dr.sunita79thakur@gmail.com
2	Ms. Aditi Sharma, AP EE	Member	9625364701	aditisharma.ghec@gmail.com
3	Sh. Pankaj Chauhan, AP CE	Member	8219505019	pankaj73309@gmail.com
4	Smt. Kusum Lata , Sr. Assistant	Member	9882424678	Kusumhmr88@gmail.com
5	Ms. Srishiti CE-7th Sem	Student Representativ	9418365917	Srishitisharma9418@gmail.com
6	Ms. Shivani CE-7th	Student Representativ	9205660813	Shivani007dhiman@gmail.com

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Esdst. No. GHEC/BLP/Faculty/21/- 4686 - 4689 Dated:- 16/12/23

Copy to:-

1. OIC Academics for information.
2. Circulation among the above members for information and compliance.
3. Notice Board/Institution website.
4. All Concerned

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 619 Dated: 16/12/25

OFFICE ORDER

The following faculty members of this institution are hereby appointed as the student counsellors with immediate effect.

Sr. No	Name of the faculty.	Class Incharge.
1	Dr. Abhishek Dhiman. AP AS&H	1st Year (Civil Engineering)
2	Sh. Ankush Banyal, AP, AS&H	1st Year (Electrical Engineering)
3	Sh. Vinay Sharma, AP ,AS&H	1st Year CSE (AI&DS) Engineering)
4	Sh. Samil Ahmad, AP CE	2nd Year (Civil Engineering)
5	Sh. Manik Dogra, AP, EE	2nd Year (Electrical Engineering)
6	Sh. Ravi Kumar, AP CSE	2nd Year CSE (AI&DS) Engineering)
7	Sh. Pankaj Chauhan, AP CE	3rd Year (Civil Engineering)
8	Sh. Nitish Verma, AP EE	3rd Year (Electrical Engineering)
9	Dr. Shashi Gurung, Assoc. Prof. CSE	3rd Year (CSE (AI&DS) Engineering)
10	Sh. Nishant Singh Chandel, AP (CE)	4th Year (Civil Engineering)
11	Sh. Nikhil Sukhija, AP EE	4th Year (Electrical Engineering)

Director/Principal
Govt. Hydro Engg. College Bandla (Bilaspur)

Endst. No. GHEC/BLP/Academic/2023-VoI-IV-4685-85 Dated: 16/12/25

Copy to:-

1. OIC Academic for the information.
2. Circulation amongst the above members for the information & compliance.
3. Notice Board.

Director/Principal
Govt. Hydro Engg. College Bandla (Bilaspur)

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 622 **Dated:** 16/12/25

Office Order

The committee of following faculty members is hereby constituted to ensure the welfare and interest of stakeholders belonging to SC/ST community.

Sr.No.	Name and Designation	Responsibility
1	Dr. Mahesh Kumar, Assoc. Prof. CE	Chairperson
2	Dr. Abhishek Dhiman. AP AS&H	Member Secretary
3	Sh. Ravi Kumar, AP CSE	Member
4	Sh. Ashish Kumar	Member
5	Ms. Srishiti CE-7th Sem	Student Representative

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Endst. No. GHEC/BLP/Student grievance/21/ 4693-95 Dated:- 16/12/25

Copy to:-

1. Website
2. Notice Board
3. All the above committees member

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Office of the Director-cum-Principal,
Govt. Hydro Engg. College Bandla (Bilaspur)
Phone No: 01978-292326, E-MAIL: hecbilaspur@gmail.com

No: 621 Dated: 16/12/25

Office Order

In order to strengthen the student placement and facilitate their industrial training, the institution-industry interaction cell of the following faculty member is hereby constituted.

Sr. No	Name of Faculty	Contact No
1	Mr. Nishant Singh Chandel, AP (CE)	9736383850
2	Sh. Nikhil Sukhija, AP EE	9729646661

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

Endst. No. GHEC/BLP/Student grievance 4690-92 Dated:- 16/12/25

Copy to:-

1. OIC Academics for information.
2. Circulation amongst the above members for information and compliance.
3. Notice Board/Institution website.

Director-cum-Principal
Govt. Hydro Engg. College Bandla, Bilaspur

OFFICE OF THE DIRECTOR-CUM-PRINCIPAL
GOVT. HYDRO ENGINEERING COLLEGE
BANDLA, DISTT. BILASPUR (H.P.)-174001
PH. 01978-292326 E-MAIL: hecbilaspur@gmail.com

No. 549 Dated: 02/6/25

OFFICE ORDER

In suppression to the office order no 459 dated 20/12/2024, the Internal Quality Assurance Cell (IQAC) consisting of following members is hereby constituted for the realization of the goals of quality enhancement in the institution.

Sr. No.	Name	Designation	Responsibility
1.	Prof. (Dr.) Umesh C. Rathore	Director-cum-Principal	Chairman
2.	Dr. Mahesh Kumar	Associate Prof. CED	Co-ordinator
	Dr. Desh Raj Thakur	Associate Prof. AS&H(Physics)	Member Secretary
3.	Dr. Shashi Gurang	Associate Prof. CSE	Member
4.	Dr. Sumita Kumari	Associate Prof. AS&H(Maths)	Member
5.	Mr. Vinay Sharma	Assistant Prof. AS&H(Maths)	Member
6.	Mr. Pankaj Gupta	ACFA	Member
7.	Mrs. Anjula Agarwal	Senior Manager(CSR)(NTPC)	Member
8.	Mr. Gursharan Singh	DGM (NHPC)	Member
9.	Dr. Madan	Representative of parents	Member
10.	All CRs	Student (B.Tech)	Member

Director cum Principal,
Govt. Hydro Engg. College, Bandla, Bilaspur
Distt. Bilaspur, Himachal Pradesh.

Endst. No. GHEC/BLP/IQAC/2024/ 2105 - 2107 Dated: 02/6/25

Copy to:-

1. Circulation among the above members for information and compliance.
2. Notice Board/Institution website.
3. Estt. for information please.

Director cum Principal,
Govt. Hydro Engg. College, Bandla, Bilaspur
Distt. Bilaspur, Himachal Pradesh.

18.6 Programmes.

I. Name of Programmes approved by AICTE

1. B.Tech. in Civil Engineering
2. B.Tech. in Electrical Engineering
3. B.Tech. in CSE (Artificial Intelligence & Data Science)
4. M. Tech in Electrical Engineering Electrical Vehicle Technology (EVT)

ii. Name of Programmes Accredited by NBA: NIL

iii. Status of Accreditation: **Not Accredited Yet**

iv. Total Number of Courses: **04**

v. Programme Details:

Programme	Intake	Duration	NBA Accreditation	Admission Through
B.Tech Civil Engineering	73+3 TFW= 76	4 Years	No	JEE/CET via HPTU Counseling
B.Tech Electrical Engineering	73+3 TFW= 76	4 Years	No	JEE/CET via HPTU Counseling
B.Tech CSE (AI & Data Science)	73+3 TFW= 76	4 Years	No	JEE/CET via HPTU Counseling
M.Tech	12	2 Years	No	via HPTU Counseling

18.7 Faculty.

Course /Branch	**Faculty**
Civil Engineering	6
Electrical Engineering	5
CSE	2
Applied Sciences & Humanities	6

ii. Permanent Faculty: 19

iii. Adjunct Faculty: NIL

iv. Faculty: Student Ratio: 1:42

18.8 Profile of Vice Chancellor /Director /Principal/Faculty.



Bio-Data

Personnel Detail:

Name	:	**Prof. (Dr.) Umesh Chand Rathore**
Employer	:	Department of Technical Education, Vocational & Industrial Training, Government of Himachal Pradesh, INDIA
Designation	:	**Director-cum-Principal**
		Govt. Hydro Engineering College Bandla, Bilaspur H.P. Pin 174001
		VPO Bandla Tehsil Sadar Distt Bilaspur.
Permanent Address	:	VPO Chandi, Tehsil & District Chamba (HP)-176312, INDIA

Date of Birth	:	07-01-1970	**Nationality**	:	Indian
Gender	:	Male	**Marital Status**	:	Married
PAN	:	AAPPR6275H	**Passport Number**	:	Y9064974
AADHAR	:	4437 6550 3199	**Employee Code**	:	10210

Total Work Experience: Total 30 Years & 4 months as on 31-07-2025 (25 Y, 7M in Teaching/administration and 4 Y, 9M in Industries)

Educational/Professional Qualifications:

1. **PhD (Electrical Engineering)** from Department of Electrical & Instrumentation Engineering at Sant Longowal Institute of Engineering & Technology (SLIET)-A Central

Government Deemed to be University, Longowal, District Sangrur, Punjab. Completed in 2017.

Thesis Title: ***"Design and Development of Voltage and Frequency Controller for Micro/Pico- Hydro Power Generation System."***

2. **Master of Engineering** from Department of Electrical Engineering (Specialization in Instrumentation & Control), NITTTR Chandigarh under Panjab University Chandigarh in 2009 securing 89.3% marks with University **Gold Medal**. Also a recipient of Dr. S.P. Luthra Memorial Gold Medal and Certificate of Merit Award conferred by NITTTR Chandigarh for best performance in Master of Engineering Program.

   The thesis title of M.E. is ***"Artificial Intelligence based Control of Small Hydro Power Plants"***

3. **B. Tech. Degree in Electrical Engineering** from Regional Engineering College (Now NIT) Hamirpur (HP) under H P University Shimla in 1994 securing 71.4% marks.
4. **3-years Diploma in Electrical Engineering** with honours securing 84.1% marks from Govt. Polytechnic Hamirpur (HP) under H. P. Takniki Shiksha Board in 1990.
5. **B. Sc.-I (Non-Medical)** from Govt. Degree College Hamirpur under HP University Shimla in 1987 securing 63.1 Marks.
6. **Matriculation** from HP Board of School Education in 1985 securing 77.38% marks

The details of Professional/Education qualification:

1. **PhD (Electrical Engineering)**

Name of Degree	**University/Institution**	**Department**	**Area of Research**	**Thesis Title**	**Year of Completion**
Doctor of Philosophy (PhD)	SLIET University Longowal Punjab -A Central Govt. Institute under MHRD	Electrical & Instrumentation Engineering	Hydro Power Plant Control	Design and Development of Voltage and Frequency Controller for Micro/Pico hydro Power Generation System	2017

2. **Master of Engineering (M.E.)**

Name of Degree	**University/ Institution**	**Department**	**Year of Pass**	**Marks Scored**	**Achievements/Awards**
Master of Engineering With specialization in	Panjab University Chandigarh/ Deptt. of	Electrical	2009	89.3% (2679 Marks out of 3000)	• First Division with Distinction • University Gold Medal for First Position in University

Instrumentation & Control (Gold Medalist)	Electrical Engg. NITTTR Chandigarh				• Institution Gold Medal for First Position • Dr. S.P. Luthra Gold Medal for achieving first position among all branches in the institution

3. **Bachelor of Technology (B. Tech) in Electrical Engineering**

Name of Degree	**University/ Institution**	**Department**	**Year of Pass**	**Marks Scored**	**Remarks**
B. Tech. in Electrical Engineering	H.P. University Shimla/ R.E.C (Now NIT) Hamirpur (HP)	Electrical	1994	71.38% (3034 Marks out of 4250)	First Division

4. Diploma in Electrical Engineering (With Hon's)

Name of Degree	**Board/ Institution**	**Department**	**Year of Pass**	**Marks Scored**	**Remarks**
Diploma in Electrical Engineering	H.P. Takniki Shiksha Board Dharamshala/ Govt. Polytechnic Hamirpur (HP)	Electrical	1990	84.7% (1694 Marks out of 2000)	First Division with Hon's

5. B. Sc.-I (Non-Medical)

Name of Degree	**University/ Institution**	**Subjects**	**Year of Pass**	**Marks Scored**	**Remarks**
B. Sc.-I (Non-Medical)	H.P. University Shimla/ Govt. Degree College Hamirpur (HP)	Physics, Chemistry, Math, English	1987	63.16% (379/600)	First Division

6. Matriculation (10^{th})

Name of Degree	**Board/ Institution**	**Subjects**	**Year of Pass**	**Marks Scored**	**Remarks**
Matriculation Exam	H.P. Board of School Education	English, math, Hindi, Social	1985	77.58 % (737/950)	First Division

	Dharamshala/ Govt. High School Sundla, District Chamba (HP)	Studies, Science (PCB), Urdu, Art			

Awards for Scholastic Achievements: The detail of awards for scholastic achievements during the academic career is as follow:

1. Recipient of **University Gold Medal** conferred by Panjab University Chandigarh, INDIA for securing first position with 89.3% marks in Master of Engineering in Instrumentation & Control program of the university in 2009.
2. Recipient of **Certificate of Merit** conferred by Panjab University Alumni Association Chandigarh, INDIA for securing first position with 89.3% marks in Master of Engineering in Instrumentation & Control program of the university in 2009.
3. Recipient of **Institution Gold Medal** conferred by NITTTR Chandigarh for securing first position in the batch in Master of Engineering in Instrumentation & Control program of the institution in 2009.
4. Recipient of **Dr. S.P. Luthra Gold Medal Award** conferred by NITTTR Chandigarh for securing first position in Master of Engineering programs among all the engineering disciplines of the institution for the year 2009.

