AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD, U.P.

(Accredited by NAAC with Grade A++)

MANDATORY DISCLOSURE SESSION (2024-25)

FOR B.TECH, M.TECH & MCA COURSES

Index Page

1. **Name of the Institution**

   • **Address including Telephone, Mobile, E-Mail**

   Ajay Kumar Garg Engineering College
   27th Km Milestone, Delhi- Meerut Expressway (NE3), NH-9, Adhyatmik Nagar,
   Ghaziabad, Uttar Pradesh-201009
   Contact No. 087440 52891-93
   Email Id: info@akgec.ac.in

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

   • **Address including Telephone, Mobile, E-Mail**

   Indian Institute of Management and Engineering Society
   27th Km Milestone, Delhi- Meerut Expressway (NE3), NH-9, Adhyatmik Nagar,
   Ghaziabad, Uttar Pradesh-201009
   Contac No. 087440 52891
   Email Id: info@akgec.ac.in

3. **Name and Address of the Vice Chancellor/ Principal/Director**

   • **Address including Telephone, Mobile, E-Mail**

   Dr. Hemant Ahuja
   Director
   27th Km Milestone, Delhi- Meerut Expressway (NE3), NH-9, Adhyatmik Nagar,
   Ghaziabad, Uttar Pradesh-201009
   Contact No. 9899008275
   Email Id: director@akgec.ac.in

4. **Name of the affiliating University**

   • **Address including Telephone, Mobile, E-Mail**

   Dr. A.P.J. Abdul Kalam Technical University,
   Sec-11, Jankipuram Vistar, Lucknow, Uttar Pradesh India
   Pin Code-226031
   Contact No. 0522-2336805

5. Governance

•Members of the Board and their brief background

S. No.	Name of Member of BOG	Qualifications and Position in the current engagement	Position in the BOG	Nominated by
Chairperson				
1.	Mr. Ashok Pal	B.Tech. – University of Roorkee Chairman, Elektrim Megadex India Pvt. Ltd. And President (North Region), Samarth Shiksha Samiti (Vidya Bharti)	Chairman	Registered Society
Members of the Trust / Society / Management				
2.	Mr. Dharampal Garg	B.Com. Commander in Chief, Civil Defence (Ministry of Home)	Vice Chairman	Registered Society
3.	Mr. Rakesh Garg	B.Com. & L.L.B. Secretary of Shambhu Dayal Degree College, Ghaziabad Chairman of Krishna Dental College, Ghaziabad Chairman of K.I.M.T., Moradabad Business : Garg Timber Corporation, Shikhar Building (P) Ltd.	Secretary	Registered Society
4.	Mr. Adi Narayan Gupta	B.Com. (Honors) Secretary, Krishna Group of Institutions	Joint Secretary	Registered Society
5.	Mr. Vinay Kumar Garg	B.Tech., M.Tech., Diploma – Ing., Germany Secretary of Medical Science & Education Trust Trustee of Dr R.S.G. Indo German Medical Centre Charitable Trust Business : M/s Tuhin Hotel (P) Ltd., Ghaziabad	Treasurer	Registered Society
Two Faculty Members of the Institution				
6	Dr Hemant Ahuja	B.Tech., M.Tech. & Ph.D. Director, AKGEC	Member	Board of Governors
7	Dr Rahul Sharma	B.Tech., M.Tech. & Ph.D. Professor & HoD, IT, AKGEC	Member	Board of Governors
Educationists or Industrialists				
8	Shri I.C. Agarwal	B.Tech. (Hons) from IIT, Kharagpur Managing Director Ghaziabad Precision Products, Ghaziabad	Member	Board of Governors (Industrialist)
9	Prof. S.K. Kak	Ph.D. Former Vice Chancellor Mahamaya Technical University, Noida Jaypee University of Information Technology, Waknaghat & Chaudhary Charan Singh University Meerut	Member	Board of Governors (Educationist)

10	Shri S.K. Gupta	B.Com. (Honors) Chairman, Jackson Engineers Ltd.	Member	Board of Governors (Industrialist)
One Nominee of the AICTE / UGC				
11.	Mr. M.K. Parida, IAS	C-18, Hudco Place, New Delhi	Member	AICTE
One Nominee of the State Government				
12	Request letter sent to State Government attached			State Government
One Nominee of the University to which the Institution is affiliated				
13	Prof. S.S. Murthy	Prof., Department of Electrical Engineering, IIT, Delhi, Hauz Khas, New Delhi	Member	University
Head of the Institution, Ex-officio				
14	Dr R.K. Agarwal	B.Tech., M.S. & Ph.D. Director General, AKGEC	Member - Secretary	Registered Society

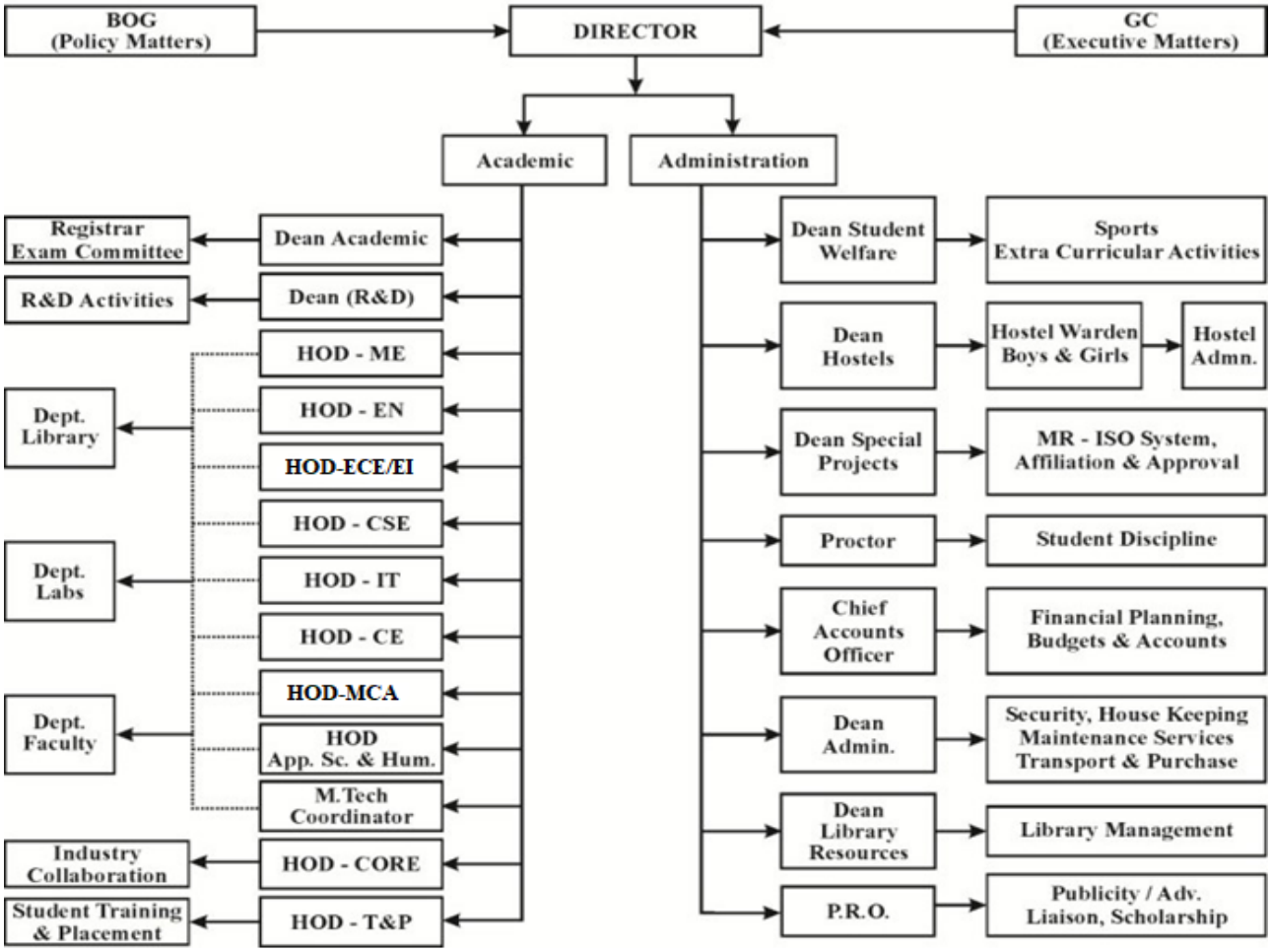
•**Members of Academic Advisory Body (Governing Council)**

S. No.	**Name**	**Designation**
1	Sh. Ashok Pal	Chairman
2	Sh. Rakesh Garg	Member
3	Sh. S.K. Gupta	Member
4	Sh. Vinay Garg	Member
5	Dr. R.K. Agarwal	Director General & Convenor

•**Frequently of the Board Meeting and Academic Advisory Body**

Board meeting is regularly held twice in a year and Academic Advisory Body meeting is regularly held every quarterly.

•**Organizational chart and processes**



•**Nature and Extent of involvement of Faculty and students in academic affairs/improvements**

The college has a constituted Board of Governors having 14 members including the members of management committee, eminent educationists, industrialists, bureaucrats and Faculty members of college. The Director of the college is the Member Secretary of the board. The board meets once in 6 months and reviews the progress on all fronts. All policy matters relating to additional courses, investment in additional infrastructure and other major resources, major systemic / organizational changes, perspective plan etc. are discussed and decided by the Board of Governors. The board also reviews and passes the annual budget.

The Governing Council of the college is composed of the Chairman, Secretary, Treasurer, one/two other members of the management committee and the Director General who acts as the Convener. The council meets once / twice in a month or as necessary to regularly review and decide on various functional issues of importance.

- **Mechanism/ Norms and Procedure for democratic/ good Governance**

The college promotes a culture of participative management. The management of the college rests with its Governing Body, whose member, is appointed in accordance with the guidelines provided by Uttar Pradesh Technical University, Lucknow and AICTE. The Director is the academic and administrative head of the Institution and also the member secretary of the governing body. The Heads of Departments are responsible for the day-to-day administration of the departments and report directly to the Director. Additionally, every department has distributed various duties among faculty members which play an important role in various institutional functions. These duties have been discussed in departmental meetings conducted and the minutes of these meetings are recorded.

- **Student Feedback on Institutional Governance/ Faculty performance**

Feedback is obtained from the students in a formal manner at the end of each semester in the prescribed format. The feedback is analyzed by the examination control cell and sends it to the HoD concerned department and a summary of the same is prepared. This feedback mechanism is primarily used for identifying the weaknesses in teaching learning process. The faculty is counselled by the head of the department so as to improve the process of teaching learning.

Feedback from the stakeholders such as employers, alumni, parents is obtained at regular intervals from which the adequacy of the curriculum is ascertained. Any changes/ upgradations in the curriculum are discussed by the college academic committee and the same is conveyed to the University for Necessary Action.

- **Grievance Redressal mechanism for Faculty, staff and students**

In order to redress individual as well as collective grievances of the Faculty, staff and students of the college, a grievance redressal mechanism has been devised.

Any aggrieved person may make, in writing, a complaint in written along with supporting documents to any member of committee. The Committee shall discuss and decide on its jurisdiction to deal with the case.

- **Establishment of Anti Ragging Committee**

The college has Anti Ragging Committee, Anti Ragging Squad as well other Student Counselling Committee as provisioned in UGC/AICTE regulation 2009. Constitution of the committee and the progress report sent to the University.

•**Establishment of Online Grievance Redressal Mechanism**

In order to address the grievances of Faculty & Staff of College, which are not taken care of by the normal available channels, a separate "Grievance Redressal Committee (GRC)" is constituted.

