# Aliah University



**Academic Audit** 

Academic Year: 2021-2022

13/3/3/3/

Head Officiating Regineering Aleata Official Engineering Rolkata
Dept. of Electrical Engineering Rolkata

The Academic Audit process of Aliah University focuses on four key functional areas:

- 1. Academic Management
- 2. Academic Practices
- 3. Infrastructure and supportive facilities
- 4. Initiatives and Supplementation

Head (Officiating)

# **Academic Management**

# Information about HOD/ HOD (Officiating) (2021-2022)

1] Name: Dr. Rumpa Saha

2] Designation: Assistant Professor

3] Qualification: B.Tech, M.Tech, Ph.D.

4] Teaching experience (in years): 13 years

5] Industry experience (if any in years): NA

6] Number of teaching hours per week: 22 (Approximate Average)

7] Number of Research Projects/Publications/

A. Study material developed during

B. No. of Publications - Nil

8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized):

1. Successfully participated in "RASHTRAGAAN", an initiative by The Ministry of Culture (Govt. of India), to mark Azadi ka Amrit Mahotsav, Aug 2021.

2. Organized "Students Week's Celebration" of Electrical Engineering. Dept., AU & acted as coordinator of recitation competition, Jan 2022.

3. Organized one-day career guidance workshop on "Career options after Engineering", April 2022.

9] Contribution to the growth and development of the University during the academic year:

#### 2021-22

Committee	Position held	Work done/ Activity
Anti-Ragging Squad	Member	Whatever assigned or
Departmental Purchase Committee	Chairperson	necessary.

3



13/3/23

D		Internal Academic Audit (2021-22)
Departmental Board of Studies	Chairperson	
Departmental Maintenance Committee (Memo No.: AU/REG/1288/17, Date: 06-12-2017) (Continued)	Convenor	
Departmental Research committee (Memo no. AU/EEN/017/21, dated: 01.09.2021)	Chairperson	ENGINEERING DEA
Industry Institute Program Cell	Member	A STATE OF THE STA
Ph.D. Admission Committee	Member	ELECTRIC ERSTINATION OF ALMORTH AND ALMORTH AND
Academic Council		-
(Memo no. AU/VC/154/21, dated:	Member	A Marian and Cura

10] Other responsibilities (Please specify, add rows if required):

HoD (officiating) (Memo No: AU/REG/0556/21, Dated:
er in West Bengal Joint Entrance Examination 2020
al Machine Laboratory (Memo No AU/EEN/105/18, led).

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

	Mentoring B. Tech students "Project work" based on their interest of research field.
2	Guiding M. Tech students for their post graduate's dissertation.

# Information about Teaching Members (to be filled by individual Teaching member)

### **Sharmistha Mandal**

1] Name: Dr. Sharmistha Mandal

2] Designation: Assistant Professor

3] Qualification: Ph. D

28.09.2021)

4] Teaching experience (in years): 18

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: Average 20 hours per week (Including lectures, tutorials, practical and project supervision)

7] Number of Research Projects/Publications/ 1 (Publication)

Study material developed during Study material developed

The academic year (provide list in separate sheet):

8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars / Workshops / lectures / field visits organized):

Paper presenter in International Conference "Advances in Control & Optimization of Dynamical Systems" at NIT Silchar during 23-25 Feb., 2022.

9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity	
Departmental Research committee (Memo no. AU/EEN/017/21, dated: 01.09.2021)	Member	Worked as per assignment or requirements.	
Central MATLAB Purchase Committee (Memo no. AU/REG/0990/18, dated: 12/10/2018)	Convenor		NGINEER/N
BOS, Mechanical Engineering Department, Aliah University (Ref. no. AU/MEN/004/2021, dated: 22/09/20)	Member		ELECTRICAL
Departmental Purchase Committee (Memo no. AU/REG/0918/18, dated:18-09-2018)	Member		onent of Education
Bachelor of Vocation (B. Voc.) committee (Memo no. AU/REG/0276/21)	Member		
BOS, Electrical Engineering Department, Aliah University (Memo No. AU/REG/0600/20 dated 10-12-2020)	Member		

10] Other responsibilities (Please specify, add rows if required):

1	Coordinated Departmental Examination, dated: 24/06/21
2	49

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	
2	

Publications:

Ali, Mohabbat, Mandal, S., " Kalman Filter Based Control of Inverted Pendulum System", Advances

Head (Officiating)

Head (Officiating)

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Make the state of Electrical Engineering

Migh University, Kolkata

in Control & Optimization of Dynamical Systems (ACODS), at NIT Silchar, 23-25 Feb., 2022.