Working Experience: Total 30 Years as on 31-03-2025 (25 Y, 3M in Teaching/administration and 4 Y, 9M in Industries) in reverse chronological order:

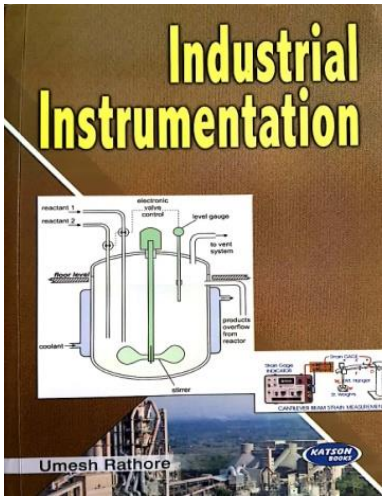
1. **27-12-1999 to till date**: Joined the Department of Technical Education, Vocational & Industrial Training Government of Himachal Pradesh on regular basis on 27-12-1999 as Lecturer (Electrical) on the recommendations of Himachal Pradesh Public Service Commission after qualifying the test and interview. Promoted to Senior Lecturer in June 2012 and Head of Department in February 2015. In September, 2019 selected as Professor (Electrical Engineering) through Himachal Pradesh Public Service Commission and joined as Professor in the Department of Electrical Engineering at Govt. Hydro Engineering College Bandla (Bilaspur) on 01-10-2019 after submitting technical resignation in the previous institution served under the same Department of Technical Education, Vocational & Industrial Training Government of Himachal Pradesh. On 08-02-2023 joined as **Director-cum-Principal** at Atal Bihari Vajpayee Govt. Institute of Engineering & Technology (ABVGIET) Pragatinagar, Shimla under Technical Education Department after recommendation from HPPSC Shimla. Apart from teaching during the last 24 years of serving in various Govt. institutions, also served at various capacities such as Training & Placement Officer, Hostel Warden, Dean (Academics), Store & Purchase officer and Sports Officer. Apart from these,

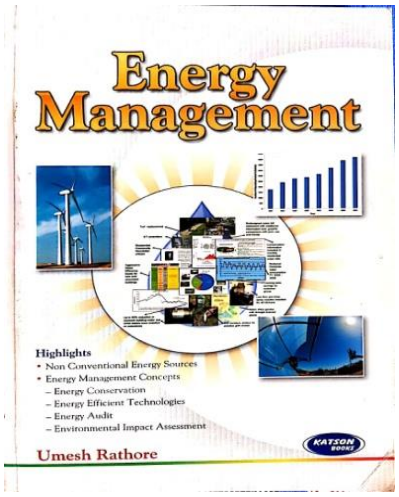
also performing various other administrative duties assigned to me in the institutions. Also set up various laboratories, workshops and carried out various projects and curriculum development activities. The latest one is the establishment of all the labs/workshops and other infrastructural requirements in newly establish Govt. Hydro Engineering College at Bandla, Bilaspur. During entire service in Govt. institutions till date, I have also handled many other administrative responsibilities assigned from time to time. Also associated with many Universities, HEIs, Public Service Commissions, and various Industries and organizations for various academic, research and other administrative activities. Presently looking after the complete administrative related activities as Director-cum-Principal at ABVGIET Pragatinagar, Shimla.

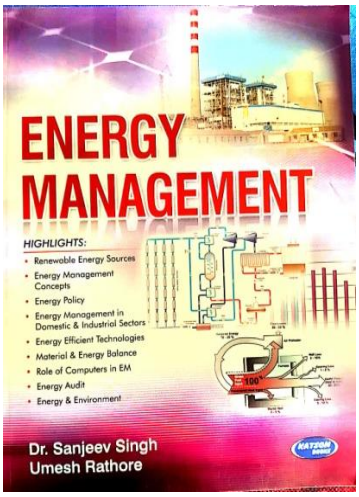
2. **November 1995 to December 1999:** Worked as Electrical Engineer in Hindustan Lever Limited (Hindustan Unilever Limited) which is a leading multinational company. There I handled installation, operation and maintenance of electrical & instrumentation system in the process industry. Apart from this various projects of process automation systems incorporating DCS & SCADA were also carried out and successfully completed. Also served as safety officer (additional charge) for maintaining the safety, health & environment system in a process industry as per the guidelines & norms of international standards related to safety, health & environment system.
3. **July 1994 to March 1995:** Worked as Management Trainee in Associated Cement Company Limited which is leading cement manufacturing company in India. On the job training done related to operation and maintenance of electrical & instrumentation installations in cement manufacturing unit.

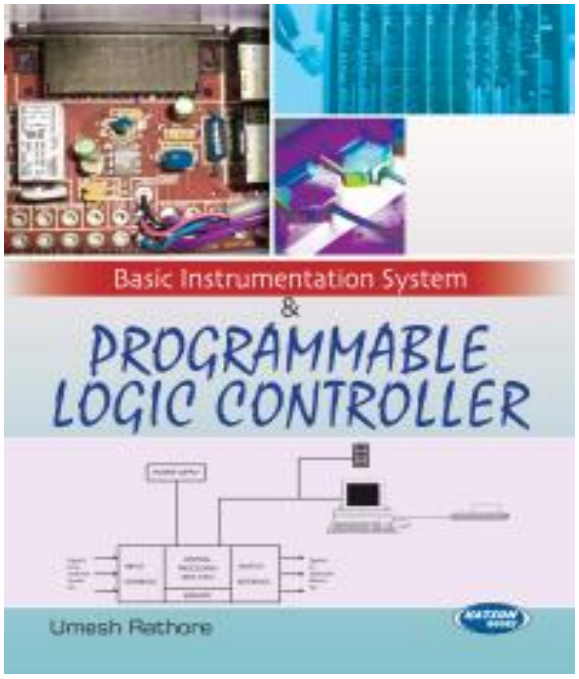
Books Published: Authored following six books published by M/S KATSON Publication New Delhi related to engineering as per the curriculum demand of diploma, under graduate and post graduate courses of various technical education boards & professional universities in India:

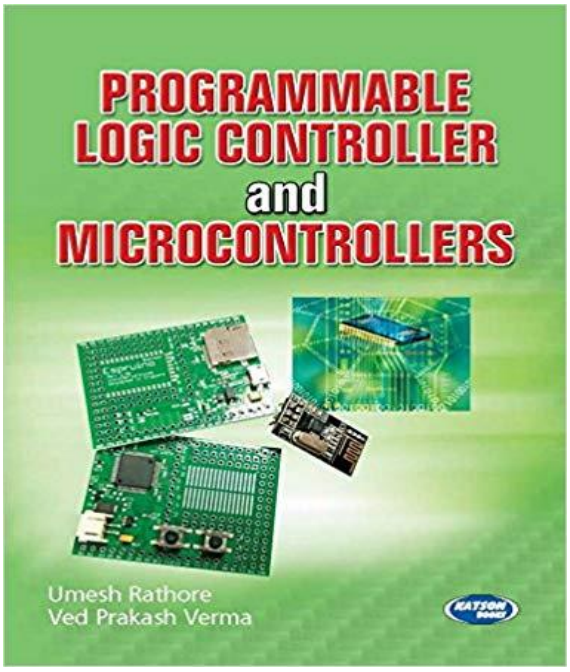
1. **Industrial Instrumentation** (First Edition in 2009, 2nd Revised Edition in August 2014)
2. **Basic Instrumentation System & Programmable Logic Controller** (First Edition in 2010)
3. **Energy Management** (First Edition in 2011, 2nd Revised Edition in January 2014)
4. **Programmable Logic Controller & Microcontrollers** (First Edition October, 2015)
5. **Energy Management** (New edition, 2016-as Co-Author)
6. **A Text Book of Electrical Workshop Practices** (First Edition published in July 2019)
7. **A Text Book on Energy Science & Engineering** (First edition published in June 2022)

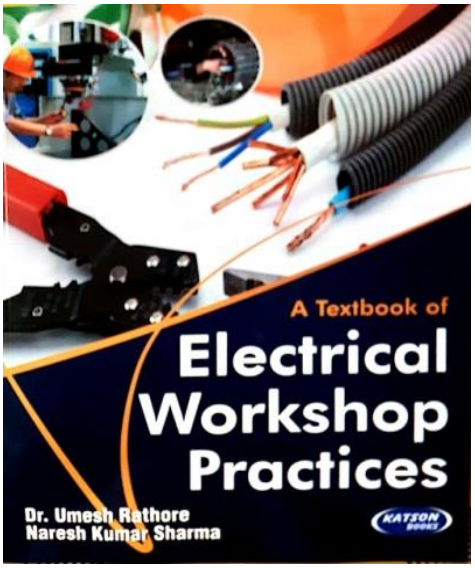

Industrial
Instrumentation
Umesh Rathore

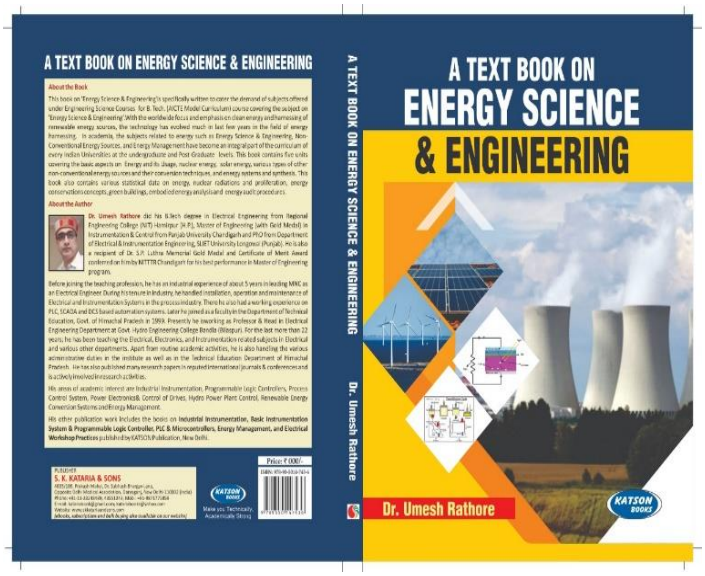

Energy
Management
Highlights
• Non Conventional Energy Sources
• Energy Management Concepts
– Energy Conservation
– Energy Efficient Technologies
– Energy Audit
– Environmental Impact Assessment
Umesh Rathore


ENERGY
MANAGEMENT
HIGHLIGHTS:
• Renewable Energy Sources
• Energy Management Concepts
• Energy Policy
• Energy Management in Domestic & Industrial Sectors
• Energy Efficient Technologies
• Material & Energy Balance
• Role of Computers in EM
• Energy Audit
• Energy & Environment
Dr. Sanjeev Singh
Umesh Rathore


Basic Instrumentation System
&
PROGRAMMABLE
LOGIC CONTROLLER
Umesh Rathore


PROGRAMMABLE
LOGIC CONTROLLER
and
MICROCONTROLLERS
Umesh Rathore
Ved Prakash Verma


A Textbook of
Electrical
Workshop
Practices
Dr. Umesh Rathore
Naresh Kumar Sharma


A TEXT BOOK ON ENERGY SCIENCE & ENGINEERING
About the Book
About the Author
A TEXT BOOK ON ENERGY SCIENCE & ENGINEERING
Dr. Umesh Rathore
A TEXT BOOK ON
ENERGY SCIENCE
& ENGINEERING
Dr. Umesh Rathore

Research Papers Published: The detail of research papers published and presented till date is as follows:

[1] **U. C. Rathore** and S. Singh, "Performance evaluation of 3-phase self-excited induction generator for remote mountainous region of Himalayas," in *Proc. IEEE International Conference on Control, Instrumentation, Energy & Communication (CIEC),* Jan. 2014, University of Calcutta, India, pp. 421-425.

[2] **U. C. Rathore** and Sanjeev Singh, "Isolated 3-phase self-excited induction generator in pico-hydro power plant using water pump load in mountainous region of Himalayas," in *Proc. 2014 IEEE Global Humanitarian Technology Conference - South Asia Satellite (GHTC-SAS),* 2014, pp. 40-44.

[3] **U.C. Rathore** and S. Singh, "Power quality control of SEIG based isolated pico-hydro power plant feeding non-linear load," in *Proc. IEEE 2014 India International Conference on Power Electronics*; 8-10 Dec. 2014; Kurukshetra, India, pp. 1-5.

[4] **U. C. Rathore**, Sachin Singh and S. Singh, "Virtual experimentation for enhancing conceptual understanding and innovation in electrical engineering," in *Proc. IEEE International Conference on MOOC, Innovation & Technology in Education (MITE),* Dec. 2014, TU Patiala, Punjab, India, pp. 142-147.

[5] **U. C. Rathore**, V. P. Verma, and V. Kashyap, "Feasibility Study of Hybrid Power Generation using Renewable Energy Resources in Tribal Mountainous Region of Himachal Pradesh" in *Proc. 3rd International Conference on Advancements in Engineering & Technology (ICAET-2015),* March 2015, Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, pp. 1-5.

[6] **U.C. Rathore** and Sanjeev Singh, "Experimental Evaluation of Performance of Constant Power Prime-Mover Driven Isolated 3-φ SEIG for Pico-Hydro Power Generation System in Remote Mountainous Region of Himalayas" in *Proc. 4th International Conference on Advancements in Engineering & Technology (ICAET-2016), March 2016,* Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, pp. 1-5. (MATEC Web of Conferences, vol. 57, 2016).

[7] **U.C. Rathore** and S. Singh, "Simulated Performance Evaluation of SEIG with Electronic Load Controller used in Renewable Energy Conversion System" in *Proc. 7th IEEE India International Conference on Power Electronics (IICPE 2016),* Thapar University, Patiala, India on 17-19 November, 2016, pp 1-6.

[8] **U.C. Rathore** and S. Singh, "Designing of Electronic Load Controller for 3-φ SEIG used in Constant Power Prime-Mover Driven Pico/Micro Hydro Power Generation System" in *Proc. IEEE 7th Power India International Conference 2016 (PICON 2016),* Govt. Engineering College Bikaner, Rajasthan, India, November 25-27, 2016, pp 1-6.

[9] **U. C. Rathore** and S. Singh, "Control Topologies for 3-Phase SEIG used in Small Hydro Power Plant Feeding Isolated Domestic Load in Remote Mountainous Region," in *Proc. 5th International*

Conference on Advancements in Engineering & Technology (ICAET-2017), Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, March'17, pp. 1-5.