The concerned Faculty / Staff should contact any member of committee, preferably in writing, about their grievance so that suitable remedial action, if required, may be initiated by the committee. The grievance may also be registered online at www.akgec.ac.in. It may be noted that anonymous/ unnamed grievance / complaints without proper details will not be entertained.

It is expected that this will help maintain a positive, harmonious and conducive atmosphere in the College.

- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University.**

For promoting better stakeholder relationship, the institution has set up a grievance redressal cell to attend to each and every complaint. The Institution immediately addresses the problems and solves them effectively. The member of the cell includes HoDs, senior faculties and staff members, under the leadership of the Director.

•**Establishment of Internal Complaint Committee (ICC)**

Under the provision of the Sexual Harassment of Women at Prevention, Prohibition and Redressal Act, 2013, the internal Complaint Committee is formed with 10 members.

In event of any incident of sexual harassment, lady staff/student may contact any member of the committee.

•**Establishment of Committee for SC/ST**

The scheduled Caste (SC) and Scheduled Tribes (ST) Committee is formed to promote the special interest of students in the reserved category and to provide special inputs in areas where the students experience difficulty.

According to the regulations framed by AICTE, the Committee must meet at least twice a year and the decisions arrived are mandatorily implemented. The Committee functions under the Chairmanship of the Director.

•**Internal Quality Assurance Cell**

The IQAC for each department comprises of HOD and department MR. The contribution of IQAC in improving teaching –learning process is:

- To develop a system for conscious, consistent and catalytic improvement in the overall performance of institution.

- Prepare and collect right feedback form to be filled by students so that the teaching style of the teacher can be judged.

- Analyze the feedback and give advisory for calibration if required to enhance deliveries.

- Conduct seminar, interact with academicians and people from industry to get first-hand information on the scientific trend and market need to boost the teaching quality.

- Conduct periodic auditing of faculty members in terms of lecture deliveries with respect to predefined lecture-wise schedule is carried out and reviewed by HoD and department MR (IQAC).

- Monitor the performance of the students.

- Arrange visiting faculty in thrust areas.

- Conduct periodical meetings fortnightly with faculty members for further improvement.

6. Programmes

•Name of Programmes approved by AICTE

S.No.	Branch Name	Intake in 2024-25
	B.Tech.	
1	Artificial Intelligence & Machine Learning	60
2	Civil Engineering	30
3	Computer Science & Engineering	180
4	Computer Science	150
5	Computer Science & Engineering (AI&ML)	120
6	Computer Science & Engineering (DS)	120
7	Computer Science & Information Technology	120
8	Electronics & Communication Engineering	180
9	Electrical & Electronics Engineering	60
10	Information Technology	180
11	Mechanical Engineering	60
12	Computer Science & Engineering - Hindi	60
	M.Tech.	
13	Computer Science & Engineering	18
14	Electronics & Communication Engineering	18
15	Electrical & Electronics Engineering	18
16	Mechanical Engineering	09
17	**MCA**	120

•Name of Programmes **Accredited by NBA**

(1) Computer Science & Engineering

(2) Electronics & Communication Engineering

(3) Electrical Engineering

(4) Information Technology

(5) Mechanical Engineering

•Status of Accreditation of the Courses: **Accreditation of above 05 UG courses are valid till 30 June,2025**

- Total number of Courses: **17**
- No. of Courses for which applied for Accreditation: **NA**
- Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses): **Courses are accredited till 30 June,2025**

•For each Programme the following details are to be given (Preferably in Tabular form):

- Name
- Number of seats
- Duration
- Cut off marks/rank of admission during the last three years
- Fee (as approved by the state government)
- Placement Facilities
- Campus placement in last three years with minimum salary, maximum salary and average salary

S.No.	**Branch Name**	**Seats**	**Duration**	**Entry Level**	**Fee in Rs.**	**Placement Facilities**
	B.Tech.					
1	Artificial Intelligence & Machine Learning	60	4 Years	10+2	1,11,256/-	Yes
2	Civil Engineering	30	4 Years	10+2	1,11,256/-	Yes
3	Computer Science & Engineering	180	4 Years	10+2	1,11,256/-	Yes
4	Computer Science	150	4 Years	10+2	1,11,256/-	Yes
5	Computer Science & Engineering (AI&ML)	120	4 Years	10+2	1,11,256/-	Yes

6	Computer Science & Engineering (DS)	120	4 Years	10+2	1,11,256/-	Yes
7	Computer Science & Information Technology	120	4 Years	10+2	1,11,256/-	Yes
8	Electronics & Communication Engineering	180	4 Years	10+2	1,11,256/-	Yes
9	Electrical & Electronics Engineering	60	4 Years	10+2	1,11,256/-	Yes
10	Information Technology	180	4 Years	10+2	1,11,256/-	Yes
11	Mechanical Engineering	60	4 Years	10+2	1,11,256/-	Yes
12	Computer Science & Engineering (Hindi)	60	4 Years	10+2	1,11,256/-	Yes
	M.Tech.					
13	Computer Science & Engineering	18	2 Years	B.Tech.	1,11,256/-	Yes
14	Electronics & Communication Engineering	18	2 Years	B.Tech.	1,11,256/-	Yes
15	Electrical & Electronics Engineering	18	2 Years	B.Tech.	1,11,256/-	Yes
16	Mechanical Engineering	09	2 Years	B.Tech.	1,11,256/-	Yes
17	MCA	120	2 Years	Graduation	1,11,256/-	Yes

Last Rank for admission during last three years

S. No.	**Branch**	**2021-22**	**2022-23**	**2023-24**
1	AI&ML	91957	145861	132460
2	CSE	68148	76815	96796
3	CS	75264	105583	140079
4	CSIT	91685	130108	174630
5	CS (AIML)	67772	96004	121416
6	CS (DS)	80546	106105	146178

7	ECE	163285	227640	313898
8	EN	359985	660156	614018
9	IT	100674	133022	155110
10	ME	464250	326910	608919
11	CIVIL	637620	420588	418364
12	CSE(Hindi)	Not Started	340772	337160
13	MCA	3340	15050	9060

Placement Facilities

AKGEC believes that each student is a valuable resource. The placement cell focuses on each student to maximize his/her career prospects and assists him/her in achieving the same. Students are placed through campus recruitment programs. The Training and Placement Cell is committed to fulfilling the dreams of all those who graduate from A.K.G. Engineering College. Objective of the placement cell is to place students in good companies. This is achieved through campus selections conducted in the college for which the students are trained in aptitude, technical and soft skills, much ahead of campus selections. The Cell believes in overall development of the students' personality, which will help them to achieve a rewarding career.

Number of students placed by College through its placement Cell

Year	S.No.	Branch Name	Number of Students Placed	Minimum Salary in Lakhs per Annum	Maximum Salary in Lakhs per Annum	Average Salary in Lakhs per Annum
2021-22	1	Civil Engineering	22	2.04	6.5	3.8
	2	Computer Science & Engineering	179	2.52	113	5.95
	3	Electronics & Communication Engineering	162	3	25	4.6
	4	Electronics & Instrumentation Engineering	21	2.4	7	3.95
	5	Electrical & Electronics Engineering	90	2.1	10	4
	6	Information Technology	123	2.75	32.41	5.4
	7	Mechanical Engineering	97	1.8	10	4.09
	8	MCA	57	2.5	6.5	3.9

2022-23	1	Civil Engineering	44	2.08	8	4.1
	2	Computer Science	63	3.25	16	5.51
	3	Computer Science & Engineering	185	2	33.8	5.13
	4	Computer Science & Information Technology	64	2.1	25	5.34
	5	Information Technology	180	1.8	25	4.98
	6	Electronics & Communication Engineering	167	1.8	12.5	4.39
	7	Electronics & Instrumentation Engineering	13	3.6	11	4.88
	8	Electrical & Electronics Engineering	92	1.92	8.5	4.24
	9	Mechanical Engineering	86	1.8	8	3.9
	10	MCA	39	3	7	3.62
2023-24	1	Civil Engineering	32	2.4	7.25	4.11
	2	Computer Science	61	1.8	42.75	5.24
	3	Computer Science & Engineering	99	3	55.5	5.61
	4	Computer Science & Engineering (AIML)	36	1.8	7.25	4.67
	5	Computer Science & Information Technology	39	1.44	8.1	4.6
	6	Information Technology	64	3	7.5	4.7
	7	Computer Science & Engineering (DS)	28	1.44	24.73	5.31
	8	Electronics & Communication Engineering	95	2.5	8	4.18
	9	Electrical & Electronics Engineering	61	1.2	7.25	4.22
	10	Mechanical Engineering	54	2.5	7.15	4.63
	11	MCA	14	3	4.58	3.6

- Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: **NA**

- Details of the Foreign University
- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration

- For each Programme Collaborated provide the following: **NA**

- Programme Focus
- Number of seats
- Admission Procedure
- Fee (as approved by the state government)
- Placement Facility
- Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/
- Foreign University has applied to AICTE for approval

7. Faculty

- Course/Branch wise list Faculty members:
  - Permanent Faculty
  - Adjunct Faculty
  - Permanent Faculty: Student Ratio

Name of Course	Total sanctioned intake for four years	Total faculty required from First to Final Years	Permanent Faculty Available				FSR	No. of Adjunct Faculty
B.Tech.			**Professor**	**Associate Professor**	**Assistant Professor**	**Total**		
Artificial Intelligence & Machine Learning	240	12	1	0	11	12	01:20	NIL
Civil Engineering	180	9	1	0	8	9	01:20	03
Computer Science & Engineering	720	36	4	2	30	36	01:20	09
Computer Science	540	27	3	4	20	27	01:20	NIL
Computer Science & Engineering (AI&ML)	450	23	0	2	21	23	01:20	NIL
Computer Science & Engineering (DS)	420	21	2	1	18	21	01:20	NIL
Computer Science & Information Technology	450	23	2	0	21	23	01:20	NIL
Electronics & Communication Engineering	720	36	3	4	29	36	01:20	05
Electrical & Electronics Engineering	300	15	3	2	10	15	01:20	02
Information Technology	720	36	4	6	26	36	01:20	06
Mechanical Engineering	300	15	3	1	11	15	01:20	02
Computer Science & Engineering (Hindi)	180	9	0	1	8	9	01:20	NIL

M.Tech.								
Computer Science & Engineering	36	3	1	0	2	3	01:15	NIL
Electronics & Communication Engineering	36	3	0	2	1	3	01:15	NIL
Electrical & Electronics Engineering	36	3	3	2	10	15	01:15	NIL
Mechanical Engineering	18	3		3	1	11	01:15	NIL
MCA	240	12	1	2	9	12	01:20	NIL
Total		**286**	**29**	**32**	**225**	**286**		**27**

- **Number Faculty employed and left during the last three years**

Sl. No.	**Academic Year**	**Total number of Faculty Joined**	**Total number of Faculty Left**
1	2023-24	58	46
2	2022-23	73	44
3	2021-22	41	61