#### Nasim Ali Khan

1] Name: Dr. Nasim Ali Khan

2] Designation: Assistant Professor

3] Qualification: Ph. D

4] Teaching experience (in years):18

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: Average 20 hours per week (Including lectures, tutorials, practical and project supervision)

7] Number of Research Projects/Publications/1 (Publication)
Study material developed during
Study material developed

The academic year (provide list in separate sheet):

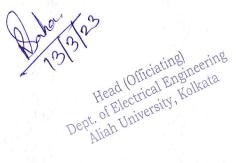
8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars/Workshops/lectures/fieldvisitsorganized):

Paper presenter in International Conference "Advances in Control & Optimization of Dynamical Systems" at NIT Silchar during 23-25 Feb., 2022.

9] Contributiontothegrowthanddevelopmentofthe Universityduringthe academic year:

Committee	Position held	Work done/ Activity
Departmental Research committee (Memo no. AU/EEN/017/21, dated: 01.09.2021)	Member	Worked as per assignment or requirements.
Central MATLAB Purchase Committee (Memo no. AU/REG/0990/18, dated: 12/10/2018)	Convenor	
Aliah University Science & Technology Club	Secretary	
BOS, Mechanical Engineering Department, Aliah University (Ref. no. AU/MEN/004/2021, dated: 22/09/20)	Member	
Departmental Purchase Committee (Memo no. AU/REG/0918/18, dated:18-09-2018)	Member	
Rain Water Harvesting committee (Memo no. AU/REG/0615/21)	Member	



BOS, Electrical Engineering Department, Aliah	Member	
University (Memo No.		
AU/REG/0600/20dated 10-12-2020)		

10] Other responsibilities (Please specify, add rows if required):

1	Warden, Boys Hostel, Aliah University	
2	NSS Nodal officer, New Town Campus	

11] BestPracticesinteaching&academic-administrationintroducedinthedepartmentinthe academic year (Please specify, add rows if required):

1	
2	

#### Biswapriya Chatterjee

1] Name: BISWAPRIYA CHATTERJEE

2] Designation: ASSISTANT PROFESSOR

3] Qualification: Ph. D

4] Teaching experience (in years): 11 years

5] Industry experience (if any in years): NIL

6] Number of teaching hours per week: 22 (approximate average)

7] Number of Research Projects/Publications/ Study material developed during

The academic year (provide list in separate sheet):

The academic year (provide list in s	charace sheet).	
Journal published	1	A ST Land Co.
Conference paper published	2	

#### International journals:

1. M. Paul, S. Debnath B. Chatterjee, "Fault detection and classification scheme for smart grids considering high impedance evolving and cross-country faults," Electr. Engi., https://doi.org/10.1007/s00202-022-01490-y, 2022.

#### International conferences:

- 1. B. Chatterjee and S. Sarkar, "<u>A Discrete Fourier Transform Based Fault Identification Scheme for IEEE 9-bus System</u>," 2021 Second International Conference on Smart Technologies in Computing, 2022.
- 2. M. S. H Siddique, B. Chatterjee, "A Fault Discrimination Scheme for Transmission Systems using Positive Sequence Complex Power" International Conference in Springer, 2022 (Accepted).





8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars/Workshops/lectures/field visits organized):

9] Contribution to the growth and development of the University during the academic year: 2021-22

Committee	Position held	Work done/ Activity
Common Engineering Curriculum Committee AU/REG/0011/22, dated 10.01.2022	Chairman	Whatever necessary.