[10] **U. C. Rathore**, and S. Singh, "Anti-windup control of 3-phase self-excited induction generator feeding isolated load," *International Journal of Electronics, Electrical and Computational System (IJEECS),* ISSN 2348-117X , Volume 6, Issue 5, May 2017, pp. 361-369.

[11] V. P. Verma, R. Thakur, and **U. C. Rathore**, "Modeling, Simulation and Analysis of Doubly-Fed Induction Generator in Wind Energy Conversion System," *International Journal of Electronics, Electrical and Computational System (IJEECS),* ISSN 2348-117X , Volume 6, Issue 5, May 2017, pp. 351-360.

[12] V. P. Verma, R. Thakur, and **U. C. Rathore**, "Wind energy scenario, policies and energy conversion topologies: an overview," *International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS),* ISSN 2349-4476 , Volume 5, Issue 5, May 2017, pp. 734-744.

[13] **U.C. Rathore** and S. Singh, "Electronic Load Controllers for 3-Phase SEIG used in Micro/Pico Hydro Power Generation Systems Feeding Isolated Load: A Review" *Ciencia e Tecnica Vitivinicola Journal* (ISSN: 0254-0223- SCI), vol. 32, no. 6, pp. 2-31, June, 2017.

[14] **U. C. Rathore** and S. Singh, "Experimental evaluation of isolated 3-phase self-excited induction generator with anti-windup control," *International Journal of Electronics, Electrical and Computational System (IJEECS),* ISSN 2348-117X , Volume 6, Issue 6, May 2017, pp. 134-148.

[15] **U. C. Rathore** and S. Singh, "Experimental evaluation of harmonics mitigation transformers for power quality control in 3-phase SEIG feeding isolated domestic load," *International Journal of Electrical Engineering (IJEE)-The Chinese Institute of Electrical Engineering,* ISSN: 1812-3021, Volume 24, No. 6, August, 2017, pp. 245-254.

[16] V. P. Verma, V. Verma, and **U. C. Rathore**, "An Overview of Small Hydro Power Generation Scenario in India," *International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering,* vol. 5. Issue 10, pp. 47-54, October, 2017.

[17] **U. C. Rathore** and S. Singh, "Induction Generator Types & Their Use in Renewable Energy Conversion Systems," in *Proc. 6th International Conference on Advancements in Engineering & Technology (ICAET-2018),* Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, Feb. 23-24, 2018, pp. 1-5.

[18] **U. C. Rathore** and S. Singh, "Simulated Performance Comparison of SEIG and Synchronous Generator in Isolated Pico/Micro Hydro Power Generation Systems," in *Proc. 7th International Conference on Advancements in Engineering & Technology (ICAET-2019),* Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, March. 15-16, 2019, pp. 1-5.

[19] **U. C. Rathore** and S. Singh, "Transformers Topologies in Electronic Load Controllers used for 3-Phases SEIG in Pico-Hydro Power Generation Systems Feeding Isolated Load," in *Proc. 8th International Conference on Advancements in Engineering & Technology (ICAET-2020),* ISBN

No: 978-81-924893-5-3 Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, March. 20-21, 2020, pp. 601-606.

[20] **U. C. Rathore** and S. Singh, "Simulated Performance Evaluation of Electronic Load Controller used in Micro Hydro Power Plant using Synchronous Generator Feeding Isolated Load in Remote Mountainous Region of Himalayas," in *Proc. 9th International Conference on Advancements in Engineering & Technology (ICAET-2021)*, ISBN No. 978-81-924893-6-0, Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India, June 2021, pp. 44-49.

[21] Pradeep S. Thakur, K. Arora, and **Umesh C. Rathore**, "Role of Non-Conventional Energy Resources in Today's Environment" in *Smart Electrical Grid System: Design Principle, Modernization, and Techniques*, Vol. 1, Ch. 2, CRC Press (Taylor & Francis), Boca Raton, USA, 2022. DOI https://doi.org/10.1201/9781003242277

[22] **Umesh C. Rathore**, S. Singh, Pradeep S. Thakur, and K. Arora, "Renewable Energy Sources and Small Hydro Power Scenario in Mountainous Regions of Himalayas" in *Smart Electrical Grid System: Design Principle, Modernization, and Techniques*, Vol. 1, Ch. 14, CRC Press (Taylor & Francis), Boca Raton, USA, 2022. DOI https://doi.org/10.1201/9781003242277

[23] **Umesh C. Rathore** and S. Singh, "Use of Induction Generators in Small Hydro Power Generation System feeding Isolated Load in Remote Mountainous Regions of Himalayas" in *"Renewable Energy - Recent Advances"*, IntechOpen London, UK, pp. 1-19, 2022, ISBN 978-1-80356-528-6.

[24] Sejal Raval, Himanshu R. Patel, Vipul Shah, **Umesh Rathore** and Paresh Kotak, " Fault-Tolerant Control Using Optimized Neurons in Feedforwarded Backpropagation Neural Network-For Uncertain Level Control System: A Metaheuristic Approach",

[25] Pradeep Singh, Krishan Arora, **Umesh C. Rathore**, ""Control Strategies for Improvement of Power Quality in Grid Connected Variable Speed WECS with DFIG – An Overview" in *Proc. 4th International Conference on Intelligent Circuits and Systems, Journal of Physics: Conference Series* **2327** (2022) 012008,IOP Publishing, pp. 1-15, 2022, DOI: 10.1088/1742-6596/2327/1/012008

[26] Himanshu R. Patel, Vipul Shah, Sejal Raval**,** Paresh Kotak, and **Umesh Rathore, "**Optimal Type-2 Fuzzy Controller Design Using Cuckoo Search and Flower Pollination Algorithms: A Fault-Tolerant Control Application Using Fuzzy Approach

[27] Pradeep Singh, Krishan Arora, **Umesh C. Rathore**, "Performance Evaluation of a Grid Connected Variable Speed 3-Phase Doubly Fed Induction Generator in Wind Energy Conversion System using Battery Energy Storage System" in *Proc. IEEE 10th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2022)*, Amity University UP-India, Oct. 2022.

[28] Pradeep Singh, Krishan Arora, **Umesh C. Rathore**, Eunmok Yang, Gyanendra Prasad Joshi and Kwang Chul Son "Performance Evaluation of Grid-Connected DFIG-Based WECS with Battery

Energy Storage System under Wind Alterations Using FOPID Controller for RSC", in *Journal of Mathematics* 2023, 11, 2100. https://doi.org/10.3390/math11092100, pp. 1-29.

[29] Pradeep S. Thakur, K. Arora, and **Umesh C. Rathore**, "Soft Computing Techniques for Renewable Energy Systems" in *Modern Computational Techniques for Engineering Applications*, First Edition, 2023, CRC Press (Taylor & Francis), Boca Raton, USA, 2023. eBook ISBN 9781003407409, pp. 1-26.

[30] Pradeep Singh, Krishan Arora, **Umesh C. Rathore**, Eunmok Yang, Gyanendra Prasad Joshi, Kwang Chul Son, "Performance Evaluation of Grid-Connected DFIG-Based WECS With Battery Energy Storage System under Wind Alterations Using FOPID Controller for RSC", *MDPI, Mathematics*, 11 (9), 2100, 2023, pp. 1-29.

[31] Pradeep Singh, Krishan Arora, **Umesh C. Rathore,** "Energy Storage System with Artificial Intelligence Techniques in Doubly Fed Induction Generator based Wind Energy Conversion System – An Overview", *5th International Conference on Intelligent Circuits and Systems (ICICS 2023)*, 2023, pp. 403-418.

[32] Pradeep Singh Thakur, Krishan Arora, **Umesh C. Rathore,** "Soft Computing Techniques for Renewable Energy Systems" Chapter-8, *Modern Computational Techniques for Engineering Applications,* CRC Press, Taylor and Francis Group, September 2023, pp. 107-132.

[33] Pradeep Singh, Krishan Arora, **Umesh C. Rathore,** "Novel Battery Energy Storage System", Application No. 202311077129A, DOFA: 11/11/2023, DOP: 05/01/2024, No. of pages-23, No. of Claims-7. (PATENT)

[34] Pradeep Singh, Krishan Arora, **Umesh C. Rathore**, Gyanendra Prasad Joshi, Woong Choo, "Comparative Study of controllers in battery energy storage system integrated with doubly-fed induction generator-based wind energy conversion system for power quality improvement", *Science Direct, Energy Reports, Elsevier,* Vol. 11, 2024, pp. 4587-4600.

[35]

PhD/M.E/M.Tech. Guided:

One PhD student guided (as Co-guide), one is currently under guidance for PhD. One M.E. student guided.

PhD Student details: Pradeep Singh Thakur, thesis titled **"MODELLING AND SIMULATED PERFORMANCE OF ADVANCED CONTROLLER FOR POWER QUALITY IMPROVEMENT IN DFIG BASED VARIABLE SPEED GRID CONNECTED WECS".**
Lovely Professional University Jalandhar. PhD completed in March, 2025.

Professional Achievements: The detail of professional achievements during the career is as follow:

1. Conducted and delivered the expert lectures on PLC (Programmable Logic Controller) during the 5-days STC on **Process Instrumentation** conducted by Department of Electrical Engineering, NITTTR Chandigarh at Govt. Millennium Polytechnic Chamba (HP) in March, 2010.
2. Delivered the expert lectures on PLC (Programmable Logic Controller) during the 5-days STC on **PLC Practices & its Applications** conducted by Department of Electrical Engineering, NITTTR Chandigarh at NITTTR Chandigarh from 7-11 March, 2016.
3. Selected as an expert and delivered the lectures on Industrial Installation for making video lectures at Educational Television Studio of NITTTR Chandigarh in February & March 2016. These video lectures were prepared by Electrical Engineering Department of NITTTR for technical schools in Nigeria as per the agreement between Nigerian Govt. and NITTTR Chandigarh.
4. Conducted and coordinated a 5-days STC on **"Embedded 'C' Programming on Microcontrollers"** organised by Department of Electrical Engineering, NITTTR Chandigarh at ABVGIET Pragatinagar from 01-05-2017 to 05-05-2017.
5. Performed the duties as member of interview panel as Department nominee at Himachal Pradesh Public service Commission, Shimla to select Assist Professors (Electrical), Lecturers (Electrical) in the Department of Technical Education, Govt. of Himachal Pradesh in August 2017, February, 2018 and August 2018.
6. Also reviewed various papers as reviewer in various IEEE international conferences in 2017 and 2018. Also reviewed many research papers in reputed International Journals.
7. Delivered Expert Lecture on "Control Requirements in Isolated Small Hydro Power Plants using Induction Generators" under TEQIP-III at TRAIET Tanda Sundernagar, District Mandi.
8. Conducted one day TEQIP-III Sponsored Symposium on "Engineering Challenges and Opportunities in Hydro Power Sector" in the institute on 04-03-2020.
9. Chaired one technical session in (organised online) in 8th International Conference on Advancements in Engineering & Technology (ICAET-2020), conducted by Bhai Gurdas Institute of Engineering & Technology Sangrur, Punjab, India,
10. Performed the duties as member of interview panel at Himachal Pradesh University Shimla to select Assist Professors (Electrical), in UIET of HPU in Nov. 2020.
11. Delivered expert lecture on "PLC" during STC (2nd to 6th March, 2020) at EIE Department of SLIET University Longowal on dated 5th March, 2020 at SLIET Longowal

12. Delivered expert lecture on “PLC” during STC (September, 2020) organised by EIE Department of SLIET University Longowal and NIT Srinagar Uttarakhand in online mode under TEQIP-III Program
13. Delivered expert lectures on Power Electronics, and Industrial Instrumentation to M.E. students of EED at NITTTR Chandigarh in online mode in December, 2020and January, 2021.
14. Reviewed many research papers as reviewer for reputed international journals & conference such as IEEE, Taylor & Francis, IES etc.
15. Evaluated three PhD thesis as on today.
16. Also having the Additional Charge of Director-cum-Principal at Govt. Hydro Engineering College Bandla, Bilaspur (HP) since 30-05-2025.
17. Also having charge of Chairman Board of Studies (UG & PG Courses) at Himachal Pradesh Technical University since June 2025.

Training & Short Term Courses Details: Apart from professional qualifications, various training and short term courses were also attended during the last 19 years of teaching and 5 years of industrial career. The detail of these training programs and short term courses attended is as follows:

1. Two weeks **Induction Program** for management trainees at research & consultancy directorate of Associated Cement Company Limited at Thane, Maharashtra in July 1995.
2. One month **Induction Training Program** related to installation, operation & maintenance of equipments in cement manufacturing process at ACC Limited Bhilai, Chhattisgarh.
3. One week **Electrical Engineering Workshop** at Hindustan Lever Limited (Now Hindustan Unilever Limited) training centre Mumbai in December 1995.
4. One week **Induction Course** at HLL training centre Mumbai in April 1996.
5. 4 days **Instrumentation Workshop** at Hindustan Lever Limited training centre Mumbai in December 1996.
6. One week training program on **Management of Hazardous Substances in Industries** at Regional Labour Institute (RLI) Kanpur in April 1997.
7. 4 days workshop on **Safety & Environment** at Hindustan Lever Limited training centre Mumbai in December 1997.
8. 4 days course on **Performance Management** at NTPC Noida organised by Hindustan Lever Limited in August 1998.
9. 4 days **Instrumentation Workshop** at HLL training centre Mumbai in December 1999.
10. Certificate Holder of Correspondence Education Course on **Production Management** from JMA (Japan Management Association) Management Centre in Collaboration with Federation of AOTS Alumni Association of India (FAAAI) in May 1998.