8. Profile of Director

<table>
<tr><td colspan="3">Name of Teaching Staff</td><td colspan="3">Dr. Hemant Ahuja</td><td colspan="3" rowspan="5">  </td></tr>
<tr><td colspan="3">Designation</td><td colspan="3">Director</td></tr>
<tr><td colspan="3">Department</td><td colspan="3">Electrical & Electronics Engineering</td></tr>
<tr><td colspan="3">Date of joining the Institution:</td><td colspan="3">2nd August 2021</td></tr>
<tr><td>Date of Birth</td><td>9th Feb 1979</td><td>Unique ID</td><td colspan="3">1-3182450648</td></tr>
<tr><td colspan="3" rowspan="2">Qualifications with Class/Grade</td><td>UG (Degree Name):
B. Tech (Electrical Engineering)</td><td>PG (Degree Name):
M. Tech (Energy & Environmental Management)</td><td colspan="3">PhD:
(Electrical Engineering)</td></tr>
<tr><td>Percentage /CGPA
7.06% (Honors)</td><td>Percentage /CGPA
9.55 CGPA, Gold Medal</td><td colspan="3">-</td></tr>
<tr><td colspan="3" rowspan="2">Total Experience in Years
(Should not be repeated)</td><td>Teaching (Excluding Research)</td><td>Industry</td><td>Research</td><td colspan="2">Others</td></tr>
<tr><td>22</td><td>01</td><td>-</td><td colspan="2">-</td></tr>
<tr><td colspan="3" rowspan="2">No. of Papers Published in Journals</td><td colspan="3">National</td><td colspan="3">International</td></tr>
<tr><td colspan="3">04</td><td colspan="3">08</td></tr>
<tr><td colspan="3" rowspan="2">No. of Papers Presented in Conferences</td><td colspan="3">National</td><td colspan="3">International</td></tr>
<tr><td colspan="3">02</td><td colspan="3">24</td></tr>
<tr><td colspan="3">Area of Specialization</td><td colspan="6">Renewable Energy, Power Electronics</td></tr>
<tr><td colspan="3" rowspan="2">PhD Guide? Give field & University</td><td colspan="3">Field</td><td colspan="3">University</td></tr>
<tr><td colspan="3">Renewable Energy
Electrical Vehicles</td><td colspan="3">MRIU, Faridabad
Amity University, Noida</td></tr>
<tr><td colspan="3" rowspan="2">No. of PhDs/Projects Guided</td><td>PhDs Ongoing</td><td colspan="2">PhDs Completed</td><td colspan="3">Projects at Master level</td></tr>
<tr><td>2</td><td colspan="2">-</td><td colspan="3">4</td></tr>
<tr><td colspan="3">Research Guidance (Number of Students)</td><td>No. of Papers Published in National Journals</td><td colspan="2">No. of Papers Published in National Conferences</td><td>No. of Papers Published in International Journals</td><td colspan="2">No. of Papers Published in International Conferences</td></tr>
</table>

	-	-		01	02
Books Published/IPRs (Books Details- Title/ISBN/Publisher/Year)	-				
Projects Carried Out	Two research projects under Collaborative Research & Innovation Program (CRIP) funding, worth 6 Lacs, through TEQIP-III of Dr. A.P.J AKTU, Lucknow: 1. Control Strategy of a Wind Energy Conversion System for Off Shore and Smart Grid Applications –Principal investigator 2. Reward based Smart Waste Management using waste segregation – Co-Principal investigator				
Courses Taught	**Diploma**	**Post Diploma**	**Under Graduate**	**Post Graduate**	**Post Graduate Diploma**
	-	-	Basic Electrical Engg. Networks and Systems Electrical Machines Power Electronics Elect. Measurements	Power Converters	-
Patent (Filed/Granted)	02 Patents Filed and 06 published				
Professional Memberships	IEEE, PES, IEI, ISTE				
Grants Fetched / Awards	Prof. O. P. Gupta Medal (Gold Medal) for scoring highest CGPA in M.Tech., awarded by IIT Delhi				
Interaction with Professional Institutions	• Member, Board of Studies - Electrical Engineering/Electrical & Electronics Engineering, Dr. A. P. J. Abdul Kalam Technical University, Lucknow since 2016 • Member, Board of Studies - Electrical Engineering - Nirwan University Jaipur				
Technology Transfer	-				

9. Fee

•Details of Fee, as approved by State Fee Committee, for the Institution

B.Tech, M.Tech. & MCA Course fees Rs. 1,11,256/- per year

•Time schedule for payment of Fee for the entire Programme

Charged Annually

•No. of Fee waivers granted with amount and name of students

Total 67 students were admitted in the year 2023-24 under TFW (Tuition Fee Waiver) category by AKTU, Lucknow.

S. No.	Name of the Student	Branch
1	SHIVAM SINGH	AIML
2	RAHUL KUMAR GUPTA	AIML
3	IBRAHIM KHAN	AIML
4	ADITYA VERMA	CS
5	SANDEEP GUPTA	CS
6	HARSH KUMAR	CS
7	NAVNEET RAJPUT	CS
8	ACHAL VISHNOI	CS
9	RISHABH PATEL	CS
10	ABHISHEK YADAV	CS
11	SUMIT JAISWAL	CS(HINDI)
12	PRIYA	CS(HINDI)
13	HIMANSHU PANDEY	CS(HINDI)
14	RAVI BALIYAN	CSE
15	SRAYANSH GUPTA	CSE
16	PIYUSH CHAUHAN	CSE
17	DEV SHARMA	CSE
18	VINAY KUMAR SHARMA	CSE
19	KRISHNA AGARWAL	CSE
20	SURYANSH TIWARI	CSE
21	AYUSH AGRAWAL	CSE
22	MOHD SAMI	CSE
23	MAURYA ADITYA RAMBAHADUR	CSE
24	RACHIT DAKSH	CSE-AIML
25	ANURAG SINGH	CSE-AIML
26	RITIK TAYAL	CSE-AIML
27	ROHAN TIWARI	CSE-AIML
28	SIDDHARTH RAI	CSE-AIML
29	ARANNAV SAXENA	CSE-AIML
30	PRATHAM SHARMA	CSE-AIML
31	RAMU CHAURASIYA	CSE-DS
32	VISHAL SRIVASTAVA	CSE-DS

33	JATIN GARG	CSE-DS
34	ANUJ SINGH CHAUHAN	CSE-DS
35	ADITYA GARG	CSE-DS
36	RUDRA PRATAP PAL	CSE-DS
37	ARCHIT AGRAWAL	CSE-DS
38	AMAN RAI	CSIT
39	MUHAMMAD KAIF	CSIT
40	HARSHIT VERMA	CSIT
41	ABHISHEK RAJDHAR DUBEY	CSIT
42	AKASH VARSHNEY	CSIT
43	ABHINAV SINGH	CSIT
44	KAUSEN ANSARI	CSIT
45	SHOBHIT MAURYA	ECE
46	HARSHIT VARSHNEY	ECE
47	JATIN GOLA	ECE
48	AYUSH SRIVASTAVA	ECE
49	VIKAS YADAV	ECE
50	AYUSH SINGH	ECE
51	VISHAL SINGH	ECE
52	ADITYA SINGH	ECE
53	ADITYA KUMAR MISHRA	ECE
54	DURGESH KUMAR VERMA	ECE
55	PRANJAL SINGH	EN
56	ABHISHEK GUPTA	EN
57	NIKHIL KUMAR GAUR	EN
58	VIJAY KATIYAR	IT
59	SHIVANG YADAV	IT
60	VISHAL KUMAR YADAV	IT
61	DEVANSH GUPTA	IT
62	ROHIT VISHWAKARMA	IT
63	YUGANK UPADHYAYA	IT
64	ARPIT MISHRA	IT
65	SHOBHIT SRIVASTAVA	IT
66	RACHIT KESARWANI	IT
67	MOHAMMAD RAZA	IT

•Number of scholarship offered by the Institution, duration and amount (2023-24)

Sl. No.	**Category**	**Number of Students**	**Amount in Rs.**
1	SC/ST	151	₹ 1,89,65,070.00
2	General	375	₹ 2,17,46,756.00
3	OBC	618	₹ 3,48,60,056.00
4	Minority	40	₹ 22,63,556.00
	Total	**1184**	**₹ 7,78,35,438.00**

•Criteria for Fee waivers/scholarship

ACADEMIC PERFORMANCE AWARDS FOR STUDENTS

POSITION AT UNIVERSITY LEVEL (Final Year)

Across The Branches

First Position Holder	Rs. 50000/-
Second Position Holder	Rs. 45000/-
Third Position Holder	Rs. 40000/-
Fourth to 10th Position Holder	Rs. 30000/-

Branch-wise

First Position Holder	Rs. 40000/-
Second Position Holder	Rs. 35000/-
Third Position Holder	Rs. 30000/-
Fourth to 10th Position Holder	Rs. 25000/-

POSITION AT COLLEGE LEVEL (FINAL YEAR)

(Position holders at College level based on combined results of first year to final year)

Across The Branches

AKGEC GOLD MEDAL College Topper	Rs. 20000/-
AKGEC SILVER MEDAL Second Rank	Rs. 15000/-
AKGEC BRONZE MEDAL Third Rank	Rs. 12000/-

Branch-wise

AKGEC GOLD MEDAL First Rank	Rs. 15000/-
AKGEC SILVER MEDAL Second Rank	Rs. 12000/-
AKGEC BRONZE MEDAL Third Rank	Rs. 10000/-

POSITION AT UNIVERSITY LEVEL (Other than Final Year)

(Across The Branches / Branch-wise)

First Position Holder	Rs.25000/-
Second Position Holder	Rs.20000/-
Third Position Holder	Rs.15000/-
Fourth to 10th Position Holder	Rs.10000/-

POSITION AT COLLEGE LEVEL (Other than final year)

College Topper (Year wise amongst all branches)	Rs.10000/-

Branch-wise

First Position	Rs.5000/-
Second Position	Rs.4000/-
Third Position	Rs.3000/-

Performance in Internal exams
(Section-wise)

Criteria of Attendance	90% and above Best Student	Rs. 2000/- (Rs. 3000 if 100%)

	90% and above Second Best Student	Rs. 1000/-
Criteria of ST-1	80% and above Best Student	Rs. 1000/-
Criteria of ST-2	80% and above Best Student	Rs. 2000/-
Criteria of PUT	80% and above Best Student	Rs. 3000/-

Criteria for TFW (Tuition Fee Waiver)

Sons/ Daughters of parents whose annual income from all sources does not exceed Rs. 8.00 Lacs. The Waiver is limited to the Tuition Fee as approved by the State Level Fee Committee for Self-Financing Institutions and by the Government for the Government/ Government aided institutions. All other Fees except Tuition Fee shall have to be paid by the beneficiary.

•Estimated cost of Boarding and Lodging in Hostels

Rs. 125000/- per year per students
*(Hostel Accommodation Charges & Mess Charges for **Triple Seater**)*

•Any other fee please specify: NA

10. Admission

•Number of seats sanctioned with the year of approval 2024-25

	Branch Name	**Intake in 2024-25**
	B.Tech.	
1.	Artificial Intelligence & Machine Learning	60
2.	Civil Engineering	30
3.	Computer Science & Engineering	180
4.	Computer Science	150
5.	Computer Science & Engineering (AI&ML)	120
6.	Computer Science & Engineering (DS)	120
7.	Computer Science & Information Technology	120
8.	Electronics & Communication Engineering	180
9.	Electrical & Electronics Engineering	60
10.	Information Technology	180
11.	Mechanical Engineering	60
12.	Computer Science & Engineering (Hindi)	60
	M.Tech.	
13.	Computer Science & Engineering	18
14.	Electronics & Communication Engineering	18
15.	Electrical & Electronics Engineering	18
16.	Mechanical Engineering	09
17.	**MCA**	120

•Number of Students admitted under various categories each year in the last three years

Year 2023-24

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	AI&ML	60	73
2	CIVIL	30	19
3	CSE	180	221
4	CS	150	181
5	CSIT	120	148
6	CSE(AIML)	120	147
7	CSE(DS)	120	146
8	ECE	180	217
9	EN	60	50
10	IT	180	219
11	ME	60	30
12	CSE(H)	60	72
13	MCA	120	91
	TOTAL	**1440**	**1614**

Year 2022-23

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	AI&ML	60	64
2	CIVIL	60	19
3	CSE	180	200
4	CS	120	133
5	CSIT	120	135
6	CSE(AIML)	120	133
7	CSE(DS)	120	132
8	ECE	180	199
9	EN	60	33
10	IT	180	201
11	ME	60	24
12	CSE(H)	60	60
13	MCA	60	65
	TOTAL	**1380**	**1398**

Year 2021-22

Sl. No.	Branch	Sanctioned Intake	Actual Admission
1	AI&ML	60	59
2	CIVIL	60	31
3	CSE	180	194
4	CS	120	132
5	CSIT	90	95
6	CSE(AIML)	90	90
7	CSE(DS)	60	64
8	ECE	180	167
9	EN	120	40
10	IT	180	196
11	ME	180	26
12	MCA	60	66
	TOTAL	**1320**	**1160**

- **Number of applications received during last two years for admission under Management Quota and number admitted**

Year 2023-24

Total around 4,250 applications has been received for admission under management quota. 370 students were admitted under management quota.