10] Other responsibilities (Please specify, add rows if required):	

	actices in teaching & academic-administration introduced in the in the academic year (Please specify, add rows if required):	
1		
2		
10] Other re	sponsibilities (Please specify, add rows if required):	

11] Best Practices in teaching & academic-administration introduced in the
department in the academic year (Please specify, add rows if required):

1	
2	7 18 7

### Md Aftab Alam

1] Name: MD-AFTAB ALAM

1

2] Designation: ASSISTANT PROFESSOR

3] Qualification: M.Tech.

4] Teaching experience (in years): 10 years

5] Industry experience (if any in years): 3 years

3/3/23



- 6] Number of teaching hours per week: 22 (approximate average)
- 7] Number of Research Projects/Publications/ Study material developed during The academic year (provide list in separate sheet):
- 8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized):
- 9] Contribution to the growth and development of the University during the academic year:

#### 2021-22

Committee	Position held	Work done/ Activity
Committee for Revision of Common Engineering Curriculum (UG & PG) (Memo No.: AU/REG/0104/18, dated 02/02/2018)	Convener	ENCINEERING OF
Departmental Purchase Committee (Memo No.: AU/REG/0918/18, dated 18/09/2018)	Convener	ELECT
Committee for NPTEL local chapter (Memo No.: AU/REG/0885/19, dated 05/09/2019)	Member	Whatever assigned or
Computer Purchase Committee of the University (Memo No.: AU/REG/0921/18, dated 18/09/2018)	Member	necessary.
Board of Studies of ECE Department (Memo No.: AU/REG/0047/22, dated 31/01/2022)	Member	
Committee for implementing CBCS (Memo No.: AU/REG/0304/21, dated 22/03/2021)	Member	

10] Other responsibilities (Please specify, add rows if required):

Head (Uniciating)

Head (Uniciating)

Af Electrical Engineering

Dept. of Electrical Engineering

Aliah University, Kolkata 1

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	
2	

### Rumpa Saha

1] Name: Dr. Rumpa Saha

2] Designation: Assistant Professor

3] Qualification: B.Tech, M.Tech, Ph.D.

4] Teaching experience (in years): 13 years

5] Industry experience (if any in years): NA

6] Number of teaching hours per week: 22 (Approximate Average)

7] Number of Research Projects/Publications/

A. Study material developed during

B. No. of Publications - Nil

8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized):

- 1. Successfully participated in "RASHTRAGAAN", an initiative by The Ministry of Culture (Govt. of India), to mark Azadi ka Amrit Mahotsav, Aug 2021.
- 2. Organized "Students Week's Celebration" of Electrical Engineering. Dept., AU & acted as coordinator of recitation competition, Jan 2022.
- 3. Organized one-day career guidance workshop on "Career options after Engineering", April 2022.
- 4. Completed the AICTE-ISTE, FDP program on "Internet of Things (IoT) applications, Feb 2022.

9] Contribution to the growth and development of the University during the academic year:



Committee	Position held	Work done/ Activity
Anti-Ragging Squad	Member	
Departmental Purchase Committee	Chairperson	
Departmental Board of Studies	Chairperson	Whatever assigned or
Departmental Maintenance Committee		necessary.
(Memo No.: AU/REG/1288/17, Date: 06-	Convenor	
12-2017) (Continued)		



Internal Academic Audit (2021-22)

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Departmental Research committee (Memo no. AU/EEN/017/21, dated: 01.09.2021)	Chairperson	
Industry Institute Program Cell	Member	
Ph.D. Admission Committee	Member	
Academic Council		
(Memo no. AU/VC/154/21, dated:	Member	
28.09.2021)		

10] Other responsibilities (Please specify, add rows if required):

president and the second participation of the second parti		
1	Officiation Head of the Department from August 2021 to till date	

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	Mentoring B. Tech students "Project work" based on their interest of	
	research field.	
2	Guiding M. Tech students for their post graduate's dissertation.	- 1

12] Engagement of Teacher with other institute/ university: NA



#### Dr. Rimi Paul

1] Name: Dr. Rimi Paul

2] Designation: Assistant Professor

3] Qualification: Ph.D.