11. One week short term training program on **Power Electronics** conducted by Department of Electrical Engineering, TTTI (now NITTTR) Chandigarh in June 2001.
12. STC on **Latest Trends in Extra High Voltage Engineering** conducted by Department of Electrical Engineering, REC (Now NIT), Hamirpur in 2002.
13. Two weeks **Induction Program** for Teachers of Polytechnics conducted by Department of Education & Educational Management TTTI Chandigarh at Govt. Polytechnic College Hamirpur in October, 2003.
14. 4 days training program on **Computer Awareness** sponsored by NITTTR Chandigarh and conducted by Department of Computer Science, Govt Polytechnic Hamirpur in Dec., 2003.
15. One week short term training program on **Energy Management** conducted by Department of Electrical Engineering, NITTTR Chandigarh in January 2004.
16. 3 days training program on **Computer Hardware & Networking** sponsored by NITTTR Chandigarh and conducted by Department of Computer Science, Govt Polytechnic Hamirpur at Hamirpur in March, 2004.
17. One day program on **IPR Awareness** conducted by IPR Cell NIT Kurukshetra under TEQIP at NIT Hamirpur on May 6, 2006.
18. 3 days short term program on **Identification of New Polytechnics, Their Location & Courses in State under 1000 Polytechnics Proposal of Government of India** conducted by Media Centre of NITTTR Chandigarh in March 2009 at NITTTR Chandigarh.
19. One week short term training program on Concepts of **ANN & Fuzzy Logic** conducted by Department of Electronics & Communication Engineering, NITTTR Chandigarh in September, 2009.
20. One week short term training program on **Computer Applications in Electrical Engineering** conducted by Department of Electrical Engineering, NITTTR Chandigarh in October, 2009.
21. One week short term training program on **Process Instrumentation** conducted by Department of Electrical Engineering, NITTTR Chandigarh at Govt. Millennium Polytechnic Chamba (HP) in March, 2010.
22. One week TEQIP-II sponsored short term training program on **Renewable Energy Applications: Practices and Challenges** from 21-25 December, 2015 organised by Department of Electrical & Instrumentation Engineering, at Sant Longowal Institute of Engineering & Technology, Longowal, Punjab.
23. Attended one-day training program on “Industry 4.0” on dated13th Feb.,2020 at Marshall Machines, Manesar, Gurgaon
24. One-week training on Goods & services Tax attended at AJNIFM Faridabad from 11-09-2023 to 16-09-2023
25. HIPA Shimla & HIMCOSTE trainings/seminars attended in 2023-24 on Disaster Management at Shimla.

26.

Contact Details: Email id: rathore7umesh@gmail.com

Phone: 9418459228, 9816485228

I hereby declare that all the above said particulars given by me are true and correct to the best of my knowledge and belief and nothing has been concealed there in.

Dated: 31st July, 2025



(Dr. Umesh Chand Rathore)

Director-cum-Principal
Govt. Hydro Engineering College Bandla, Bilaspur H.P.

18.9-

- No of Fee Waivers granted with amount and name of students**. (NIL)**
- Number of scholarship offered by the institution, duration and amount **(NIL)**

18.10. Admission

Academic Year	Sanctioned Intake	Admitted Students	Reserved Category
2024–25	228	223	59
2023–24	228	214	54
2022–23	152	143	59

18.11. Admission Procedure

- **Entrance Exam**: JEE Main / HPTU CET
- **Admission Body**: HPTU, Hamirpur (www.himtu.ac.in)
- **Mode**: Centralized Online Counseling

18.12. Criteria and Weightage

- 100% Weightage to Entrance Exam Rank (JEE/CET) + Category reservation as per Govt. of HP norms
- Minimum Cut-off: As declared by HPTU each year

18.13. List of Applicants: NIL (Admissions through centralized HPTU Counseling)

1814. Management Quota Admissions: Not Applicable (Govt. College)

18.15. Information of Infrastructure and other Resources Available.

<table>
<tr><th colspan="2">Infrastructure</th><th>Details</th></tr>
<tr><td>I.</td><td>Classrooms</td><td>14 (Each ~72 sqm)</td></tr>
<tr><td>II.</td><td>Tutorial Rooms</td><td>4</td></tr>
<tr><td>III.</td><td>Laboratories</td><td>35 (Civil, Electrical, CSE, Science)</td></tr>
<tr><td>IV.</td><td>Computer Centre</td><td>
<table>
<tr><th>Sr. no.</th><th>Name of Item</th><th>Specfication</th><th>Qty</th></tr>
<tr><td>1</td><td>Computer All In One</td><td>i9</td><td>57</td></tr>
<tr><td>2</td><td>Computer All In One</td><td>i7</td><td>13</td></tr>
</table>
</td></tr>
<tr><td>V.</td><td>Central Examination Facility, Number of Room and capacity of each.</td><td>Yes .No of Rooms =12, Capacity =48 to 60 Capacity of each.</td></tr>
<tr><td>VI.</td><td>Online Examination Facility no of nodes, Internet band width ,etc.</td><td>Yes. 500 mbps.</td></tr>
<tr><td>VII.</td><td>Barrier free Built Environment for disabled and elderly person</td><td>A total of 13 lifts have been installed on the campus to facilitate easy movement. Ramp facilities have also been provided to ensure accessibility. In addition, accessible toilets are available on each floor of the main building and on the ground floor of both the boys' and girls' hostels to support the needs of all students, including persons with disabilities.</td></tr>
<tr><td>VIII.</td><td>Fire Safety & Barrier-Free</td><td>Compliant, Certified</td></tr>
</table>

Infrastructure		Details
IX.	Hostel	Available (Govt. Rented Facility)
X.	Library books /eBooks/titles/Journals	Total no of books-3155 (Volume), Total no of Titles of all books -487 , number of titles of reference books-162, number of technical books-2713, numbers of reference books -442
XI.	List of online National/International Journals subscribed	Yes.
XII.	National Digital Library (NDL) subscription details	**Journal Subscription:** The institution is registered on the **ONOS (One Nation One Subscription) portal** for accessing academic journals and research resources. The institution has also subscribed to the **National Digital Library (NDL)** to provide students and faculty with access to a wide range of digital academic resources.
XIII.	List of Major Equipment/Facilities in each Laboratory/Workshop	Annexure -A
XIV.	List of Experimental Setup in each Laboratory/Workshop	Annexure -B
XV.	Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/ PGDM Institutions and University Departments	The institution complies with the guidelines of the Academic Bank of Credits (ABC). All students are registered on the Academic Bank of Credits portal, and their ABC IDs have been created and linked with their academic records. All students are duly enrolled in the Academic Bank system.
XVI.	Innovation cell.	Yes -Annexure -C
XVII.	Game and Sports Facilities	1. **Sports**: Badminton court inside the premises /OAT 2. Volleyball court (under construction) 3. Table Tanis, Badminton, Chess, (Indoor game facilities)
XVIII.	Teaching Learning process	
XIX.	For each post graduate course give the following :	**M. Tech EVT**: (Electrical Vehicle Technology)in Electrical Engineering.
XX.	Title of the course	Electrical Vehicle Technology
XXI.	Laboratory facilities exclusive to the post Graduate course	Yes

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

1. CSE (AI&DS) List of Major Equipment/Facilities.

Equipment List in respect of CSE Department, GHEC, Bandla, H.P.

Computer Programming Lab (CSE LAB-205)

Sr.no.	Name of Item	Specfication	Qty	Indent Number	Stock Register No./Page No.	Remarks
1	Computer Desktop	Intel ® core ™ i7-7700 CPU @3.60GHz, RAM-16 GB , HDD- 1TB 64 bit OS Windows 10 Pro	1	2312	117/01	Acer Make
2	All in one Desktop	Intel ® core ™ i7-11700 CPU @2.50GHz, RAM- 8 GB , 11th Generation, Windows operating System	30	10559	117/01	Dell Make Optiplex 7490
3	Dongal	Wifi Based ,Black colour	1	2312	117/03	Jio Make
4	Tablet	XP pen, Digtal Graphic pen Tablet	1	10552	117/04	XP Make
5	Laptop	Intel i5,8GB RAM, 1 TB HDD ,with carry bag .	1	10551	117/06	Acer Make issued to mr. Ravi
6	Laptop	Intel i5,8GB RAM, 1 TB HDD ,with carry bag .	1	10555	117/06	Lenovo Make
7	Printer	Inktank Printer Black and white	1	2312	117/07	Epson Make
8	Printer	Monochrome A4 size paper print scan and copy	1	10554	117/07	Brother Make
9	UPS	600 VA	1	10551	117/11	Numaric Make
10	UPS	600VA	10	10559	117/11	Vertiv Make
11	Photocopier Machine	A3 Monochrome, Print Scan and copy Print Resoulation 600*600 dpi	1	10559	117/15	Canon Make image runner 2006N
12	Wifi Access point	4 Antennas, Wifi Ethernet Support	1	10559	117/19	Dlink
13	Switch	8 port	1	10559	117/16	D link Make

Signature of LAB Incharge

Computer Centre CSE

Sr.no.	Name of Item	Specfication	Qty	Indent Number	Stock Register No./Page No.	Remarks
1	Computer All In One	i9	57	12501	147/01	HP/HPElite One 800G6 27-AIO
2	Computer All In One	i7	13	12501	147/02	HP/HPPro One400 G624-AIO

Signature of LAB Incharge

CSE LAB-206

Sr.no.	Name of Item	Specfication	Qty	Indent Number	Stock Register No./Page No.	Remarks
1	Computer -All in one	Intel ® core ™ i7-11700 CPU @2.50GHz, RAM- 8 GB , 11th Generation, Windows operating System	10	12402	138	Dell Make Optiplex 7490, (01 issued to Ankush Banyal)
2	Computer All In One	i7	20	12407	138	HP/HPPro One400 G624-AIO

Signature of LAB Incharge

Computer Centre CSE						
Sr.no.	**Name of Item**	**Specfication**	**Qty**	**Indent Number**	**Stock Register No./Page No.**	**Remarks**
1	Computer All In One	i9	57	12501	147/01	HP/HPElite One 800G6 27-AIO
2	Computer All In One	i7	13	12501	147/02	HP/HPPro One400 G624-AIO

ICT facility in Class Rooms CSE							
Sr.no.	**Name of Item**	**Specfication**	**Qty**	**Indent Number**	**Stock Register No./Page No.**	**Model**	**Class Room**
1	Smart board		1	-	-	Crompton	220
2	Projector	Epson, with VGS and HDMI	1	-	-	Epson	326

[2] Civil Engineering Department List of Major Equipment/Facilities.

List of Machinery/Equipment of Surveying Lab, Civil Engineering Department

S. No	Name of Item/Equipment	Qty	Indent No.	NCR No./ Page No.	Item Code (GHEC/ES-LAB/-
1	Indent Book	01		112/01	2019/Indent Book-01
2	Arrows	20	0090844	112/02	-
3	Digital Autolevel	02	0090844	112/03	2019/DAL-01 to 02
4	Digital Theodolite	02	0090844	112/04	2019/DT-01 to 02
		04	11706		2023/DT-01 to 02
5	Dumpy Level	04	0090844	112/05	2019/DL-01 to 04
6	Prismatic Compass	04	0090844	112/06	2019/P.Comp-01 to 04
		03	11706		2023/P.Comp-05 to 07
7	Surveying Chain	02	0090844	112/07	-
		06	11706		
8	Surveying Compass	04	0090844	112/08	2019/S.Comp-01 to 04
		03	11706		2023/S.Comp-05 to 07
9	Surveying Staff	04	0090844	112/09	2019/S.Staff-01 to 04
		10	11706		2023/S.Comp-06 to 14
10	Surveying Tape	02	0090844	112/10	2019/S.Staff-01 to 02
		10	11706		2023/S.Comp-03to 10
11	Ranging Rod	12	0090844	112/11	2019/RR-01 to 12
		15	11706		2023/RR-13to 27
12	Vernier Theodolite	04	0090844	112/12-13	2019/VT-01 to 04
		03	11706		2023/RR-07 to 07
13	Almirah	02	11704	112/14	2023/Almirah-01 to 02
14	Cross Staff	03	11706	112/19-20	2023/C.Staff-01 to 03
15	Digital Planimeter	02	11706	112/21-22	2023/DP-01 to 02
16	Ghat Tracer	03	11706	112/23	2023/G.Tracer-01 to 03
17	Lab Office Chair (Visiting)	02	11704	112/15	VC-01 to 04
		02	11705		
18	Lab Office Table (Drawer +Side Table)	01	11705	112/16	2023/L. OT-01
19	Optical Square	03	11706	112/24-25	2023/O.Square-01 to 03
20	Plane Table (with accessory box)	10	11706	112/26-27	2023/P.Table-01 to 10
21	Pantograph	03	11706	112/28	2023/Pantograph-01 to 03
22	Revolving Chair (High Back)	01	11704	112/17	2023/RC-01
23	Sub Stock Registers	01	11703	112/13	SSR-NC-112
		01	11703		SSR-C-222
24	Stool	31	11705	112/18	2023/Stool- 01 to 31
25	Tangent Clinometer	03	11706	112/29	2023/T.C.meter-01 to 03
26	Umbrella	15	11706	112/30-31	2023/Umbrella-01 to 15
27	Working Bench Table for lab	01	11707	112/30-32	2024/WBT-01

10/03/2026

Dr Anshul Sud

Surveying Lab, Incharge

List of Machinery/Equipment of Fluid Mechanics Lab, Civil Engineering Department

S. No	Name of Item/Equipment	Qty	Indent No.	NCR No./ Page No.	Item Code (GHEC/FM-LAB/-
1	Laptop	01	11702	122/01	2020/LPTP-01
2	Printer	01	11701	122/02	2019/Printer-01
3	Desktop PC	01	0090803	122/03	2019/PC-01
4	Office Table with drawer	01	0090848	122/04	2019/OT-01
5	Executive Chair	01	0090848	122/05	2019/Ex.Chair-01
6	Visitor Chair	04	0090848	122/06	2019/VC-01 to 04
		02	10611		2023/VC-05 to 06
7	Almirah	03	10610	122/13	2023/Almirah-01 to 03
			10611		
8	Indent Book (10601-10650)	01	10601	122/10	2020/Indent Book-01
9	Lab Office Chair (Visiting)	02	10610	122/15	2023/L.O.C-01 to 02
10	Lab Office Table (Drawing Side Table)	01	10611	122/16	2023/L.OT-01
11	MS Office 2019 Professional	1 user	10602	122/08	-
12	MATLAB	1 user	10602	122/09	-
13	Revolving Chair (High Back)	01	10610	122/17	2023/RC-01
14	Sub-stock Registers	02	10601	122/12	SSR-NC-122
			10601		SSR-C-222
15	Writing Graphic Tab	01	10603	122/11	2020/G. Tab-01
16	Stools	31	10611	122/18	2023/Stool-01 to 31
17	Working Bench Table for lab	02	10614		2024/WBT-01 to 02

Anshul Sud 10/03/2026

Dr Anshul Sud

Fluid Mechanics Lab, Incharge

Concrete Technology & Building Materials Laboratory
Department: Civil Engineering
Institution: Govt. Hydro Engineering College, Bandla, Bilaspur (H.P.)