Year 2022-23

Total around 4,000 applications has been received for admission under management quota. 388 students were admitted under management quota.

Year 2021-22

Total around 4,000 applications has been received for admission under management quota. 188 students were admitted under management quota.

11. Admission Procedure

- **Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)**

All admissions are made through State entrance examination for degree level engineering institutions conducted by Dr. APJ Abdul Kalam Technical University, Lucknow, U.P.

For further details, the following website may be visited:

Website: https://aktu.ac.in/

- **Number of seats allotted to different Test Qualified candidate separately AIEEE/CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)**

All Candidates are allotted seats based on JEE (Joint Entrance Examination) rank.

- **Calendar for admission against Management/vacant seats:**
  - **Last date of request for applications:**

    First Week of July every year depending upon the counselling by the AKTU.

  - **Last date of submission of applications:**

    Mid of July every year depending upon the University guidelines.

  - **Dates for announcing final results:**

Third week of July every year depending upon the University guidelines.

- **Release of admission list (main list and waiting list shall be announced on the same day)**

  Within 2-3 days after announcing results

- **Date for acceptance by the candidate (time given shall in no case be less than 15days)**

  Within 1 week after releasing the admission list

- **Last date for closing of admission:**

  15th of August every year depending upon the guidelines by University

- **Starting of the Academic session:**

  1st August every year subject to University guidelines for the same

- **The waiting list shall be activated only on the expiry of date of main list:**

  Yes

- **The policy of refund of the Fee, in case of withdrawal, shall be clearly notified:**

In case of cancellation of admission, fee will be refunded as per the AICTE notification and G.O. passed by the U.P. Government.

S.No.	REQUEST FOR REFUND	REFUND
a.	Request received before start of academic session	Entire fee after deduction of Rs.1000/-
b.	Request received after start of academic session / last date of admission and seat remaining vacant after the last date of admissions.	Caution money only

In case of withdrawal from hostel, only security and mess charges on a pro rata basis (for unutilized months) are refundable.

12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Programme	Duration	Eligibility
Engineering & Technology	4-years	Passed 10+2 examination with Physics/ Mathematics / Chemistry/ Computer Science/Electronics/Information Technology/ Biology/Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/Entrepreneurship. (Any of the three) Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together. **OR** Passed min. 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted. (The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme)
MCA	2-years	Passed B.C.A/ B.Sc. (Computer Science)/ B.Sc. (IT) / B.E. (CSE)/ B.Tech. (CSE) / B.E. (IT) / B.Tech. (IT) or equivalent Degree. OR Passed any graduation degree (e.g.: B.E. / B.Tech. / B.Sc / B.Com. / B.A./ B. Voc./ etc.,) preferably with Mathematics at 10+2 level or at Graduation level Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination. (for students having no Mathematics background compulsory bridge course will be framed by the respective University/ Institution and additional bridge courses related to computer subjects as per the norms of the concerned University).

Candidates have to appear in the UPTAC (Uttar Pradesh Technical Admission Counselling) apart from qualification given above to get the admission.

- **Mention the minimum Level of acceptance, if any**

Not Applicable

- **Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years**

Rank during last three years

S.No.	Branch	2021-22	2022-23	2023-24
1	AI&ML	91957	145861	132460
2	CSE	68148	76815	96796
3	CS	75264	105583	140079
4	CSIT	91685	130108	174630
5	CS (AIML)	67772	96004	121416
6	CS (DS)	80546	106105	146178
7	ECE	163285	227640	313898
8	EN	359985	660156	614018
9	IT	100674	133022	155110
10	ME	464250	326910	608919
11	CIVIL	637620	420588	418364
12	CSE(H)	Not Started	340772	337160
13	MCA	3340	15050	9060

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

Yes

13. List of Applicants

- **List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)**

Admission are done as per University Guidelines.

14. Results of Admission Under Management seats/Vacant seats

- **Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)**

The admission committee comprising Director General, Dean First Year, Registrar of Institute make admission under Management Quota seats according to the PCM merit at 10+2 level.

- **Score of the individual candidate admitted arranged in order or merit**

Admission are done as per University Guidelines.

- **List of candidate who have been offered admission**

Admission are done as per University Guidelines.

- **Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate**

Admission are done as per University Guidelines.

- **List of the candidate who joined within the date, vacancy position in each category before operation of waiting list**

Admission are done as per University Guidelines.

15. Information of Infrastructure and Other Resources Available

- **Number of Class Rooms and size of each**

Total 70 classrooms with area of 90 Sq.M each

- **Number of Tutorial rooms and size of each**

Total 16 Tutorial rooms with area of 45 Sq.M each

- **Number of Laboratories and size of each**

Total 109 laboratories

- **Number of Workshop and CADD centre with capacity of each**

05 Workshops and 05 CADD center

- **Number of Drawing Halls with capacity of each**

02 Drawing halls with area of 165 Sq.M each

- **Number of Computer Centres with capacity of each**

Total 04 Computer Centres, 1 with capacity of 60 students and other 3 with capacity of 30 students each.

•**Central Examination Facility, Number of rooms and capacity of each**

College has central examination office which is responsible for the administration of examinations. Total rooms available in college for conduct of examination is around 50 with seating of 40 students each.

•**Online examination facility (Number of Nodes, Internet bandwidth, etc.)**

Number of Nodes: 1389
Bandwidth: More than 1100 MBPS

•**Barrier Free Built Environment for disabled and elderly persons**

To facilitate convenient entrance of disabled and elderly persons to various college buildings ramps alongside stairs have been made on the entrance of ground floor of Main Block, ME Block, LT Block, CS/IT Block. Facility of a special toilet for disabled persons has also been provided in CS / IT Block. The college also has the facility of lifts in Main Block, CS / IT Block, Girls Hostel 3 and Boys Hostel 3.

•**Occupancy Certificate**
Yes **(Attached as Appendix 'A')**

•**Fire and Safety Certificate**
Yes **(Attached as Appendix 'B')**

•**Hostel Facilities**
The college has six hostels in its campus. Three hostels are for boys and three hostels are for girls. The total capacity of hostels is 1597 seats out of which 932 for boys and 655 for girls. Presently 923 boys and 625 girls are residing in the hostels.

The details of facilities existing in the hostels are as follows.

S. No.	**Facilities**	**Place**		**S. No.**	**Facilities**	**Place**
1	24x7 Wi Fi	All hostels		14	Canteen	BH-1,2,3 & common for GH
2	TV room	All hostels		15	Ambulance	Common for all
3	Dining hall with mess facilities	All hostels GH-2 is combined with GH-3		16	First Aid box	All hostels
4	Water cooler along with	All hostels		17	Football and crick	Common for all

	aqua guard on each floor and dining hall				et grou nd	
5	Room cleaning facilities	All hostels		18	Hot wate r facili ties in wint er	All hostels
6	TT room	GH-1,3 & BH-1,3		19	New s pape r facili ties	All hostels
7	Visitors room	All hostels		20	High drain wate r pum ps for fire fighti ng	GH-3 & BH-3
8	Gym and Power lifting room	GH-1,3 & BH-1,3		21	Fire extin guish er	All hostels
9	Library room	All hostels		22	Voll ey ball court	Separate for boys and girls hostels
10	Badmint on court	All hostels		23	Kho Kho	Separate for boys and girls hostels
11	Basketba ll court	One each for GH & BH		24	Kaba ddi	Separate for boys and girls hostels
12	Pool game room	BH-1,2		25	Long Jump pit	Separate for boys and girls hostels
13	SSB series obstacles	Common for all		26	High Jump pit	Separate for boys and girls hostels

All existing sports and recreational facilities in the hostels are well maintained and extensively used. The management of all the hostel libraries (Boys & Girls) is being done by the students and its usage has been increasing.

All hostel rooms have been provided with curtains and bedding comprising of one mattress, one pillow, two bed sheets, two bed covers and two pillow covers. A new library and wet canteen in the boys hostel III has been created. Some new facilities have been added to hostels like fabricated mosquito net doors in all the bath rooms. Also, all the wet canteens in the various hostels have been renovated and upgraded to provide better services to the hostellers. Two pool tables have been procured for the boys hostels I and II. Yoga classes for girl hostlers were conducted regularly. Part time coaches have been appointed to give coaching in evening for sports activities like Volleyball, Table Tennis, Kho Kho, Kabaddi, Football, Basket Ball, Badminton and Athletics.

CENTRAL LIBRARY:

Number of Library books/ Titles/ Journals available (Programme-wise)

S. No.	Courses	Number of titles of the books	Number of volumes of the books	National Journals
1	B. Tech - CSE	589	13863	6
2	B. Tech - CSE (AI&ML)	337	3164	6
3	B. Tech - CSE (DS)	342	4987	6
4	B. Tech - CS	386	5453	6
5	B. Tech - CSE (Hindi)	273	1672	6
6	B. Tech - AIML	279	1693	6
7	B. Tech - IT	593	13672	6
8	B. Tech - CS&IT	378	4712	6
9	B. Tech - ECE	596	13964	6
10	B. Tech - ME	584	6874	6
11	B. Tech - EE/EN	593	6618	6
12	B. Tech - CE	586	7126	6
13	MCA	587	11264	6
14	M. Tech - CSE	253	2459	6
15	M. Tech - EN	187	2473	6
16	M. Tech - ECE	139	2416	6
17	M. Tech - ME	223	2452	6
18	Applied Sc.	834	39855	4
	Total	**7759**	**144717**	**106**

List of online National/ International Journals subscribed

E-Journals:

S. No.	Publication	Subject Areas	Access
1.	IEEE ASPP online	CSE, ECE, MCA	197 Journals
2.	Elsevier e-Journals Package – Engineering & Computer Science	CSE, ECE, EN, ME, MCA	275+ Journals
3.	ASME Digital Collection (ASME e-Journals + AMR eSS)	ME	33 Journals
4.	DELNET	General Engineering & Reference	Access Millions of Networked Library Resources: 5,000+ Full-text E-journals, 40,000+list of Journals, 1,00,000+ Thesis/Dissertations & 2,90,00,000+ Books available for loan
5.	National Digital Library of India (NDL)	General Engineering & Reference	64,651,364 resources of Engineering, Science, Humanities etc.
6.	MyLOFT Subscription Services	Access all Database through mobile / system	Remote access also
		Total:	**505+ E-journals, 2,91,00,000 Database**

Others:

S. No.	Publication	Subject Areas	Access
1.	DELNET	General Engineering & Reference	Access Millions of Networked Library Resources: 5,000+ Full-text E-journals, 40,000+list of Journals, 1,00,000+ Thesis/Dissertations

			& 2,90,00,000+ Books available for loan
2.	National Digital Library of India (NDL)	General Engineering & Reference	64,651,364 resources of Engineering, Science, Humanities etc.

E-Books:

E-books subscribed on one time purchase basis (perpetual mode) in the year 2020/2021/2022.