4] Teaching experience (in years):11yrs

5] Industry experience (if any in years): Nil

6] Number of teaching hours per week: 22hrs (Approximate Average)(including lectures, tutorials, practical and project supervision)

7] Number of Research Projects/Publications/: Two Publications Study material developed during

The academic year (provide list in separate sheet): Study materials developed

Year	UG	PG
2020-2021		Intelligent Control

#### Publication:

1. R. Paul, A. Sengupta, S. Purkait, and S. Khan, "Application of Discrete Domain Wavelet Filter for Signal Denoising", Noise Filtering for Big Data Analytics, DeGruyter Publication, 2022. Chapter DOI: 10.1515/9783110697216-001.



- 2. R. Paul, Fractional order Modified AWPI based DC-DC Converter Controlled SEDC Motor, International Conference on Computational Techniques and Applications, Springer Nature Singapore Pte Ltd. 2022, J. K. Mandal et al. (eds.), Topical Drifts in Intelligent Computing, Lecture Notes in Networks and Systems . https://doi.org/10.1007/978-981-19-0745-6\_57.
- 8] Contribution to enrich quality of teaching-learning during the academic year: (Seminars / Workshops / lectures / field visits organized): Organized:
- 9] Contribution to the growth and development of the University during the academic year:

Committee	Position held	Work done/ Activity
Doctoral Research Committee(Memo No: AU/EEN/027/20 dated 24/12/2020)	Convener, Member	All activities related to PhD including course work
Institution Industry Cell(Memo No: AU/Reg/0795/18 dated 13/10/2020)	Member	Participated in a meeting and worked whatever assigned
NDLI Club (dated: 31/01/2021)	Executive Member	Whatever assigned work
Board of Studies of Electrical Engineering Dept	Member	Assigned and necessary work

10] Other responsibilities (Please specify, add rows if required):

1	Signal and Network Lab coordinator (Memo No AU/EEN/105/18,
	12/10/2018) (Continued)
2	Departmental Exam Committee (Minutes of Meeting:dated24/06/21)

# 11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	Acted as an UG coordinator for guiding students based on their interest of
	research field (Continued)
2	

### Pallav Dutta

1] Name: Pallav Dutta

2] Designation: Assistant Professor

3] Qualification: B. Tech, M. Tech

4] Teaching experience (in years): 14 years

Head (Officiating)
Head (Officiating)
Rept. of Electrical Engineering
Dept. of Electrical Linguista

- 5] Industry experience (if any in years): NA
- 6] Number of teaching hours per week: 22 (approximate average)
- 7] Number of Research Projects/Publications/

Study material developed during

The academic year (provide list in separate sheet):

A. Study material developed:

Year	UG	PG
2021-2022	-	Lighting Design & Calculation
		Sensors & Devices
		Essentials of Renewable Energy System

B. No. of Publications - 2 (Two)

#### International Journals:

S. Chakraborty, Pallav Dutta, S. Dey, S. Nahid Anjum, "A laboratory-based study on influence of peripheral source on On-axis object detection under different correlated color temperatures", Optik - Elsevier, Volume 249, 2022,168258, ISSN 0030-4026, https://doi.org/10.1016/j.ijleo.2021.168258. January 2022.

#### International Conferences:

- D. Saha, S. M. Sorif and P. Dutta, "Weather Adaptive Intelligent Street Lighting System with Automatic Fault Management Using Boltuino Platform," 2021 International Conference on ICT for Smart Society (ICISS), 2021, pp. 1-6, doi: 10.1109/ICISS53185.2021.9533234. September 2021.
- 8] Contribution to enrich quality of teaching-learning during the academic year:

(Seminars / Workshops / lectures / field visits organized):

- Dept. of Electrical Enginee 1) Completed "Journal Citation Reports (JCR) Certification Series -2021" conducted by Clarivate Analytics (Web of Science). July 2021

  2) 5
- 2) Participated in the webinar on "Role of IEEE in Engineering Education" jointly organized by IEEE & EBSCO, July 2021.
- 3) Successfully participated in "RASHTRAGAAN", an initiative by The Ministry of Culture (Govt. of India), to mark Azadi ka Amrit Mahotsav, Aug 2021.
- 4) Organized "Students Week's Celebration" of Electrical Engineering. Dept., AU & acted as coordinator of recitation competition, Jan 2022.
- 5) Completed the AICTE-ISTE, FDP program on "Internet of Things (IoT) applications, Feb 2022.