1. List of Major Equipment / Facilities available in the Laboratory

1. Compaction Factor Test Apparatus
2. Vee-Bee Consistometer (Vee-Bee Test Apparatus)
3. Flow Table
4. Permeability of Concrete Test Apparatus
5. Flexural Testing Machine
6. Compression Testing Machine (CTM)
7. Concrete Cube, Cylinder and Beam Moulds
8. Vicat Apparatus
9. Le Chatelier's Apparatus
10. Accelerated Curing Tank
11. Slump Test Apparatus
12. Rebound Hammer
13. Ultrasonic Pulse Velocity (UPV) Test Apparatus
14. Specific Gravity Apparatus
15. Bulk Density and Void Ratio Apparatus for Aggregates
16. Grain Size Distribution Test Apparatus (Sieve Analysis Set)
17. Sieve Shaker
18. Measuring Cylinders
19. Electronic Weighing Balance (200 kg, 50 kg and 10 kg capacity)

2. List of Experimental Setups available / installed in the Laboratory

1. Determination of Workability of Concrete by Compaction Factor Test
2. Determination of Workability of Concrete by Vee-Bee Consistometer Test
3. Determination of Workability of Concrete by Flow Table Test
4. Determination of Permeability of Concrete
5. Determination of Compressive Strength of Concrete Cubes using CTM
6. Determination of Flexural Strength of Concrete Beams
7. Determination of Initial and Final Setting Time of Cement using Vicat Apparatus
8. Determination of Soundness of Cement using Le Chatelier's Apparatus
9. Accelerated Curing Test of Concrete
10. Determination of Workability of Concrete by Slump Test
11. Determination of Compressive Strength of Concrete using Rebound Hammer (Non-Destructive Test)
12. Determination of Quality of Concrete using Ultrasonic Pulse Velocity Test
13. Determination of Specific Gravity of Aggregates
14. Determination of Bulk Density and Voids of Aggregates
15. Determination of Grain Size Distribution of Aggregates (Sieve Analysis)

Dr. Ankur Thakur
AP, CED
OIC CT LAB
11/03/2026

Transportation Engineering Laboratory
Department: Civil Engineering
Institution: Govt. Hydro Engineering College, Bandla, Bilaspur (H.P.)

1. List of Major Equipment / Facilities available in the Laboratory

1. Los Angeles Abrasion Testing Machine
2. Deval Abrasion Testing Machine
3. Aggregate Impact Value Testing Machine
4. Aggregate Crushing Value Apparatus
5. Specific Gravity and Water Absorption Test Apparatus
6. Flakiness Index Gauge
7. Elongation Index Gauge
8. Universal Penetrometer
9. Ductility Testing Machine
10. Ring and Ball Softening Point Apparatus
11. Cleveland Flash and Fire Point Apparatus
12. Benkelman Beam with Dial Gauge
13. Electronic Weighing Balance (200 kg, 50 kg and 10 kg capacity)

2. List of Experimental Setups available / installed in the Laboratory

1. Determination of Abrasion Value of Aggregates (Los Angeles Test)
2. Determination of Abrasion Value of Aggregates (Deval Test)
3. Determination of Aggregate Impact Value
4. Determination of Aggregate Crushing Value
5. Determination of Specific Gravity and Water Absorption of Aggregates
6. Determination of Flakiness Index of Aggregates
7. Determination of Elongation Index of Aggregates
8. Determination of Penetration Value of Bitumen
9. Determination of Ductility of Bitumen
10. Determination of Softening Point of Bitumen (Ring and Ball Test)
11. Determination of Flash and Fire Point of Bitumen
12. Pavement Deflection Measurement using Benkelman Beam

Samil Ahmed Poswal
AP, CED
GHEC Bandla

Departmental Computer Laboratory

Department: Civil Engineering

Institution: Govt. Hydro Engineering College, Bandla, Bilaspur (H.P.)

1. List of Major Equipment / Facilities available in the Laboratory

1. All-in-One Desktop Computers with Intel i7 Processor – 20 Nos.
2. High-Speed Internet Connectivity
3. LAN Networking Facility
4. Printer / Scanning Facility

2. List of Software / Experimental Setups available / installed in the Laboratory

1. AutoCAD (for drafting and design work)
2. QGIS (Open-source Geographic Information System software)
3. STAAD Pro (for structural analysis and design)

Er. Samil Ahmed

AP, CED

OIC CAD Lab

List of Major Equipment in Environmental Engineering Laboratory	
SN	Name of equipment
1	Digital Hot Air Oven
2	Double Distillation Unit
3	Precision Balance
4	DO/BOD Meter
5	BOD incubator
6	pH/EC/TDS and Temperature Meter
7	Digital Turbidity meter
8	Jar test apparatus
9	COD and Multiparameter Photometer.
10	C.O.D. Test Tube Heater
11	Autoclave
12	Laminar Flow apparatus
13	Digital Magnetic stirrer with Hot Plate
14	Digital Orbital Shaker
15	Laboratory thermometer

List of Experimental Setups in Environmental Engineering Laboratory	
SN	Name of experiment
1	To determine water pH, EC, TDS, Salinity, Resistivity
2	To determine turbidity of water sample
3	Preparation of distilled water
4	To determine BOD/COD of water sample

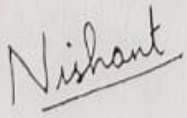
Lab incharge: Nishant Singh Chandel

Signature Nishant

List of Major Equipment in Engineering Geology and Rock Mechanics Laboratory	
SN	Name of equipment
1	Core Drilling Machine
2	Core cutting and Grinding machine
3	Polishing & Lapping machine
4	Rock Permeability Equipment
5	Uniaxial compression strength test equipment for rocks
6	Digital Point Load Index Tester
7	Digital Brazilian Test Apparatus
8	Rock shear strength testing machine
9	Slake durability test Apparatus
10	Rock Bolt Pull out Test Apparatus

List of Experimental Setups in Engineering Geology and Rock Mechanics Laboratory	
SN	Name of experiment
1	To determine Rock Permeability
2	To determine Uniaxial compression strength test of rocks
3	To determine Point Load Index of rocks
4	To determine tensile strength of rocks
5	To determine Rock shear strength (direct shear)
6	To determine Slake durability test of rocks
7	To determine bond strength or tensile capacity of Rock Bolts in tunnels

Lab incharge: Nishant Singh Chandel

Signature 

[3] Applied Science &Humanities Department List of Major Equipment/Facilities

Govt. Hydro Engineering College Bandla (Bilaspur)

Deptt. Of Applied Sciences & Humanities

List of Experimental setup available in Physics Lab

Dated: 10/03/2026

Sr. No.	Name of the Item	Quantity	Indent No.	Date of Indent	Remarks
1	Newton's Ring Experiment Kit	04	12203	17.01.2023	
2	Michelson Interferometer (with sodium light source)	04	12203	17.01.2023	
3	Diode Laser diffraction experiment (with Indian slits)	04	12203	17.01.2023	
4	Planck's Constant by CS Photocell	04	12203	17.01.2023	
5	Stefen's constant	04	12203	17.01.2023	
6	Optical Fibre Kit	04	12203	17.01.2023	
7	Sextant	04	12203	17.01.2023	
8	Hall Effect Experiment kit	04	12203	17.01.2023	
9	Four Probe Method Kit	05	12203	17.01.2023	
10	Study of B-H curve with deep	04	12203	17.01.2023	
11	De-Sauty Bridge	04	12203	17.01.2023	
12	E-M of Electron Thomson Tube	03	12203	17.01.2023	
13	Resistance box	06	12203	17.01.2023	
14	Ammeter	05	12203	17.01.2023	
15	Voltmeter	05	12203	17.01.2023	
16	Galvanometer	05	12203	17.01.2023	
17	Wire cutter	02	12203	17.01.2023	
18	Soldering iron	10	12203	17.01.2023	
19	Digital Multimeter	04	12203	17.01.2023	
20	Power supply	02	12203	17.01.2023	
21	CRO/DSO	02	12203	17.01.2023	
22	Stool for lab (H-30")	10	12204	15.03.2023	
23	Steel Almirah	01	12204	15.03.2023	
24	Register (Utilization register in Physics Lab)	01	12205	05.12.2023	

10/03/2026

Dr. Desh Raj Thakur
Associate Professor (Physics)
GHEC Bandla

Communication Lab

Sr. no	Quantity	Minor Specification	Name of eqipment/device/software	upgradation Required/Not	Working(W)	Not Working(NW)	Date of Purchase of Equipment	Cost(from indent or sub stock)	Remarks
1	20	hp i7	Desktop Computer	Yes	Working		13.3.2025	99000/-per unit	

[4] Electrical Engineering Department List of Major Equipment/Facilities

EE Dept

Electrical Engineering Department (Lab details)		
S No.	Name of Labs	Major Equipment in Lab
1	Electrical Machine Lab	Experimental Set up (of Dc Machine,Experimental Set up (of Dc Machine), DOL Starter Setup,Star Delta Starter Set Up, Ammeter , Voltmeter,Universal AC Machine Trainer,Universal DC machine trainer, Cut Section, Single Phase Capacitor Start Induction motor Training System, Three Phase squirrel Cage Induction motor training system,Three phase Slip Ring Induction motor training system, Three phase Synchronous motor training System, Voltage regulation of three phase Synchronous generator using EMF method, Voltage regulation of three phase synchronous Generator by Direct Loading method,Measurement of Xd and Xq of three phase synchronous Generator training system, Synchronization of three phase synchronous machine with main bus bar training system, Parallel operation of two 3- Phase synchronous machine training system,AC Starter training System, Universal Motor training System,PMDC Motor Training system, DC Shunt wound motor training System, DC Series wound motor Training System, DC Compound Wound motor Training system, DC Shunt motor shunt Generator Training System, DC Shunt Motor series Generator Training System, DC Shunt motor compound Generator training system, Three Phase Induction motor DC Shunt Generator training system, Three Phase Induction motor DC series Generator Training system, Three Phase Induction motor DC Compound Generator Training System, Hopkinson's Test of DC Shunt Machine training system, Field test of DC Shunt Machine Training System, DC Starter training system, Single phase Transformer Training System, Parallel operations of Two Single phase transformer training system, Sumpner's Test of Two Single phase transformer training system, Three phase Scott Connections Training system, Three phase Transformer Training System
3	Switchgear and protection	Multimeter Digital,Power Quality Analyzer(Harmonic Analyzer),Analog Voltmeters (AC and DC) Analog Ammeters (AC and DC), Analog Wattmeter, Digital Multimeter, Clamp-on Meters, To plot time-current characteristics of an IDMT relay, To plot time current characteristics of Electromagnetic type over-current relay, Study of the performance and operation of a three phase over-current and earth fault static relay, Symmetrical fault level analysis on a d.c.network analyser, Unsymmetrical fault level analysis on a d.c. network for various type of faults,To study transformer differential protection. To study the magnetization characteristics of C.T,To study the problems associated with C.T. magnetization, Performance and study of Merz-Price protection Scheme,MSO Multirange DC Regulated Power Supply,Function Generator,Wind Energy trainer,Hybrid Solar & Wind Energy Trainer,Hydro Turbine Energy Generator,CT Trainer,Solar array Simulator. Bidirectional Programmable DC Power Supply (6kW, 500V, 40A), LCR Meter
4	Microprocessor Lab	Experimental Trainer Board (Microprocessor)
5	Power Electronics Lab	Digital Multimeter,Display Boards, Experimental Trainer Board (Microprocessor),Bosch Plastic General Purpose tool kit,Experimental trainer Board(Power Electronics) ST2713,Experimental trainer Board(Power Electronics) ST2722, Experimental trainer Board(Power Electronics) ST2719
6	Linear Control Lab	N.V 3000A(ETB)control system lab trainer,Ammeter voltmeter,
7	Electrical Workshop	Precautionary chart for electric shocks, pvc wire roll(0.75mm,1mm,1.5mm, 2.5mm,4mm), screw(3.8,4.5), one way switch 6amp module,socket 6 amp module, one way switch 16amp module. Socket 16 amp module,HRC fuse,kit kat fuse(16A,32A), kit kat rewirable(porcelain fuse carrier &base), MCB 20 Amp double pole,MCB 06Amp single pole, two pole single phase 32A ELCB & RCCB, Litz wire, 4pole MCCB(32A), MCB box 4 way, Two Way switch 6A, PVC casing and capping(1.5inch and 0.8 inch),three modular plate & box, Six modular plate & box, Four modular plate & box, Eight modular plate & box, PVC board three modular plate and box, PVC board six modular plate,PVC board four modular plate,PVC board eight modular plate, one way switch 6A &16A, Socket 16Amp, Angle holder, Batten holder, Socket 6 Amp, hacksaw blade, pipe and plate earthing schemes using charts, Lithium ion 6v, 10000 mah, rechargeble 20 Amp battery,3 pin top,pvc board & sheets(8*10cm,7*4 cm), flexible pipe (1 inch, 1.5 inch) shaddle (1inch,1.5 inch), Mesonary bit 6mm, wooden screw(50mm &35mm), pvc tape role, 2pin plug, thimble(10mm &16mm),thimble(10mm &16mm), PVC gitti,wooden screw 2inch, GI wire 10swg, Fluroscent lamp 9 watt,rubber hand gloves for 33KV line, MKP,MPP,MXP High frequency capacitor(10uf 200V), Electric iron , Electric kettle, Electric fan (ceilling)
8	Digital Electronics lab	Verify truth table of AND, OR,NOT,NAND, NOR and XOR gates, implement half adder and full adder kitthruth table kit of RS and JK flip flop, And conversion JK flip flop to D & T type,use of 4 bit shift register and shift right operation , Implement mode-10 counter