S. No.	Name of Publishers / E-Books	Year			Total
		2020	2021	2022	
1.	Taylor & Francis	6000	6600	6600	19200
2.	Springer Nature	4248	-	10524	14772
3.	Elsevier Science Direct	-	-	325	325
4.	Cambridge University Press	-	1666	1314	2980
5.	McGraw Hill	159	-	105	264
6.	Pearson Education	-	94	-	94
7.	BSP Books (Pharmed Press)	-	149	119	268
8.	PHI Learning	-	-	111	111
9.	Oxford University Press	-	-	68	68
10.	New Age International	-	-	220	220
	Total	**10407**	**8509**	**19386**	**38302**

Others:

S. No.	Name of Publishers / E-Books	Subject Areas	Access
1.	DELNET	General Engineering & Reference	Access Millions of Networked Library Resources: 2,90,00,000+ Books available for loan

2.	National Digital Library of India (NDL)	General Engineering & Reference	64,651,364 resources of Engineering, Science, Humanities etc.

About Library System:

The AKGEC Library System comprises of a Central Library, eight Departmental Libraries and five Hostel Libraries which collectively support teaching, research and extension programmes of the Institute.

The Central Library, housed in the Administrative Block of the College, consists of two sections spread over 1465 Sq Mtrs with a total seating capacity for 344 users. Comfortable study space is provided for faculty, staff and students in the form of reading hall, study cubicles, digital library and faculty reading room.

The library system is very user friendly with sufficient resources to meet the requirements of the users. Addition of resources as per the requirements and norms is a regular feature. Sufficient numbers of qualified staff are employed to manage the activities of the library.

The state-of-the-art facilities include KOHA Open Source Library Management Software which also has Web Based Online Public Access Catalogue (Web OPAC) from 2014, Digital Library/Institutional Repository Server on DSpace software, Membership to DELNET and National Digital Library which has a collection of more than 6 Lac resources of Engineering, Science, Humanities available for use by all the stakeholders. The library subscribes to a variety of e-Journals including access to IEEE ASPP online journals, Elsevier e-Journals Package – Engineering & Computer Science, ASME Digital Collection through authorized Distributors. The e-books subscribed on one time purchases basis (perpetual mode) in the year 2020/2021/2022 through Nalanda E-consortium, be access through MyLOFT subscription services and Remote access facilities.

The Departmental and Hostel libraries are managed and run by the respective departments and hostels with resources taken on loan from Central Library.

All students, faculty and staff of the College are entitled to take membership and make use of the library facilities.

Admission to the Central Library is through Identity/Library Card which is scanned at the entrance to keep record of the users. The library is under camera surveillance through ten cameras that have been installed at various locations.

The library attracts an average of 350 users on a regular working day.

The URL is Central Library - AJAY KUMAR GARG ENGINEERING COLLEGE (akgec.ac.in)

Library Automation:

The library is managed by computerized automation through library management software KOHA, which is an integrated multi-user library management system that supports all in-house operations of the library with Barcode. The KOHA consists of modules on acquisition, cataloging, circulation, periodical, article indexing, and Web OPAC.

Web OPAC:

Web based Online Public Access Catalogue (Web OPAC) has been introduced for library data search by users. Web OPAC is a powerful search engine for finding any cataloguing information from KOHA bibliographic database on-line. The resources can be searched on internet based on title of the book, author of the book, subject, publication or accession number of the book.

Library Membership:

At the time of joining the college, users approach the library for membership. The user submits a form filled by them. A photograph is taken in the library by a college photographer. It is used for library cards and LMS. Based on these, the Director-General approves & a bar-coded library card is issued. Whenever a user loses his library card, he is issued a new card based on an application given by the student, and old card details are blocked and a duplicate card is activated.

Their entitlements, in terms of the number of books that can be borrowed by them, are as follows:

Faculty members :- Two books for semester and three books for a month

Staff members :- Two books for a month

PG students :- Three books for a month

UG students :- Two books for ten days

Students are provided Book Bank Books for each subject for the entire semester

Two extra books are provided to the eligible students for one month under the Social Welfare Scheme.

A special facility is provided to the meritorious students in the form of issue of three extra books for one month.

In case of non-availability (already issued) of the desired book in the library, the book can be reserved for the user for issue after it is returned by another user.

Library Hours:

Monday-Saturday: 8:15 AM to 9:00 PM

Sunday and Holidays: Closed

(Self reading area for students is kept open from 9AM to 5 PM on Sunday/Holiday)

Special arrangements are made to keep the Library open up to **12 O'clock** midnight before and during

the minor and major examinations.

Knowledge Resources:

The Central Library of the college has an invaluable collection of text and reference books, journals and e-books, e-journals and a variety of multi-media resources. At present, the total number of titles and volumes on Science, Technology, Humanities and Management are around one lac and thirty-one thousand respectively including book bank books (Total Book collection 1,44,717, Lending Section Books and Reference Section Book collection 39011, Book Bank book collection 1,05,706). The library subscribes to over 505+ E-resources/International Journals, 38302 E-books and over 106 National Journals. The digital library has a diverse collection of over 7371 multimedia resources. In addition, the library maintains seminar reports, project reports and thesis of students. A separate section with more than 1000 books on personality development and competitive examination preparation are available. All these resources are constantly getting added and increased. The Central Library subscribes to more than 26 magazines and 11 newspapers.

Reference Section:

The Central Library maintains a separate reference collection consisting of text books, reference books, encyclopedias, handbooks, dictionaries and competitive books for GATE, CAT, GRE and GMAT. One copy of each title is kept in Not-For-Issue (NFl)/Reserved Section for the reference of the users within the library only. The Reference Section resources may be issued, if necessary, for overnight after permission from the Senior Librarian.

Reference staff is also available in the reference section/reading section to suggest sources of information and to assist in locating the required resources.

Reference Section hosts sitting area which includes cubicles to facilitate privacy without any disturbance to other students.

Digital Library:

E-journals & E-books:

E-journals & E-books are utilized by the user in the following ways:-

1. Can browse on the digital library systems and anywhere in the campus and outside campus through MyLoft.
2. Can download and take a copy on Pen Drive, CD/DVD.
3. Can also send by email etc.

Report of the usage is collected from the publisher on yearly basis and after analysis a decision is taken for renewal of membership. The library provides access to IEEE ASPP online journals, Elsevier e-Journals Package – Engineering & Computer Science, ASME Digital Collection through authorized

Distributors. The e-books subscribed on one time purchases basis (perpetual mode) in the year 2020/2021/2022 through Nalanda E-consortium, be access through MyLOFT subscription services and Remote access facilities.

National Digital Library(NDL) subscription details:

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

AKGEC Central Library has taken Institutional Member of NDL. College is also set NDLI club with the help of NDLI Club Team of IIT Kharagpur. The club registration Number is INPUNC3YYKGS43G.

CD/DVD:

CD/DVD received along with books are entered in the CD/DVD stock register and given to the student as and when they are required for viewing on the computer system.

Institutional Membership/ Inter Library Loan:

The Central Library offers inter-library loan service to its users for the books and periodicals not available in the AKGEC Library by procuring them from other libraries. The AKGEC library has membership of DELNET and National Digital Library which facilitate sharing of resources among

member libraries.

DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries. Members of AKGEC Central Library can utilize this facility through central library. The resources available under DELNET network include Union Catalogue of Books and Periodicals and database of thesis and dissertations.

Question Papers and Model Solutions:

AKGEC central library maintains a Question Papers & Model Solutions Bank consisting of previous question papers of Sessional, PUT (Pre-University Test), and University Examinations along with their model solutions prepared by the respective subject teachers. The collection is readily available for reference of students in electronic as well as print form in central library and also in electronic form in departmental and hostel libraries for benefit of faculty and students respectively users are allowed to take the documents for making photocopies at the photocopy center.

News Paper Clippings:

Clippings of the latest news related to college events, AICTE, AKTU, and other Engineering Colleges are maintained on a daily basis for ready reference purposes.

Reprographic Service:

The reprographic services are extended through an external outfit that operates within central library premises for easy access by users. The services include photocopying, scanning, print outs, and spiral binding.

Additional Special Facilities:

Departmental Libraries:

There are eight departmental libraries which have collection of subject books, project reports and old issues of journals relating to their Branch. The resources are provided on loan from the Central Library on semester basis. The departmental libraries are open for use by faculty members and are managed by the respective departments.

Hostel Libraries:

The five Hostel Libraries, two in girls' hostels and three in boys' hostels, maintain general books, novels, books on short stories, personality development and motivational reading. These libraries also maintain newspapers and magazines. Hostel libraries are managed by the students who are paid suitable remuneration.

Reserve Book Section for SC /ST Students:

This section is particularly for the reserved category students viz SC/ST. The books of this section are kept separate so that these students can be benefited.

College Event Photographs:

Event wise photographs are maintained for easy and ready availability of photographs for students.

Laptop Charging Point, Internet Connecting Point and Wi-Fi:

These arrangements facilitate uninterrupted usage of student laptops to allow them work for longer durations.

Fire Alarm System:

A fire Alarm system has been installed in Central Library where smoke sensing devices are installed in the roof. The system facilitates automatic ringing of alarm in case of any smoke so that it can be immediately attended to save from any spreading of fire.

Self-Reading Area:

This area provides space for students to sit with self-reading material in the library which also facilitates consultations and discussions with fellow students. A coffee / Tea vending machine is provided here at subsidised rates to encourage students to visit library.

Faculty Reading Area:

A separate space has been provided in the reference section for use by faculty members.

True Reader Award:

With the aim to encourage students to use the library regularly and inculcate good reading habits, "True Reader Award" has been introduced. The award, including cash prize and certificate, is given to top-user students who use the Central Library for at least 25 hours over minimum 10 days after college hours. Every month 3 top true readers are selected and awarded Rs. 500/- for Ist Rs. 300/- for 2nd and Rs. 200/- for the 3rd winner.

Earn While You Learn:

All hostel libraries are managed by the student coordinators. These student coordinators are interviewed

and recommended by the Dean Library for approval of the Director General. Each student coordinator is paid honorarium Rs. 75/- for his one-hour duty on daily basis. All Libraries of the hostels are opened for Two hours every day in the evening under the supervision of Library student coordinators.

Laboratory and Workshop

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

S. NO,	DEPARTMENT	NAME OF THE LABORATORY	LAB / MAJOR EQUIPMENTS
1	CIVIL ENGINEERING	STRUCTURAL DETAILING LAB	DRAWING TABLES
2	CIVIL ENGINEERING	BUILDING PLANNING & DRAWING LAB	BENTLEY CAD/BIM SOFTWARE
3	CIVIL ENGINEERING	CAD LAB	BENTLEY ACADEMIC SPECIAL OFFERING INCLUDING STAAD PRO, WATER GEM SEWER GEM, GIS AND MX ROAD.NISA SO
4	CIVIL ENGINEERING	CONCRETE LAB	FLOWTABLE MOTERISED, EDI COMPRESSION TESTING MACHINE, LABORATORY CONTRETE MIXER PAN TYPE, ETC.
5	CIVIL ENGINEERING	ENVIROMENTAL ENGINEERING LAB	DIGITAL PH METER, DIGITAL TURBIDITY METER,EASTMAN OVAN, EASTMAN MUFFLE WITH TEMP., DIGITAL TDS METER
6	CIVIL ENGINEERING	FLUID MECHANICS	VENTURI METER AND ORIFICE METER, APPARATUS FOR LAMINAR FLOW AND TURBULENT FLOW,APPARATUS FOR ETC.
7	CIVIL ENGINEERING	GEOTECHNICAL LAB	TRIAXIAL TESTING APP,STATIC CONE PENETROMETER,THREE GANG BENCH TYPE CONSOLIDOMETER, DIRECT SHEAR APP
8	CIVIL ENGINEERING	HYDRAULIC & HYDRAULICS MACHINES LAB	TILTING BED FLOW CHANNEL (LENGH 2.5 MTR., WIDTH: 125MM , DEPTH: 200MM) ETC.
9	CIVIL ENGINEERING	MATERIAL TESTING LAB	COMPRESSION TESTING MACHINE,TENSILE STRENGTH TESTER, AUTOMATIC SIEVING MACHINE
10	CIVIL ENGINEERING	SOLID MECHANICS LAB	CURVED BEAM APPARATUS
11	CIVIL ENGINEERING	SURVEY & GEOMATICS LAB	VT20A1E- "EASTMAN" VERNIER TRANSIT THEODOLITE " ERECT