9] Contribution to the growth and development of the University during the academic year:

#### 2021-22

Committee	Position held	Work done/ Activity
Aliah University Maintenance Committee (Memo No: AU/REG/0790/21, Dated: 14/12/2021)	Vice- Chairman	Whatever assigned or
NAAC committee – Electrical Engineering Department (Memo No: AU/EEN/022/21, Dated: 01/10/2021)	Co-ordinator	necessary.
Board of Studies of Electrical Engineering Department (Memo No: AU/REG/0600/20, Dated: 10/11/2020 & AU/EEN/022/21, Dated: 21/05/2021)	Chairperson /Member	Whatever assigned or necessary.
Departmental Purchase Committee (Memo No.: AU/REG/0918/18, Dated: 18/09/2018) (Continued)	Member	
Aliah University Central Routine Committee Department (Memo No: AU/REG/0607/19, Dated: 08/07/2019 (Continued)	Member	

10] Other responsibilities (Please specify, add rows if required):

1. Lab Co-ordinator of Measurement Laboratory (Memo No AU/EEN/105/2018) (Continued).		
2.	Acted as External Examiner for the M. Tech Thesis Evaluation and Final Viva-voce, Electrical Engg. Dept. Jadavpur University.	

11] Best Practices in teaching & academic-administration introduced in the department in the academic year (Please specify, add rows if required):

1	Mentoring B. Tech students "Project work" based on their interest of research field.
2	Guiding M. Tech students for their post graduate's dissertation.

12] Engagement of Teacher with other institute/ university: NA

Head (Officiating)

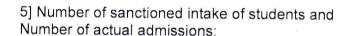
Dept. of Electrical Engineering

Aliah University, Kolkata

### **Academic Practices**

Academic Practices (for the academic year: 2021-22	2	.)
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- 1] Total number of teaching-days in the academic year: 136
- 2] Total number of permanent teaching staff: 07
- 3] Total number of permanent teaching staff with PhD: 05
- 4] Number of programmes offered (please specify): 04
  - 1. B.Tech
  - 2. M.Tech (PS)
  - 3. M.Tech (CS)
  - 4. Ph.D.



UG Sanctioned - 60+6(L) UG Actual- 47+13(L) PG Sanctioned - 18 PG Actual-18

- 6] How many teaching members have attended Orientation Programme/ Refresher Course/ FDP/ Workshop/ Training Programme/ Research Methodology Course/ Capacity Building Programme etc.: 05
- 7] Number of Orientation Programme/ Refresher Course / FDP/ Workshop/ Training Programme/ Research Methodology Course/ Capacity Building Programme etc. organised by the department:
- 8] Number of Training Programme/ Consultancy offered By the department:
- 9] Number of academic collaborations made by the department:
- 10] Innovative practices (please specify):

- Head (Officiating) Dept. of Electrical Engineering 03 Aliah University, Kolkata
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Counselling for higher studies and job aspiring students

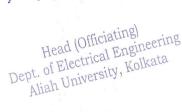


# Teaching-Learning-Evaluation process (for the academic year: 2021-22)

reaching-Learning-Evaluation process (for the acade	mic ye	36
1] Does teaching members participate in course designing?	YES	
2] Does the department have a structured Board of Studies or similar academic body to design/ expand /modify course content?	YES	
3] Does the programme follow:     a. CBCS structure     b. Elective-based structure     c. Any other, please specify	YES YES	
4] Does the department follow Academic Calendar Implemented By the University?	YES	
5] Use of Teaching-Learning tools/ platforms (Please specify) a. OHP b. LCD c. Interactive Boards d. LMS e. Any other	NO YES YES YES	
6] Use of ICT in Teaching-Learning-Evaluation a. e-books b. e-journals c. research database/ repositories d. IT enabled classroom e. Online assignment f. Online assessment g. Online feedback	YES YES YES YES YES NO	
7] Weekly class hour per course (average):	3.5	
8] Whether remedial/ tutorial classes included in class routine?	NO	
9] Does the programme offered has scope of Internship/ Project/ Field work/ Seminar presentation/ Industrial training?	YES	
10] Does the department follow progressive evaluation of students?	YES	
11] Number of students appeared and passed in the academic year		