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Power System & Energy Lab

SN	Name of Equipment/Item	Qty	NCR No./Page No	Indent No.	Store entry Ref.	Remarks
1	Laptop acer sr no.- UNVHJS1048J4787290	1	104/01	11353	MSR/G/26/86	
2	All in printer, HP ,Sr no.- CNJKM48189	1	104/02	11351	MSR--01/G/24/79	
3	Pen drive (64 GB)	1	104/03	11353	MSR/G/29/101	Transfer to Consumable list
4	Basic MAT LAB Software 2020 a	1	104/04	11535	MSR/G/28/96	
5	MS office Professional Plus-2019	1	104/04	11353	MSR/G/29/97	
6	XP- Pen dec 001 V2 Digital Graphics Drawing Pen tablet (DKEC7620634946)	1	104/05	11354	MSR/G/30/105 SSR/G/NC/1/121	Transfer to language lab
7	XP- Pen Dec 001 V2 Digital Graphic Drawing pen tablet SR no.(DKEC062791136 DA6)	1	104/05	11902	MSR/G/30/105 SSR/G/NC/1/121	
8	Headphone with Mic signal Pin logitech	1	104/06	11957	MSR/SWF/41/186 SSR/SWF/NC/1/26	Transfer to Consumable list
9	HDMI Cable 3mtr	1	104/06	11362	SSR/1P/01//C/1/305	
10	Extension Board "8 x10"	1	104/11	11354	MSR/1P/78/324	
11	DSO - RIGOL, Digital Storage Oscilloscope	1	104/21	11352	MSR/G/26/87	
12	Greeken Executive table 1500 x 750 x750	1	104/31	11357	MSR/G/31/110	
13	Lab office table (Drawer + side table)	1	104/31	11365	SSR/1P/NC/01/2/156	
14	Greeken Revolving chair arm push back GB 405 (GRC)	1	104/32	11357	MSR/G/31/111	
15	Revolving chiar maroon [CRC]	1	104/32	11357	MSR/G/7/32	
16	Table with 3 Drawer + side cabinet	1	104/32	11457	MSR/G/7/32	Transfer to Electric Machine Lab
17	Revolving chair high back	01	104/32	11363	MSR/1P/01/107/552.20	
18	Steel almirah	05	104/32	11363	MSR/1P/01/107/552.23	
19	Chair (back raw) conference hall visitor	02	104/32	11363	MSR/1P/01/108/552.29	
20	Revolving chair low back conference hall	02	104/32	11363	MSR/1P/01/108/552.28	
21	Revolving chair High back	01	104/32	11365	SSR/1P/NC/01/1/283	
22	Visitor chair	03	104/32	11365	SSR/1P/NC/01/2/194	
23	Stool for lab (H-30)	31	104/33	11365	SSR/1P/NC/01/3/129	
24	Multimeter Digital	01	104/46	11352	MSR/G/26/87	
25	Power Quality Analyzer(Harmonic Analyzer)	01	104/55	11367		
26	Ammeters	08	104/47	11364		

27	Voltmeters	03	104/48	11364		
28	Analog Voltmeters (AC and DC)	20	104/48	11367		
29	Analog Ammeters (AC and DC)	20	104/47	11367		
30	Analog Wattmeter	20	104/49	11367		
	Digital Multimeter	02	104/46	11367		
31	Clamp-on Meters	02	104/50	11367		
32	Pillar Heater Belco	01	104/51	11364		
33	To plot time-current characteristics of an IDMT relay.	02	104/52	11367		
34	To plot time current characteristics of Electromagnetic type over-current relay.	02	104/52	11367		
35	Study of the performance and operation of a three phase over-current and earth fault static relay	02	104/52	11367		
36	Symmetrical fault level analysis on a d.c.network analyzer.	02	104/53	11367		
37	Unsymmetrical fault level analysis on a d.c. network for various type of faults.	02	104/53	11367		
38	To study transformer differential protection.	02	104/53	11367		
39	To study the magnetization characteristics of C.T	02	104/54	11367		
40	To study the problems associated with C.T. magnetization	02	104/54	11367		
41	Performance and study of Merz-Price protection Scheme.	02	104/54	11367		
42	MSO	2	104/21	11367		
43	Multirange DC Regulated Power Supply	2	104/55	11367		
44	Function Generator	2	104/55	11368		
45	Wind Energy trainer	1	104/56	11368		
46	Hybrid Solar & Wind Energy Traine	1	104/56	11368		
47	Hydro Turbine Energy Generator	1	104/56	11368		
48	CT Trainer	1	104/57	11368		
49	Writing Board	1	104/57	11368		
50	Solar array Simulator: Bidirectional Programmable DC Power Supply (6kW, 500V, 40A)	1	104/57	11368		
51	LCR Meter	1	104/57	11368		
52	Working Benches Granite top for lab	02	104/34	11369	136/01/IP/123/01/01/nc	
53	Working Benche Table Wooden for lab	02	104/34	11369	IP/01/136/1p/NC/01/02/21	

Mr Nitish Verma

Assistant Professor(EED)

GOVERNMENT HYDRO ENGG. COLLEGE BANDLA (BILASPUR)
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Simulation lab

SN	Name of Equipment/Item	Qty	NCR No./Page No	Indent No	Remarks
1	Printer: Model: LaserJet M1136 MFP, HP Make	01	NCR-103/01	11403	
2	Sub Stock register (NCR-103)	01	NCR-103/07	11405	
3	Sub Stock Register (CR-203)	01	NCR-103/08	11405	
4	Visitor Chair (Black Methdox)	04	NCR-103/09	0090851	
5	Executive Chair (Black)	01	NCR-103/10	0090851	
6	Writing Table with Side Unit and Three Drawer (Complete Set)	01	NCR-103/12	-----	Transfer to SDr Sita Ram NCR- 135, Page No 118, EM Lab
7	Heat Pillar (Double rod)	01	NCR-103/14	90812	
8	Indent book (Pg no 11401-11450)	01	NCR-103/17	11401	
9	Head Phone (Logitech)	01	NCR-103/21	11407	
10	Revolving Chair (Red)	01	NCR-103/15	2313	
11	Extension Board (1, 6amp socket with 1.5mm 14 mt wire)	01	NCR-103/23	11409	
12	Steel Almirah	03	NCR-103/24	11412	
13	Revolving Chair (Low Back for conference Hall)	01	NCR-103/25	11412	
14	Chair (Back row for conference hall, visitor)	02	NCR-103/26	11412	
15	Office desk for dept/admin (Drawer+trolly)	01	NCR-103/27	11413	
16	Working Benche Table Wooden for lab	02	NCR-103/31	11414	
17	Steel Rack	01	NCR 103/80	11172	Transfer from OIC EE indent book and stock register
18	Computer Table	10	NCR-103/28	11415	
19	Computer Chair	20	NCR-103/29	11415	
20	Computer(i7)	20	NCR-103/30	11415	

Mr. Nitish Verma
Assiatant Professor (EED)

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Seminar Hall

SN	Name of Equipment/Item	Qty	NCR No./Page No	Indent No	Remarks
1	PA MIXER Amplifier SSB-120DP SSB -120D	01	SSR/IP/NC/01/280	0034901	
2	PA wall speaker ASX-32BT	04	SSR/IP/NC/01/280	0034901	
3	PA Microphone	02	SSR/IP/NC/01/280	0034901	
4	PA Gooseneck Mic Stand	02	SSR/IP/NC/01/280	0034901	
5	PA Wireless Microphone	01	SSR/IP/NC/01/280	0034901	
6	Box for Amplifier	01	SSR/IP/NC/01/280	0034901	
7	Electrical Cable 1.5mm	40mtr	SSR/IP/NC/01/280	0034901	
8	Cover For Cable 20*12	20mtr	SSR/IP/NC/01/280	0034901	
9	Chair with Side Plank	100	SSR/IP/NC/01/1/288	0034902	
10	Video Conference Camera	01	MSR/SWF/80/338 SSR/SWF/NC/01/01/41	0034903	
11	Microphone(Muse Speaker Phone)	01	MSR/SWF/80/338 SSR/SWF/NC/01/01/41	0034903	
12	Digital Podium	01	MSR/SWF/67/317 SSR/SWF/NC/01/01/44	0034903	
13	Register(Consumable)	01	MSR/G/01/36/39/ SSR/G/C/01/01/195	0034905	
14	Register(Non-Consumable)		MSR/G/01/361/G/ SSR/G/C/01/02/172	0034905	

Mr. Nitish Verma
Assiatant Professor (EED)

GOVERNMENT HYDRO ENGG. COLLEGE BANDLA (BILASPUR)
PH/FAX: 01978-292326, EMAIL-hecbilaspur@gmail.com

Project lab EED

SN	Name of Equipment/Item	Qty	NCR No./Page No	Indent No	Remarks
1	Sub Stock register (NCR-146)	01	NCR-146/02	002	
2	Sub Stock Register (CR-246)	01	NCR-146/01	002	
3	Working Benche Table Wooden for lab	02	NCR-146/03	002	
4	Electrical Working Bench	04	NCR-146/04	001	
5	Hydro Electrical Power generation training system	01	NCR-146/04	001	
6	High frequency AC/DC current Probe	01	NCR-146/04	001	

Mr. Nitish Verma
Assiatant Professor (EED)

List of equipments available in Labs

Basic Electrical and Electrnonics Engineering Lab

S.no	Name of Equipments	Quantity	Available/Not Available
1	Analog ammeters	20	Available
2	Analog voltmeters	20	do
3	Analog multimeter	03	do
4	Digital multimeter	03	do
5	Clamp on meter	02	do
6	Analog Wattmeter	10	do
7	Energymeter Single phase analog	02	do
8	Variac Single phase	02	do
9	Variac Three phase	02	do
10	Single phase Transformer	02	do
11	Power Supply	04	do
12	Function generator	04	do
13	LCR Q Meter	01	do
14	DSO	02	do
15	DSO MSO-1	02	do
16	Resistive Load-1	02	do
17	Resistive Load-2	01	do
18	Capacitive Load	01	do
19	Earth Tester	01	do
20	Meggar	01	do
21	Cut Section of machines	02	do
22	Static converter	01	do
23	Wiring Practice Board	01	do
24	Screw driver Set	01	do
25	Tool Kit	04	do
26	Drilling machine	01	do
27	Experimental Trainer Board-1	03	do
28	Experimental Trainer Board-2	03	do
29	Transformer (12-0-12)	02	do
30	Ammeter	08	do
31	Voltmeter	03	do
32	Trainer Module (NVIS 6000)	02	do
33	Scientic 2612 A Trainer module	02	do
34	Digital Multimeter	02	do
35	DSO- RIGOL	01	do
36	KCL/KVL Kit	04	do
37	Thevenin Theorem Kit	04	do
38	Series and Parallel kit	04	do

EMMI Lab

S.no	Name of Equipments	Quantity	Available/Not Available
1	Ammeter	08	Available
2	Voltmeter	03	do
3	Galvanometer	14	do
4	Kelvin Bridge (Double Bridge)	01	do
5	Maxwell Bridge	1	do

List of Experiments set up in Labs

Basic Electrical Engineering Lab

S.no	Name of Experiments	Available/Not Available
1	To Verify Kirchoff current and Kirchoffs Voltage Law	Available
2	To Study the V-I charaterstics of Incandescent Lamp	Not Available
3	Verification of Thevenins Theorem	do
4	Verification of Nortons Theorem	do
5	Verification of Superposition and Maximum Power Transfer Theorem	do
6	To study series LCR Circuit	do
7	To study parallel LCR Circuit	do
8	Power Consumption of Fluorescent Lamp	Not Available
9	Measurement of power and power factor by two wattmeter method	do
10	To perform short circuit test on single phase transformer and calculate the copper losses	do
11	To measure the single phase power in an AC circuit by 3 Ammeter method	Not Available
12	To measure the single phase power in an AC circuit by 3 Voltmeter method	Not Available

XV. Innovation cell. (Annexure -C)

Office of the Director cum Principal
Government Hydro Engineering College Bandla, Bilaspur
Distt. Bilaspur, Himachal Pradesh
PHONE: 01978-292326, E-MAIL: hecbilaspur@gmail.com

OFFICE ORDER

No...110..... Date:-...24/02/26...

The Institute Innovation Cell (IIC) is hereby constituted comprising of following officers/official(s) as follows:

1.	Sh. Vinay Sharma, Assistant Prof. Maths.	President
2.	Dr. Abhishek Dhiman, Asstt. Prof. Chemistry	Convenor
3.	Er. Manik Dogra, Assistant Prof. EE	Innovation Activity Coordinator
4.	Er. Ravi Kumar, Assistant Prof. CSE	Start-up Coordinator
5	Er. Nishant Singh Chandel, Asstt Prof. CE	Internship Coordinator
6.	Er. Nikhil, Asstt. Prof. EE	IPR Activity Coordinator
7.	Er. Samil Ahmed Poswal, Asstt. Prof. CE	Social Media Coordinator
8.	Smt. Kusum Lata, Sr. Asstt.	Member

The Institute Innovation Cell (IIC) shall conduct innovation related activities in this Institution and keep record of the same..