			IMAGE" SIZE 175 MM ETC. TOTAL STATION 5 SEC AC
12	CIVIL ENGINEERING	TRANSPORTATIO N LAB	LOS ANGLES ABRASION TESTING MACHINE,RING & DIAL GAUGE,DUCTILITY TESTING MACHINE,FILM STRIPPING DEVIC
13	COMPUTER SCEINCE & ENGINEERING	COMPUTER ORGANIZATION LAB/ DISCRETE STRUCTURE & LOGIC LAB / PYTHON PROGRAMMING LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
14	COMPUTER SCEINCE & ENGINEERING	CSE-COMPUTER CENTRE-	60 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
15	COMPUTER SCEINCE & ENGINEERING	DAA LAB / AI LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA.
16	COMPUTER SCEINCE & ENGINEERING	DAA LAB / COMPILER DESIGN LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA
17	COMPUTER SCEINCE & ENGINEERING	DAA LAB / DATA ANALYTICS LAB / COMPUTER NETWORKS LAB	37 COMPUTERS, LASER PRINTER, IP CAMERA
18	COMPUTER SCEINCE & ENGINEERING	DATA STRUCTURE LAB / OPERATING SYSTEMS LAB / AI LAB	36 COMPUTERS, LASER PRINTER, IP CAMERA
19	COMPUTER SCEINCE & ENGINEERING	DATA STRUCTURE LAB / OPERATING SYSTEMS LAB / MINI PROJECT LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
20	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / BIG DATA & ANALYTICS LAB / WEB TECHNOLOGY LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA

21	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / MACHINE LEARNING LAB / WEB TECHNOLOGY LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
22	COMPUTER SCIENCE & ENGINEERING	DBMS LAB / SOFTWARE ENGINEERING LAB / WEB TECHNOLOGY LAB	36 COMPUTERS, LASER PRINTER , IP CAMERA
23	COMPUTER SCIENCE & ENGINEERING	M.TECH. LAB / COMPUTER CENTRE	37 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
24	COMPUTER SCIENCE AND ENGINEERING	MINI PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
25	COMPUTER SCIENCE AND ENGINEERING	MINI PROJECT LAB / PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
26	ELECTRICAL AND ELECTRONICS ENGINEERING	CONTROL SYSTEM LAB	PID CONTROLLER KIT, LINEAR SIMULATOR, AC SERVO MOTOR KIT, DC SPEED CONTROL KIT, DC POSITION CON. ETC
27	ELECTRICAL AND ELECTRONICS ENGINEERING	DIGITAL SIGNAL PROCESSING LAB	DSP KIT WITH PC
28	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL ENGG. LAB	TRANSFORMER 2KVA 220/440V, 1-PHASE & 3-PHASE VARIAC, 3-PHASE INDUCTION MOTOR, DUAL&TRIPLE POWER ETC.
29	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINE-I LAB	3-Φ INDUCTION MOTOR,3-Φ SYNCHRONOUS MOTORS, DC MOTOR, DC GENERATOR, ALTERNATOR, DC RECTIFIER, ETC.
30	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINE-II LAB	INDUCTION MOTOR, DC COMPOUND MOTOR, DSO 50 MHZ
31	ELECTRICAL AND ELECTRONICS ENGINEERING	EMMI LAB	WEIN'S BRIDGE WITH HEADPHONE, MAXWELL BRIDGE, ANDERSON BRIDGE, SCHERING BRIDGE, HAY'S BRIDGE, ETC.
32	ELECTRICAL AND ELECTRONICS ENGINEERING	EN PROJECT LAB	DSO, TRANSFORMER WINDING MACHINE, LCR METER
33	ELECTRICAL AND ELECTRONICS ENGINEERING	M.TECH MICROPROCESSOR & MICROCONTROLLER LAB	DSP KIT WITH PC, 8051 MICROCONTROLLER, PIC MICROCONTROLLER , TMS 3206748 KIT, ADS 8371 KIT

34	ELECTRICAL AND ELECTRONICS ENGINEERING	MICROPROCESSOR & MICROCONTROLLER LAB	8086 AD-LCD KIT,8085 AD LCD KIT, EXPENSION BOARD, DC POWER SUPPLY, STEPPER MOTOR, DSP STARTER, ETC.
35	ELECTRICAL AND ELECTRONICS ENGINEERING	NETWORK ANALYSIS & SYNTHESIS	TRANSIENT RESPONSE OF R.C CIRCUIT & R.L.C CIRCUIT KIT, FREQUENCY RESPONSE OF R.L.C CIRCUIT KIT, ETC.
36	ELECTRICAL AND ELECTRONICS ENGINEERING	PLC & AUTOMATION LAB	HP DESKTOP COMPUTER, P S CADX4,
37	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER CONVERTER LAB	INDUSTRIAL ELECTRONIC TRAINER,INDUSTRIAL / POWER ELECTRONICS KIT, SPEED CONTROL OF DC MOTOR ETC.
38	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB	INDUSTRIAL ELECTRONIC TRAINER,INDUSTRIAL / POWER ELECTRONICS KIT, SPEED CONTROL OF DC MOTOR ETC.
39	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEM-I LAB	HP DESKTOP COMPUTER, DIGSILENT POWER FACTORY
40	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEM-II LAB	OIL TESTING SET,RHEOSTATE, 1-PHASE AUTOTRANFORMER, RELAY(ELECTROMECHANICAL, STATIC, NUMERIC) ETC.
41	ELECTRICAL AND ELECTRONICS ENGINEERING	SIMULATION AND CAD LAB	COMPUTER SYSTEM, MATLAB/ SIMULINK.
42	ELECTRICAL AND ELECTRONICS ENGINEERING	WORKSHOP	ROCKWELL SERIES-160, 3- PHASE 415V 1-HP AC DRIVE,ROCKWELL SERIES-161, 1-PHASE 230V 2-HP AC DRIVE,ETC
43	ELECTRONICS & COMMUNICATION ENGG	ANALOG CIRCUITS LAB	DSO, CROS,FUNCTION GENERATORS, PULSE GENERATORS,AMMETERS,VOLTMETERS, POWER SUPPLY –TRIPLE AND MULTIP
44	ELECTRONICS & COMMUNICATION ENGG	BASIC ELECTRONICS ENGG. & PCB DESIGN LAB	ORCAD PSPICE & PCB BUNDLE, PCB PROTOTYPE & ANTENNA FABRICATION MACHINE, SPRINT PCB SOFTWARE, COMPUTE
45	ELECTRONICS & COMMUNICATION ENGG	CAD OF ELECTRONICS LAB	ORCAD PSPICE & PCB, XILINX SOFTWARE, SPARTAN FPGA KIT, COMPUTERS AND OTHER S/W LIKE TANNER, CADENCE
46	ELECTRONICS & COMMUNICATION ENGG	COMMUNICATION ENGG. LAB	VISSIM/ COMM. 8.0 SUITE SOFT., CROS, DSO, MODULATION & DEMODULATION, CODING-DECODING KITS, ETC.
47	ELECTRONICS & COMMUNICATION ENGG	CONTROL SYSTEM LAB	MATLAB SOFTWARE, COMPUTERS.

48	ELECTRONICS & COMMUNICATION ENGG	DIGITAL COMMUNICATION LAB	VISSIM/COMM. 8.0 SUITE SOFTWARE,CROS, DSOS,MODULATION & DEMODULATION KITS, SPECTRUM ANALYSER,ETC.
49	ELECTRONICS & COMMUNICATION ENGG	DIGITAL SIGNAL PROCESSING (DSP) LAB	MATLAB SOFTWARE, COMPUTERS, DSP TRAINER KITS, MULTIPLE POWER SUPPLY KITS ALONG WITH HEAD SETS ETC.
50	ELECTRONICS & COMMUNICATION ENGG	DIGITAL SYSTEM DESIGN LAB	POWER SUPPLY, FUNC. GENERATOR, OSCILLOSCOPES, DIGITAL TRAINER KIT, DMM, 8085 MICROPROCESSOR KIT,ETC.
51	ELECTRONICS & COMMUNICATION ENGG	ECE PROJECT LAB	PCB PROTOTYPE,ORCAD PSPICE & PCB BUNDLE, CROS, FUNCTION GENERATORS,MULTI METERS ,DSO,LCRQ METER, ETC
52	ELECTRONICS & COMMUNICATION ENGG	ELECTRONIC DEVICES LAB	DSO,CROS, FUNCTION GENERATORS, PULSE GENERATORS,AMMETERS,VOLTM, TRIPLE AND MULTIPLE POWER SUPPLY,ETC.
53	ELECTRONICS & COMMUNICATION ENGG	INTEGRATED CIRCUITS LAB	TI-ANALOG SYSTEM ALSK PRO KITS, TRAINER BOARDS, IC TESTER, CROS, FG,DSO,POWER SUPPLY, ETC.
54	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-I	VISUAL TCAD, SYMICA & CADENCE VLSI TOOLS,ORCAD PSPICE, VIVADO, COMPUTERS AND OTHER VLSI SOFTWARES.
55	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE LAB	DSO,CRO, FG,SPECTRUM ANAL WORKING BOARD AND KITS, MICROPROCESSORS AND MICROCONTROLLER KITS, COMPUTER
56	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-II	NETSIM SOFT., OPTISYSTEM SOFT., MATLAB SOFT, HFSS SOFTWARE FOR RF & ANTENNA DESIGN,COMPUTERS, ETC.
57	ELECTRONICS & COMMUNICATION ENGG	MICROPROCESSORS & MICROCONTROLLERS LAB	POWER SUPPLY, FG, CROS, DIGITAL TRAINER KITS, DMM, MICROPROCESSOR & MICROCONTROLLER KITS, ETC.
58	ELECTRONICS & COMMUNICATION ENGG	MICROWAVE ENGG. LAB	HFSS ANTENNA TOOL, COMPUTERS, ANTENNA RELATED KITS & SETUP WITH MIC COMPONENTS,RADIATION PATTER ETC.
59	ELECTRONICS & COMMUNICATION ENGG	SIGNALS SYSTEMS LAB	MATLAB SOFTWARE, COMPUTERS, DSP TRAINER KITS, MULTIPLE POWER SUPPLY KITS ALONG WITH HEAD SETS ETC.
60	FIRST YEAR/OTHER	ENGG. CHEMISTRY LAB	HEATING MENTAL,HEATING OVEN, DISTILATION ASSEMBLY,DIGITAL SPECTROPHOTOMETER,DIGITAL PH METER, ETC.