3399



# Research output (for the academic year: 2021-22)

	1] Does the department offer MPhil/ PhD/ Post-Doctoral Programme: (Please specify):	YES
	2] Number of students/ scholars registered/ enrolled in MPhil/ PhD/ Post-Doctoral Programme (If the answer to Q1 is yes):	02
	3] Number of publications in refereed & peer-reviewed journals:	01
	4] Number of book/ edited-volume/ book-chapter published with ISBN:	OTRICA SERIES
	5] Number of patents registered:	00 Postorico
	6] Number of revenue generating events (Consultancy, Training Programme, MDP/ EDP etc.):	00
	7] Number of Seminar/ Conference/ Workshop/ FDP etc organised at State/ National/ International level:	03
	8] Number of sponsored research projects: a. Completed b. Ongoing	00
Ç	9] Number of collaborative research projects: a. Completed b. Ongoing	00
1 ii	no Any innovative research initiative adopted and mplemented (please specify):	N.A.
	Head (Official Head (Official of Electrical Head)	ting) Engineering Englineering

# Infrastructure & facilities (departmental level)

1] Number of classrooms:		12
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- 2] Number of ICT-enabled classrooms: 01
- 3] Number of laboratories: 09
- 4] Availability of licensed software/ databases: 05
- 5] Number of tutorial rooms: 01
- 6] Number of seminar halls: 00
- 7] Number of rooms for the teaching members: 03
- 8] Number of computer/ printer/ scanner available:

a. In laboratory

SI.	Location	No of Computer	
No.			
1.	Simulation Lab 1	35	
2.	Simulation Lab 2	35	
3.	Power System Lab	01	
4.	Power Electronics Lab	01	
5.	Signal and Network Lab	01	
6.	Basic Electrical Lab	01	
7.	M.Tech Control Lab	03	

b. In teachers' enclosure

SI. No.	Location	No of Computer	Printer
1.	3rd floor big faculty room	09	04 (MFP)
2.	3rd floor small faculty room	04	02
3.	2 <sup>nd</sup> floor faculty room	03	01

c. For Research scholars

00

d. For Administrative purpose

Computer- 04 Printer- 03 Scanner- 01

	Internal Acader	nic Audit (2021-22)
9] Whether Internet facility available in classrooms/ laboratory / teachers' enclosure?	YES	
10] Whether reprographic facility available?	YES	
11] Number of washroom facility (for male):	03	ENGINEERIN
12] Number of washroom facility (for female):	03	ELEC
13] Presence of appropriate signage:	YES	Temant of Education
14] Barrier free environment ensured?	YES	
Initiatives and Supplementation fo	r Studer	ıts:
1] Whether Mentorship (Teacher-driven) for students is in place	ee? NO	
2] Do the students participate in extra-academic activities and pursue Co-curricular activities?	YES	
3] Does the department arrange Industry-visit/ Industrial lecture Excursions/ Archeological trips/ Exhibitions etc. for students?	e/ Field-trips/ <b>NO</b>	
4] Does the department arrange seminars/ workshops/ skill-development programmes etc. for students?	YES	20/2/23
5] Does the department arrange programmes for the students Soft-skill and Personality development?	focusing YES	Head (Offi Head (Offi Dept. of Electric Aliah Unive
6] Does the department have any Student Forum/ Club/ Chapter etc.?	YES	Dept. Onive

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Trical Engineering
Trical Engineering

7] Does the department have a students' feedback mechanism in place?

NO

8] Are the students provided with Training and Placement support? YES

9] Do the students receive ICT-based teaching?

YES



10] Can the students access digital resources offered by the University library?

YES

qualified have NET/SET/GATE/GMAT/SLET/WBCS/UPSC or any other Competitive Exam (for the specific those students period)

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		GATE	
1.	Sk Safin	GATE	
2.	Amit Ranjan	GATE	
3.	Rahul Kumar		

12] Please indicate the number of students those have progressed for higher studies (for the specific period) 19

13] Please indicate the number of students those were offered placements by the University (for the specific period). 16

Dept. of Electrical Engineering Aliah University Kolkata