Prof.(Dr.) Umesh Chand Rathore
Director-cum-Principal
Govt. Hydro Engineering College, Bandla

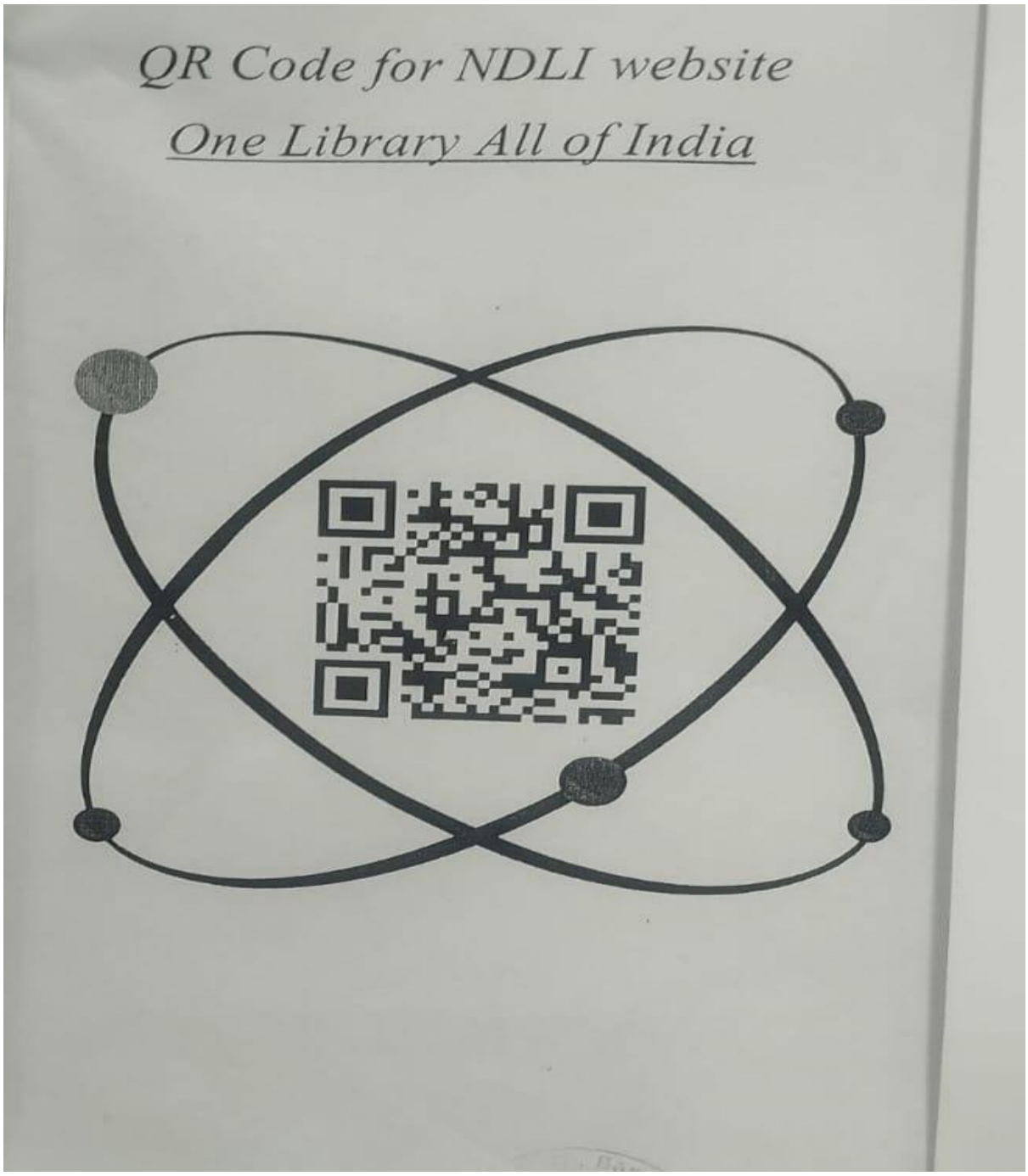
No:HEC/BLP/Estt/2025-702-05 Date: 24/02/26

Copy to:

1. Sh. Vinay Sharma, Assistant Prof, Maths (Internal) for information and necessary compliance.
2. Dr. Abhishek Dhiman, Asstt.Prof, Chemistry for information and necessary compliance.
3. The Store Officer (Internal) for information.
4. Supdt Gr.-I /PA to DcP for information.

Director cum Principal,
Govt. Hydro Engg. College, Bandla,
Distt. Bilaspur, Himachal Pradesh.

XII. National Digital Library (NDL) subscription details **Annexure -D**



Government Hydro Engineering College Bandla Bilaspur
Himachal Pradesh
PH./FAX 01798-232926, E-MAIL: hecbilaspur@gmail.com

Govt. Hydro Engineering College
Diary No. 857
Date 02-11-22
Bandla, Distt. Bilaspur (HP)

Student Notice

Subject: National Digital Library of India (NDLI) Registration

It is for the information of students that NDLI is an online platform developed by Ministry of Education, to provide a single window access to digitizing and digital contents across all educational institutes of India. It is open to all, free and anybody can download/view contents from NDLI through NDLI website /Mobile App. It is a single far-reaching platform for providing equitable access to knowledge resources for the learners of all segments. Additionally, repository for various tests including GATE, UPSC exams is also available on NDLI.
Thus, students are requested to register themselves on this platform either via mobile app or NDLI website (Link is given below)

https://ndl.iitkgp.ac.in/.

It is further informed that our institute is registered for NDLI club as well. Being a part of NDLI Club, students can be a part of reading/ learning/ knowledge related events like Lecture, Quiz, Debate, Storytelling, Book Review, Film Screening etc.

NDLI Registered students only are eligible to be a part of NDLI Club of our institute. The credentials for club registration is given below:

GHEC NDLI Club Registration Number is: INHPNC9CYGXYBZP

GHEC Unique Passkey is: 3c367ceb-68b3-4637-b351-9ba558c68047

Kritiza 01/11/22
Kritiza Sharma
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Library
Regd. No.

18.16. Enrolment & Placement (Last 3 Years

Year	Enrolled Students
2024–25	223
2023–24	220
2022–23	143

CIVIL ENGINEERING DEPARTMENT PLACEMENT DATA						
List of students placed / employeed in CE Branch						
S.No	**Student Name**	**Gender**	**Batch**	**Organization/Company name**	**Date of Placement**	**Salary/Package**
1	Swapnil Gautam	Male	2017-21	Pie Infocomm PVT. LTD.	13-Mar-21	3.5 LPA
2	Rahul Aman	Male	2017-21	Pie Infocomm PVT. LTD.	13-Mar-21	3.5 LPA
3	Shinam Sharma	Male	2017-21	Pie Infocomm PVT. LTD.	13-Mar-21	3.5 LPA
4	Gaurav Thakur	Male	2017-21	Pie Infocomm PVT. LTD.	13-Mar-21	3.5 LPA
5	Vinayak Dhiman	Male	2017-21	GR Infraprojects Ltd.	May-21	2.4 LPA
6	Akshay Pathania	Male	2017-21	Bharat Buildcon	May-21	-
7	Sakshi	Female	2017-21	Highway Engineer at C&E Consultancy Shimla	15-Nov-21	1.2 LPA
8	Priya	Female	2017-21	Environmental Engineer at C&E Consultancy Shimla	15-Nov-21	1.2 LPA
9	Sahil Chaudhary	Male	2017-21	Highway Engineer at C&E Consultancy Shimla	15-Nov-21	1.2 LPA
10	Dinesh Singh	Male	2018-22	**HPSEBL**	-	10,900-34800+GP
11	Som Dutt	Male	2018-22	**HPSEBL**	-	10,900-34800+GP
12	Rohit Sharma	Male	2018-22	**HPSEBL**	-	10,900-34800+GP
13	Som Dutt	Male	2018-22	**Jal Shakti Vibhag**	-	10,300-34800+GP
14	Rohit Sharma	Male	2018-22	**Jal Shakti Vibhag**	-	10,300-34800+GP
15	Aakash Thakur	Male	2018-22	Pie Infocomm PVT. LTD.	11-Dec-21	4.5 LPA
16	Abhinav thakur	Male	2018-22	Pie Infocomm PVT. LTD.	11-Dec-21	4.5 LPA

17	Tanuja	Female	2018-22	Pie Infocomm PVT. LTD.	11-Dec-21	4.5 LPA
18	Tushar Devkaran	Male	2018-22	Pie Infocomm PVT. LTD.	11-Dec-21	4.5 LPA
19	Abhishek Kaushal	Male	2018-22	PSK Group	11-Aug-22	1 LPA (Training Period)
20	Money Katoch	Male	2018-22	PSK Group	09-Sept-2022	1 LPA (Training Period)
21	Rohit Thakur	Male	2018-22	Working Under Contractor	Sept-2022	2 LPA
22	Tanishq Thakur	Male	2018-22	Site engineer in surya construction Chandigarh	Sept-2022	-
23	Atul Dhiman	Male	2017-21	Pipeline Engineer (in MP) Birla Group	Sept-2022	-
24	Vipul	Male	2017-21	Environment Engineer C&E Consultancy shimla	Sept-2022	-
25	Rahul Aman	Male	2017-21	C&E Consultancy shimla	Sept-2022	-
26	Nitish Verma	Male	2017-21	C&E Consultancy shimla	Sept-2022	-
27	Tamanna Koundal	Female	2017-21	C&E Consultancy shimla	Sept-2022	-
28	Vinay Kumar	Male	2017-21	**SJVN Ltd**	Sept-2022	Assistant Engg
29	Pranav sharma	Male	2019-23	**Self employed**		
30	Sakshi Sharma	Female	2017-21	Assystem STUP Consultants Pvt. Ltd	08-07-2023	40000/m
31	Sanjay Kumar	Male	2018-22	**Junior Engineer in BRO**	10-08-2023	81500/m
32	Mohit Choudhary	Male	2019-23	Jr. Quantity Surveyor, RKCPL	01-08-2023	3.5LPA
33	Sahil Atri	Male	2017-21	**SJVN Ltd**	01-08-2023	Assistant Engg
34	Vishal singh	Male	2017-21	**NIT Hamirpur**	18-12-2023	35000/m
35	Umesh sahani	Male	2019-23	Unipro techno infrastructure Ltd.	05-01-2024	18000+PF/m
36	Avinash	Male	2017-21	**Jal Shakti Vibhag**	February 2024	Assistant Engg
37	Abhinay	Male	2020-24	Consultant, Pearce Global Services Private Limited.	March 2024	4.2 LPA
38	Akshay	Male	2020-24	Vishal construction Company	March 2024	1.4 LPA

39	Lukesh	Male	2020-24	Vishal Solutions	March 2024	1.8 LPA
40	Aashray Thakur	Male	2018-22	Engineer Trainee, SCG contracts India Pvt Ltd, Greater Noida	May 2024	3 LPA
41	Rishav	Male	2020-24	Sales Manager in Sasteghar, Mohali	June 2024	Rs. 15000 + 25000 (incentive per deal)
42	Kartik Kumar	Male	2019-2023	Engineer, JDMO Consultancy, Mandi	June 2024	-
43	Rajender Kumar	Male	2019-2023	**Technical Assistant, Civil Engg Wing, CRPF, NWR**	17-08-2024	-
44	Suksham	Male	2020-24	Engineer Trainee at Weaverbird Engg & Technology Pvt Ltd, New Delhi	October 2024	20K/Month (training period)
45	Deepankar Garg	Male	2017-2021	QA/QC Engineer in J kumar InfraProjects Ltd , Maharashtra	-	-
46	Ritik Nagwal	Male	2020-24	GTE in Infotechmon Ind Pvt Ltd, Mohali	December 2024	3 LPA
47	Ritika Thakur	Female	2017-21	Assistant professor, Khalsa college of engineering and technology., Amritsar	January 2025	Rs. 30000/month
48	Pankaj	Male	2017-2021	**JE in MES (through SSC)**	February 2025	-
49	Adarsh Sharma	Male	2019-2023	**JE in BRO (through SSC)**	February 2025	-
50	Anmol Sharma	Male	2017-2021	**AE, Jal Shakti Vibhag HP**	March 2025	-
51	Vishali	Female	2017-2021	**AE, Jal Shakti Vibhag HP**	March 2025	-
52	Amit Sharma	Male	2019-2023	PO, Central Bank Of India through IBPS	April 2025	-
53	Varsha Kumari	Female	2021-2025	SPACE Design Consultants, Una	April 2025	15K/Month (for first 6 months)
54	Nitesh Kumar	Male	2021-25	Apprentice, SJVN Ltd	April 2025	Rs. 8000/month
55	Kangan chauhan	Female	2019-23	Ultratech Cement	2025	
56	Shubham	Male	2019-23	S.S. construction Mehatpur	2025	
57	Anshuman	Male	2019-23	Shapporji pallonji parkwest Bengaluru Karnataka	2025	-