61	FIRST YEAR/OTHER	ENGG. PHYSICS LAB	NETWON RING SETUP, SPECTROMETER, NODAL SLIDE SETUP, POLARIMETER, CAREY FOSTER SETUP ETC.
62	FIRST YEAR/OTHER	ENGLISH LANGUAGE LAB-1	37 COMPUTERS.
63	FIRST YEAR/OTHER	ENGLISH LANGUAGE LAB-2	36 COMPUTERS
64	INFORMATION TECHNOLOGY	ADVANCE PROGRAMMING/O S LAB/ IT LAB 7 PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
65	INFORMATION TECHNOLOGY	COMPUTER CENTER	34 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
66	INFORMATION TECHNOLOGY	COMPUTER NETWORK LAB/ADVANCE IT LAB 2- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
67	INFORMATION TECHNOLOGY	DAA LAB/ADVANCE IT LAB 2- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
68	INFORMATION TECHNOLOGY	DATA ANALYSIS LAB/ IT LAB 6 PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
69	INFORMATION TECHNOLOGY	DATA STRUCTURE LAB/ IT LAB 6 PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
70	INFORMATION TECHNOLOGY	DBMS LAB/ADVANCE LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
71	INFORMATION TECHNOLOGY	DBMS LAB/ADVANCE IT LAB 1- PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
72	INFORMATION TECHNOLOGY	DISCRETE STRUCTURE LAB & OPERATING SYSTEM LABDISCRETE STRUCTURE LAB/ IT LAB 7 PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
73	INFORMATION TECHNOLOGY	MICROPROCESSO R LAB/WT LAB PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
74	INFORMATION TECHNOLOGY	MINI PROJECT LAB/ PROJECT LAB PART-1	34 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01
75	INFORMATION TECHNOLOGY	PPS LAB/BASIC IT LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01

76	INFORMATION TECHNOLOGY	SOFTWARE ENGINEERING LAB/ADVANCE IT LAB 1- PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
77	INFORMATION TECHNOLOGY	SOFTWARE ENGINEERING LAB/ADVANCE LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
78	INFORMATION TECHNOLOGY	WEB DESIGNING LAB/WT LAB PART-2	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
79	INFORMATION TECHNOLOGY	WEB TECHNOLOGY LAB /WT LAB	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
80	INFORMATION TECHNOLOGY	WEB TECHNOLOGY LAB /WT LAB PART-1	37 COMPUTERS,LCD PROJECTOR-01, LASER PRINTER-01, NETWORK CAMERA-01, ACCESS POINT-01
81	MASTER OF COMPUTER APPLICATIONS	C LANGUAGE / CO LAB	30 COMPUTER, PRINTER
82	MASTER OF COMPUTER APPLICATIONS	DATA STRUCTURE LAB / OOPS LAB	37 COMPUTERS, LASER PRINTER , IP CAMERA
83	MASTER OF COMPUTER APPLICATIONS	MCA-COMPUTER CENTER	30 COMPUTER, PRINTER
84	MASTER OF COMPUTER APPLICATIONS	R & D LAB / PROJECT LAB	33 COMPUTERS, LASER PRINTER , IP CAMERA, PROJECTOR
85	MECHANICAL ENGINEERING	ADDITIONAL WORKSHOP	LATHE MACHINE,DRILLING MACHINE,POWER HACKSAW,FOUNDRY EQUIPMENT, CARPENTRY EQUIPMENT,SMITHY ETC.
86	MECHANICAL ENGINEERING	ADVANCE MANUFACTURING CENTRE	MCV- 400, SPARK-E,CNC TURNING MACH. LT-16,CYLINDRICAL GRINDING M/C,CNC SIMULATOR,3D SCANNAR,WEI MACH
87	MECHANICAL ENGINEERING	ADVANCE WELDING TECHNOLOGY AND RESEARCH CENTRE	INVERTER BASED GAS TUNGSTEN ARC WELDING SYS,BEVEL CUTTER,LIQUID PENETRANT TESTING EQUIPMENT,PUG MACH
88	MECHANICAL ENGINEERING	AUTOMOTIVE CENTRE OF EXCELLENCE	INDEPENDENT MODULES FOR ALL THE SYSTEMS,HYDRAULIC BRAKE WORKMODULE ,BREAK FLIUD,AC MODULE,ALTERNATOR
89	MECHANICAL ENGINEERING	ENGG. GRAPHICS LAB	TABLE, DRAFTER

90	MECHANICAL ENGINEERING	FAB LAB	3D PRINTERS , MTAB ROBOT, MAKERBOT Z REPLICATOR(2) ,SNAPMAKER 3 IN 1 A-150,INFRA RED IC HEATER
91	MECHANICAL ENGINEERING	FLUID MECHANICS LAB	VENTURI METER AND ORIFICE METER, APPARATUS FOR LAMINAR FLOW AND TURBULENT FLOW,APPARATUS FOR ETC.
92	MECHANICAL ENGINEERING	HEAT AND MASS TRANSFER LAB	POOL BOILING APPRATUS, PARALLEL AND COUNTER-FLOW HEAT EXCHANGE, HEAT TRANSFER THROUGH IN FORCED ETC.
93	MECHANICAL ENGINEERING	INDUSTRIAL ROBOTIC TRAINING CENTRE	KUKA KR-16,10,6,3 ROBOTS,SCHUNK GRIPPING SYS,ULTRASONIC POWER SOURCE,DIAL GUAGE TOOLS ETC
94	MECHANICAL ENGINEERING	MACHINE DESIGN LAB	DESIGN WORK STATIONS, DESIGN DATA BOOKS AND HAND BOOKS,C LANGUAGE SOFTWARE - (SAME AS CAD/CAM LAB)
95	MECHANICAL ENGINEERING	MATERIAL SCIENCE & TESTING LAB	UNIVERSAL TESTING MACHINE (UTM), TORSION TESTING MACHINE, METALLURGICAL MICROSCOPE WITH DIGITAL ETC.
96	MECHANICAL ENGINEERING	ME CAD LAB	PRO-E SERVER,PRO-E SOFTWARE, UPS & ACCESSORIES, C LANGUAGE SOFTWARE, ANSYS SOFTWARE, PCS(32)
97	MECHANICAL ENGINEERING	MEASUREMENT AND METROLOGY LAB	VERNIER CALIPER, MICROMETER, DIAL GAUGE, FEELER GAUGE, SINE BAR, SLIP GUAGE SET, SPEEDOMETER, ETC.
98	MECHANICAL ENGINEERING	PRODUCT LIFECYCLE MANAGEMENT CENTRE OF EXCELLENCE	30 DELL PC SYSTEM; 1 PROJECTOR
99	MECHANICAL ENGINEERING	REFRIGERATION & AIR CONDITIONING LAB	VAPOUR COMPRESSOR REFRIGERATION SYSTEM, WINDOW TYPE AIR CONDITIONING SYSTEM, HERMITICALLY SEALED,ETC

100	MECHANICAL ENGINEERING	THEORY OF MACHINES LAB	GYROSCOPE, LONGITUDINAL VIBRATION, TRANSVERSE VIBRATION, SLIDER CRANK MECHANISM,WHIRLING OF SHAFTETC
101	MECHANICAL ENGINEERING	THERMODYNAMI CS LAB	MODELS OF TWO-STROKE AND FOUR-STROKE ENGINES,FIRE TULE BOILER, WATER TUBE BOILER, STEAM ENGINE, ETC.
102	MECHANICAL ENGINEERING	WORKSHOP-I	LATHE MACHINE,DRILLING MACHINE,POWER HACKSAW,FOUNDRY EQUIPMENT, CARPENTRYEQUIPMENT,SMITHY ETC.
103	MECHANICAL ENGINEERING	WORKSHOP-II	LATHE MACHINE,DRILLING MACHINE,POWER HACKSAW,FOUNDRY EQUIPMENT, CARPENTRY EQUIPMENT,SMITHY ETC.

- **List of Experimental Setup in each Laboratory/Workshop**

All experiments are conducted as per the syllabus prescribed by University.

- **Computing Facilities**

- **Internet Bandwidth**

  1100 Mbps

- **Number and configuration of System**

  Total 1554 computer systems (i7- 107, i5-570, i3-681, Dell Xeon-33,C2D-226)

- **Total number of system connected by LAN**

  1554

- **Total number of system connected by WAN**

  1554

- **Major software packages available**

  System Softwares: 8, Application Softwares: 39,

  Major Software Packages: Microsoft Cloud Campus Agreement,

  Quick Heal Internet Security, Windows10, Windows 11, Office 365 and Other Application Softwares.

- **Special purpose facilities available (Conduct of online Meetings / Webinars/ Workshops, etc.)**

Dedicated Video Conferencing Systems Along with Cameras, Audio Systems in both Seminar Rooms for Webinar and Workshops. Portable Video Conferencing System Available For Online Meetings.

- **Facilities for conduct of classes/courses in online mode (Theory & Practical)**

All classrooms equipped with Smartclass Systems along with Audio Systems,Mic. and Internet for conducting online classess. Orell Language Lab Software for Theory/Practicals in Language Lab through Online Mode.

- **Innovation Cell**

SOFTWARE INCUBATOR is the research and development centre established within the portal of Ajay Kumar Garg Engineering College. We have set a foothold in the areas of software development, web-based enterprise solutions, mobile development, web application and website development. We focus on high integrity and commitment, quality and rigor at every stage of work, passion for excellence and focus on customer satisfaction. We are an equal opportunity organization that motivates every member to work with passion and commitment.

SI is equipped with the state-of-the-art infrastructure & hardware/software tools. This provides a highly conducive & stimulating environment for the young brains to explore & come out with innovative solutions using emerging technologies. The Centre conducts training programmes on the latest software technologies which is instrumental in keeping our students technologically ahead of others. The team members of SDC-SI have delivered many automated systems to Industrial clients as well as to AKGEC which have automated their work processes.

Institution-Industry Cell Details

S.No.	Name of the Committee Member	Profession	Associated with	Mobile Number	e-mail address
1	Dr. R.K.Agarwal	Director-General	AKGEC	9313321455	agarwalrk@akgec.ac.in
2	Dr. Hemant Ahuja	Director	AKGEC	9899008275	director@akgec.ac.in
3	Prof. Rahul Sharma	Head, IT Deptt.	AKGEC	9716718467	sharmarahul@akgec.ac.in

4	Mr. Manoj Yadav	General Manager	KUKA India	9899767857	manoj@kuka.in
5	Mr. R.K.Mahajan	CEO	Micromatic Grinding Technologies	9871090035	rkmahajan@micromaticgrinding.com
6	Prof. Ashiv Shah	Professor	AKGEC	9891984680	ashivshah@akgec.ac.in

- **Social Media Cell**

  College has Facebook, Twitter, Instagram, LinkedIn etc. account. Information related to various events are posted on social media regularly.

- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments**

Not Applicable

- **List of facilities available**
- **Games and Sports Facilities**

  The college has always created a niche for itself in the field of sports. The college has since long times, been participating in various inter institution, state level tournaments. In sports, our college provides facilities for both indoor and outdoor games to the students.

  Outdoor Games: A spacious play ground is available for outdoor games like Cricket, Football, Volleyball, Basketball, Badminton etc.

  Indoor Games: Facilities for the indoor games like Badminton, Table Tennis, Chess, Carrom
  etc, are provided to students in the college campus.

  A large number of sports activities are organized in the college aiding the students to display their talent in sports activities. One of the major sports event is the “Ajay Kumar Garg Memorial Table Tennis Tournament”. It is a state level tournament organized by Ghaziabad District Table Tennis Association on annual basis at College. Participations in this tournament are all the way from Delhi, Haryana, Punjab and Uttar Pradesh being the major contributor.

- **Extra-Curricular Activities**

The institution is committed to attract students for participating in various extracurricular activities by ensuring consistent encouragement and motivation. The necessary facilities are provided and adequate funds are allotted. The sports and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular activities are provided with extra classes so that the time they have given in for the various activities can be compensated for.

• Soft Skill Development Facilities

Academic excellence alone is not enough and cannot guarantee a good career. Certain personality attributes and soft skills are essential not only to get a good job placement but also to be able to contribute and grow in an organization. Taking cognizance of this, the college emphasises all round development through a range of extracurricular activities as well as organizing and conducting formal Personality Development Program.

This programme spanning over 100 hours is conducted by a professional agency and includes training in communication skills, group discussion, interpersonal skills and interviews. This is a mandatory programme for second year B.Tech. students of the college. This programme helps in the overall personality development of students. The whole exercise is intended to increase the employability of students. Amidst an inspiring and invigorating environment, students undergo training that turns them into top notch professionals.