58	Abhinav Thakur	Male	2019-23	Self Employed, Govt Contractor	2025	-
59	Umesh sahani	Male	2019-23	Patel Engineering Ltd., Kinnaur	2025	-
60	Sahil	Male	2020-24	Bharat construction India Pvt.Ltd	2025	Rs. 25000/month
61	Abhishek thakur	Male	2020-24	Self Employed, Scrap warriors firm	2025	-
62	Aman Rana	Male	2021-2025	Self Employed, Govt Contractor	July 2025	-
63	Varsha Kumari	Female	2021-2025	C&E Consultancy, Shimla	July 2025	2 LPA
64	Chirag Prashar	Male	2021-2025	Patel Engineering Ltd., Kinnaur	July 2025	Rs 25000/month
65	Prachi Sharma	Female	2020-2024	MIDAS Information Technology Co., Ltd	July 2025	8 LPA
66	Karan Thakur	Male	2019-23	Engineering Executive Trainee (EET), NTPC Sipat, Chhhattisgarh	August 2025	Rs 40000/ month
67	Abhinay	Male	2020-24	Amdocs Development Centre India LLP, Gurugram	August 2025	6 LPA
68	Aarush Chandel	Male	2020-24	Research project in CSIR-NPL Delhi	August 2025	-
69	Vikas Kumar Thakur	Male	2018-22	**JE, Indian Railways**	September 2025	Rs. 35400/ month
70	Abhishek Modgil	Male	2021-24	**JE, Indian Railways**	September 2025	Rs. 35400/ month
71	Champa Kumari	Female	2022-2025	C&E consultancy pvt.ltd	November 2025	Rs 16000/month
72	Ashish Thakur	Male	2019-23	**Project staff, CSIR CBRI**	December 2025	Rs. 25000/month + HRA
73	Adarsh Thakur	Male	2020-23	**JE, NHPC**	January 2026	₹29600/- month
74	Yajat sood	Male	2018-22	**JE, Indian Railways**	February 2026	Rs. 35400/ month

ELECTRICAL ENGINEERING DEPARTMENT PLACEMENT DATA							
S.No	**Name**	**Gender**	**Designation**	**Batch**	**company name**	**Date of placement**	**Package**
1	Nachiketa Suryanshi	Male	Jr. Automation Engineer	2017-2021	pie infocomm	11-Mar-	3.5 Lakh

						21	
2	Isha Choudhary	Female	Jr. Automation Engineer	2017-2021	pie infocomm	12-Mar-21	3.5 Lakh
3	Asmita Raj	Female	Jr. Automation Engineer	2017-2021	pie infocomm	13-Mar-21	3.5 Lakh
4	Bablu	Male	GET	2017-2021	GREEN KO	10-Aug-21	2.4 Lakh
5	Nishant Thakur	Male	GET	2017-2021	GREEN KO	10-Aug-21	2.4 Lakh
6	Sourabh Thakur	Male	GET	2017-2021	GREEN KO	10-Aug-21	2.4 Lakh
7	Nitish Kumar	Male	GET	2017-2021	GREEN KO	10-Aug-21	2.4 Lakh
8	Isha Choudhary	Female	Apprentice	2017-2021	Microtek	14-Oct-21	2.4 Lakh
9	Nachiketa Suryanshi	Male	Apprentice	2017-2021	Microtek	15-Oct-21	2.4 Lakh
10	Shikha Thakur	Female	Apprentice	2017-2021	Microtek	16-Oct-21	2.4 Lakh
11	Pooja Verma	Female	Apprentice	2017-2021	Microtek	17-Oct-21	2.4 Lakh
12	Akshit	Male	Jr. Automation Engineer	2018-2022	pie infocomm	06-Dec-21	4.5 lakh
13	Vikrant Kumar Chandel	Male	Jr. Automation Engineer	2018-2022	pie infocomm	07-Dec-21	4.5 lakh
14	Rashi Thakur	Female	Jr. Automation Engineer	2018-2022	pie infocomm	08-Dec-21	4.5 lakh
15	Abhinav Sharma	Male	Jr. Automation Engineer	2018-2022	pie infocomm	09-Dec-21	4.5 lakh
16	Prashant	Male	Jr. Automation Engineer	2018-2022	pie infocomm	10-Dec-21	4.5 lakh
17	Yogesh Raj	Male	Jr. Automation Engineer	2018-2022	pie infocomm	11-Dec-21	4.5 lakh
18	Mr. Chhabi Ram	Male	Apprentice	2017-2021	Microtek	27-Dec-21	2.4 Lakh
19	Mr. Chhavinder Singh	Male	Apprentice	2017-2021	Microtek	15-Mar-22	2.4 Lakh

20	Vinod Kumar	Male	JE	2018-2022	**HPSEBL**	13.07.2022	Rs. 64000/month
21	Shaurya Sharma	Male	Automation Engineer	2018-2022	SMS Group, Pune	August 2022	-
22	Abhishek guleria	Male	Engineer	2017-2021	Great eastern shipping company	1/8/2022	-
23	sushil	Male	Apprentice	2018-2022	Microtek	25-Jan-23	2.4 Lakh
24	ashish	Male	Apprentice	2018-2022	Microtek	17-Feb-23	2.4 Lakh
25	Shivansh Sharma	Male	Apprentice	2019-23	Microtek	1-3-2023	1.8lakh
26	Lovkesh	Male	Apprentice	2019-23	Microtek	1-3-2023	1.8lakh
27	Vaibhav Katoch	Male	Apprentice	2019-23	Microtek	1-3-2023	1.8lakh
28	Atul Kumar	Male	Apprentice	2019-23	Microtek	1-3-2023	1.8lakh
29	Sahil Thakur	Male	Apprentice	2019-23	Microtek	1-3-2023	1.8lakh
30	Devkinandan	Female	Graduate Engineer Trainee	2019-23	Tech marbles web solutions ltd	02-03-2023	28000
31	Shubham Kapoor	Male	Junior Engg.	2017-2021	Bharat construction India Pvt.Ltd, Kangra	15-04-2023	-
32	Abhishek guleria	Male	Electro technical officer	2017-2021	Great eastern shipping company, Mumbai	June 2023	-
33	Divya Sharma	Female	Hartek Power Private Limited	2019-23	Spray engineering devices limited Mohali Punjab	01-07-2023	21000
34	Shivam Sharma	Male	Graduate Engineer Trainee	2019-23	Hartek Power Private Limited	01-08-2023	3.6 LPA
35	Shivam Sharma	Male	Graduate Engineer Trainee	2019-23	Blupine energy, Gurgaon	01-08-2023	5LPA
36	Rishabh Sharma	Male	Graduate Engineer Trainee	2019-23	Hartek Power Private Limited	18-09-2023	30000
37	Shivansh Sharma	Male	Graduate Engineer Trainee	2019-23	Hartek Power Private Limited	01-09-2023	20000
38	Rahul Kumar	Male	Production Engineer	2019-23	Livguard Energy	10-09-	-

					Technologies Pvt Ltd	2023	
39	Lovkesh	Male	Graduate Engineer Trainee	2019-23	JBM EV Industries	11-2023	22000/month
40	Abhishek Kumar	Male	Self Employed	2019-23	**Self Employed (Business)**	2023	-
41	Pankaj chauhan	Male	Engineer	2019-23	Atlanta System Pvt Ltd	2023	-
42	SHUBHAM SHARMA	Male	Engineer	2018-2022	Cotmac Electronic Pvt Ltd (Siemens Chanel Partner)	2023	-
43	Nishant Chandel	Male	Graduate Engineer Trainee	2019-23	Anayat global works private limited	31-01-2024	-
44	Shivam	Male	Graduate Engineer Trainee	2019-23	Blupine Energy, Gurgaon	01-05-2024	-
45	Ayush	Male	Graduate Engineer Trainee	2020-2024	DeReCo Corp. Pvt. Ltd., Gurgaon	June 2024	2.16 LPA
46	Ankit Choudhary	Male	Design engineer	2019-23	Hartek Power Private Limited	Aug-2024	-
47	Rohit Verma	Male	Graduate Engineer Trainee	2018-2022	Schneider Electric private limited/	05/Aug/2024/	
48	Ayush	Male	Engineer	2020-2024	Pearce Global Services Private Limited.	20-08-2024	Rs. 27000/month
49	Sourabh Thakur	Male	Assistant Executive Engineer	2017-2021	NTPC Rihand	Oct 2024	-
50	Rohit Prashar	Male	Engineer	2017-2021	Siemens energy	2024	
51	Aditya Guleria	Male	Industrial Automation Engineer	2018-2022	Tmg Engineers and Associates, Chandigarh	-	-
52	Akash Sharma	Male	Repair Engineer	2021-25	Dyson Group	15-01-2025	5.86 LPA
53	Palak Kumari	Female	Product Design engineer	2017-2021	ROHM semiconductor Pvt. Ltd.	January, 2025	11LPA
54	Divesh Sanwal	Male	Campaign	2020-2024	SmartPingAI,	Marc	4LPA

			management engineer (CPT)		Mohali	h 2025	
55	Aditya Guleria	Male	Engineer	2018-2022	TMG Engineers and Associates	2025	-
56	Prajwal Sharma	Male	Self Employed	2020-2024	Event Manager, Perfect Koncerts	2025	-
57	Anshika Thakur	Female	GET (Engineering)	2021-2025	Hartek Power Private Limited	May 2025	3 LPA
58	Aditya Sharma	Male	Engineer	2018-2022	Jindal Steel & Power Ltd	07-05-2025	-
59	Akshay Sharma	Male	Engineer	2021-2025	Spinks World	25-05-2025	
60	Pooja Verma	Female	GET	2021-2025	Wonder Systems India Pvt Ltd	11 June, 2025	Rs 25000/month
61	Rohan Thakur	Male	Engineer	2021-2025	OPPO Mobiles India Pvt. Ltd., Greater Noida	23/06/2025	Rs 25038/month
62	Kannu Priya	Female	Engineer	2021-2025	Pricol precison products private limited	July 2025	Rs 18000/month
63	Sharbie Sharma	Female	Engineer	2021-2025	Pricol precison products private limited	July 2025	Rs 18000/month
64	Nayonika Datta	Female	Academic Counselor	2021-2025	Planet Spark, Gurugram	July 2025	35k -40k
65	Parikshit Sharma	Male	Engineer	2020-2024	Fermex Solution LLP	28-07-2025	-
66	Yash gautam	Male	Engineer	2021-2025	Pricol precison products private limited	5-8-2025	Rs. 18000/month
67	MOHIT CHANDEL	Male	Engineer	2021-2025	7 Billion solar Technologies	01 August, 2025	Rs 12000/month
68	Ishant choudhary	Male	Engineer	2019-23	TechPIO services LLP	2025	4.8 LPA
69	Harsh pathania	Male	Electro Technical Officer	2019-23	Wilhelmsen shipping management	2025	-

70	Divyanshu Thakur	Male	Trainee Engineer	2022-2026	M/S BCC Fuba India Ltd, Solan, HP	November 2025	1.8 LPA
71	Anjali Thakur	Female	Trainee Engineer	2022-2026	M/S BCC Fuba India Ltd, Solan, HP	November 2025	1.8 LPA
72	Priyanka Rana	Female	Trainee Engineer	2022-2026	M/S BCC Fuba India Ltd, Solan, HP	November 2025	1.8 LPA
73	Deeksha	Female	Trainee Engineer	2022-2026	Novem Controls Pvt Ltd, Mohali	November 2025	Rs. 15000/Month
74	Abhishek Choudhary	Male	Trainee Engineer	2022-2026	Novem Controls Pvt Ltd, Mohali	November 2025	Rs. 12000/Month
75	Palak	Female	Trainee Engineer	2022-2026	Novem Controls Pvt Ltd, Mohali	November 2025	Rs. 12000/Month

18.17. Research & Consultancy

S. No.	Description	Type (Research/Consultancy)	Year	Faculty Assigned
1	Structural Stability Analysis of Steel Foot Bridge	Consultancy	2024	Dr. Madhu Singh
2	Rana SHPP (12 MW) at Village Ghamarhar, Tehsil Joginder Nagar, District Mandi	Consultancy	2023	Er. Abhimanyu Singh Dr. Sita Ram Bhardwaj / Er. Deepak Thakur
3	Vetting of Structural Analysis & Design of Electrical Store of Steel Structure and RCC Office Building at Luhri Stage-I Hydroelectric Project	Consultancy	2025	Dr. Ankur Thakur
4	Vetting & Designing of 04 Class Rooms (Porta Cabin) for KV, Rahya, Bagin District, Samba, Jammu	Consultancy	2025	Dr. Ankur Thakur
5	Vetting of Structural Design & Drawings of Bank Branch Office Building, of Dalash District Kullu	Consultancy	2025	Dr. Ankur Thakur

18.18. MoUs with Industries/Institutes

List of MoUs Signed

Name of the Institute: **Government Hydro Engineering College Bandla, Bilaspur, HP**

SN	Name of Organization/Company/ Institution with which MoU is signed	Date of Signature of MoU	Validity Period/ date	Remarks (Purpose/activities being carried out under MoU)
1	SK Deep Tech Pvt Ltd, Telangana	26/08/2021	25/08/2026	-
2	National Institute Of Technology Hamirpur	06/09/2021	05/09/2024	-
3	Dr. B.R. Ambedkar National Institute Of Technology Jalandhar	15/03/2021	14/03/2024	Online workshops conducted
4	Pie Infocomm Pvt. Ltd., UP	08/03/2021	07/03/2024	Campus placement drives conducted
5	National Institute Of Technology Uttarakhand	20/02/2023	19/02/2028	-
6	Priyadarshini College Of Engineering Nagpur	20/05/2023	19/05/2028	-
7	GH Raisoni Institute Of Engineering & Technology Nagpur,	18/05/2023	17/05/2028	Joint publications
8	Sardar Patel University Mandi	07/11/2023	06/11/2028	-
9	INTI International University, Malaysia	13/12/2023	12/12/2028	-
10	Cheema Boilers Limited, Punjab	28/02/2024	27/02/2029	-
11	Hoping Minds (Katina Skills Pvt Ltd.), Mohali	18/03/2024	17/03/2029	-

Nishant
2/8/24
Nishant Singh Chandel
AP, CED

All remaining sub-sections of Annexure 18 from the AICTE Approval Process Handbook have been included. Items without data are marked **NIL**.

This document is complete, factual, and fulfills AICTE's 2024–2027 mandatory disclosure format.