- **Teaching Learning Process**

• Curricula and syllabus for each of the Programmes as approved by the University

Curriculum is available at website www.aktu.ac.in

• **Academic Calendar of the University**

डा0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय, उत्तर प्रदेश
जानकीपुरम विस्तार, सेक्टर – 11, सीतापुर रोड,लखनऊ–226031

पतांक ए0के0टी0यू0 / कुस0का0 / स्था0 / 2023 / 19163 दिनांक : 13-06-2023

सेवा में,

निदेशक / प्राचार्य,
विश्वविद्यालय से सम्बद्ध समस्त संस्थान।

विषयः सत्र 2023–24 के शैक्षणिक कैलेण्डर के संबंध में।

महोदय,

कृपया उपरोक्त विषय के संबंध में अवगत कराना है कि विश्वविद्यालय से सम्बद्ध समस्त संस्थाओं में संचालित होने वाले विभिन्न पाठ्यक्रमों के लिए सत्र 2023–24 का शैक्षणिक कैलेण्डर निर्धारित करते हुए जारी किया जा रहा है।

अतः आपसे अपेक्षा है कि उक्त से अवगत होते हुए एवं सभी संबंधितों को सूचित करने के साथ–साथ इसकी एक प्रति संस्थान के सूचना पट पर भी चस्पा करवाने का कष्ट करें।

संलग्नकः यथोक्त।

भवदीय

(जी0 पी0 सिंह)
कुलसचिव

पृष्ठांकन संख्या व दिनांकः उपरोक्त।

प्रतिलिपि निम्नलिखित को सूचनार्थः–

1. प्रति कुलपति, ए0के0टी0यू0, लखनऊ।
2. परीक्षा नियंत्रक, ए0के0टी0यू0, लखनऊ।
3. समस्त अधिष्ठाता, ए0के0टी0यू0, लखनऊ।
4. स्टाफ आफीसर, कुलपति कार्यालय, ए0के0टी0यू0, लखनऊ।

(जी0 पी0 सिंह)
कुलसचिव

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, UTTAR PRADESH

Jankipuram Vistar, Sector-11, Sitapur Road, Lucknow, 226031

ACADEMIC CALANDER

FOR B. TECH. /B.PHARM. /B. ARCH/B.H.M.C.T./BFAD/B VOC/MBA/MBATM/MBA(I)/MCA/MCA(I)/BFA/M. TECH/M. PHARM/M ARCH. & other Courses

ACADEMIC SESSION 2023-24

S.N.	Particulars	Dates	
		Odd Semester	Even Semester
01	Commencement of Classes for Academic session 2023-24	August 16, 2023 all VII & IX Semester students	Feb. 01, 2024 for IV (Except B. Tech, BPharma & MBA, MCA), VI, VIII & X Semester students
		Sep 1, 2023 all III, V Semester students (EXCEPT MBA, MCA)	Feb 05, 2024 for All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
		Oct. 01, 2023 All III semester MBA, MCA courses	
02	Last date of fresh admissionAND Commencement of Classes for First YEAR allcourses	Oct 01, 2023*	---
03	Last date of submitting admission list of students touniversity (for newly admitted student)	Nov. 01, 2023*	
04	Last date of submitting Enrollment form /Exam Form for regular & carry over examsExamination fee for both semesters and examination/carry over examination fee	Dec. 01, 2023*	
06	Last date of submitting Sessional marks ofTheory & Practical to University.	Jan 10, 2024	May 15, 2024 for IV (Except B. Tech, B. Pharma), VI, VIII & X Semester students
			May 25, 2024 for All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
07	End Semester Theory Examination	Dec. 15, 2023 to Jan.05, 2024 For all III (Except B. Tech. B. Pharm & MBA, MCA),V, VII and IX Semesters	May 10, 2024 to May 30, 2024 for IV (Except B. Tech, B. Pharma, MCA, MBA), VI, VIII & X Semester students
		Jan. 01, 2024 to Jan.20 2024, For I Semester of all the courses and III semesters of B. Tech, B. Pharm, MBA, MCA	May 15, 2024 to June 10, 2024 All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
08	End Semester Practical Examination (PE)	Jan. 06, 2024 to Jan. 14, 2024 For all III (Except B. Tech, B. Pharm & MBA, MCA), V, VII and IX Semester	May 31, 2024 to Jun. 05, 2024 for IV (Except B. Tech, B. Pharma, MBA, MCA), VI, VIII & X Semester students
		Jan. 21, 2024 to Jan. 27, 2024, For all I Semester and III semester (B. Tech, B. Pharm, MBA, MCA)	Jun. 05, 2024 to Jun. 15, 2024 for All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
09	Last date for Submission of PE Marks.	Jan. 20, 2024 For all III (Except B. Tech, B Pharma & MBA, MCA), V, VII and IX Semesters	Jun. 07, 2024 for IV (Except B. Tech, B. Pharma, MBA, MCA), VI, VIII & X Semester students
		Jan. 30, 2024 For all I Semesterand III semesters (B Tech, B Pharma, MBA, MCA)	Jun. 18, 2024 for All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
10	Evaluation of Answer sheets	Dec. 26, 2023 to Jan. 25, 2024 For all III (Except B. Tech, B. Pharm & MBA, MCA), V, VII and IX Semester	May 20, 2024 to Jun. 10, 2024 for IV (Except B. Tech, B. Pharma, MBA, MCA), VI, VIII & X Semester students
		Jan. 15, 2024 to Feb. 05, 2024, For all I Semester and III of B. Tech, B. Pharm, MBA, MCA	May 25, 2024 to Jun. 20, 2024 for All II, IV (B. Tech, B. Pharma, MBA, MCA) Semester students
11	Summer Training/ Internship		Jun. 07, 2024 to Jul. 20, 2024
12	Winter Vacations/ Summer Vacation	Jan. 15, 2024 to Jan. 30, 2024 For all III (Except B. Tech, B. Pharm & MBA, MCA), V, VII and IX Semester	Jul. 21, 2024 to Jul. 31, 2024
		Jan. 28, 2024 to Feb. 04, 2024, For all I Semester and III semester (B. Tech, B. Pharm, MBA, MCA)	
13	Commencement of Classes session 2024-25	For III, V, VII & IX Semester Aug. 01, 2024	

***Subject to the final date of admission as per the Government Orders.**

IMPORTANT NOTES: -

1. The institute shall ensure minimum teaching hours as prescribed in the University ordinances for each semester. ***If required, the Director/Principal shall arrange extra classes, on weekends/holidays.***
2. The Institute should ensure that at least two class tests are conducted after completing 1/3rd & 2/3rd syllabus respectively. All students will be required to appear in both first- and second-class tests. If, for any reason beyond the control of students such as illness, tragic incident in family, the student fails to appear in any test, it will be the responsibility of the Principle/Director of the Institute to arrange make up class test for such students. If the student fails to appear in first class test, his makeup class test will be conducted before second class test and in case of second-class test at least one month before the start of end semester theory examination. The duration of class test will be minimum one hour for each class test, 70% attendance at 1st test and 75% attendance at second class test are required. In case attendance is short, parents are be informed accordingly on monthly basis.
3. The Director/Principal of Institute shall ensure the submission of attendance of students regularly through Attendance Monitoring System (AMS) of the University and shall ensure that no student is allowed to appear in the examinations who has not attained the minimum required attendance as per norms prescribed in relevant ordinances. It will be obligatory on the part of the Director/Principal of the Institute to detain such students and their admit cards will not be issued to them. A list of students detained from appearing in University Examination(s) be submitted to their Examination center before the commencement of the theory examination.
4. The teachers who are assigned evaluation duty during vacation shall be entitled for earned leave as per rules and duty leave for other examination related works assigned by the University.
5. ***The loss of syllabus for the newly admitted third semester B. Tech & B. Pharma students has to be COMPULSORILY made up by the institutes by conducting extra classes in early morning/late evening/Sunday/holidays.***

Registrar

- **Academic Time Table with the name of the Faculty members handling the Course**

The classes, labs, seminars and project work, as specified in the evaluation scheme and syllabus published by the University on its website (www.aktu.ac.in), are conducted in accordance with the time table issued by each department.

- **Teaching Load of each Faculty**

Teaching load of faculty is distributed as per AICTE norms.

- **Internal Continuous Evaluation System and place**

Ajay Kumar Garg Engineering College is affiliated to APJ Abdul Kalam Technical University, Lucknow. AKGEC follows the internal examination pattern matching with the university exam pattern. Guidelines of AKTU are followed strictly in the evaluation process. There are three Internal tests conducted, namely: Sessional Test 1 (25 Marks), Sessional Test 2 (50 Marks) and Pre-University Test (100 Marks). The schedules of internal exams are communicated to students and faculty through the academic calendar of the institute at the beginning of each semester. The college academic calendar is prepared in coherence with the university academic calendar.

To implement the continuous internal evaluation in a smooth and efficient manner the exam cell of the college has framed guidelines for conducting the internal evaluation. The tasks done by the college exam cell are as follows: scheduling of internal examination, seating arrangements, assigning hall invigilators, collection of answer books and distribution of answer books to the subject teaching faculty.

Process of internal evaluation:

1. Question paper is prepared for the internal examination as per Bloom's taxonomy.
2. Scrutiny of the prepared question paper is carried out by HoD/ Subject expert to ensure quality of the question paper.
3. Monitoring the attendance of the students for the examination is done.
4. Evaluation of answer books is carried out within the stipulated time.
5. Distributing evaluated answer books to the students for clarifications of doubts.
6. Uploading of finalized marks on college portal.
7. Conducting meetings to review the results by preparing the results analysis.
8. Remedial actions and measures for further improvements are arrived after discussion between faculty and the HoD.
9. The evaluation for practical courses is done by conducting two major viva sessions in addition to the experiment specific questioning done at the time of checking of practical record. Additionally, the hands-on knowledge of the students is also

checked in all lab sessions which forms a vital component of internal lab assessment.

10. The evaluation for project course is assessed by conducting periodical project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge, team work and project management.

Performance of the students in internal assessments is used as reference by the faculties to identify slow and quick learners in their respective subjects. Slow Learners are encouraged to improve their performance in future by proper counselling. Good students are motivated to participate in various technical events to further strengthen their knowledge.

- **Student's assessment of Faculty, System in place**

Student feedback on Faculty about the teaching learning is taken from all the students at the end of the semester for all theory and practical subjects. Feedback is taken in online mode which allows the students to login from their college provided G-suite email ids only. The complete process is organized and monitored centrally by the exam cell of the college.

The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching, Subject Knowledge, Content and Method of Delivery, accessibility of faculty for clarification of doubts, quality of assignments, syllabus completion, maintaining the pace of teaching throughout the course duration etc. Faculty feedback is calculated subject wise and section wise. A combined report is generated by the feedback portal consisting of feedback of all faculty members from a particular department. Such department wise feedback summaries are sent to all HoDs and Director by the exam cell coordinator. Feedback scores of faculty are conveyed to them through respective HoDs. Faculty having feedback score of less than 4 (out of 5) is counselled by the HoD for future improvements.

For each Post Graduate Courses give the following:

- **Title of the Course**

1. M.Tech. (Computer Science & Engineering)
2. M.Tech. (Electronics & Communication Engineering)
3. M.Tech. (Electrical & Electronics Engineering)
4. M.Tech. (Mechanical Engineering)

• **Curricula and Syllabi**

Curriculum is available at website www.aktu.ac.in

• **Laboratory facilities exclusive to the Post Graduate Course**

Sl.No.	Department	Name of the Laboratory	Lab / Major Equipments
1	COMPUTER SCIENCE & ENGINEERING	M.TECH. CSE LAB	37 COMPUTERS, LASER PRINTER, PROJECTOR, IP CAMERA
2	COMPUTER SCIENCE & ENGINEERING	M.TECH. CSE RESEARCH & DEVELOPMENT LAB	36 COMPUTERS, LASER PRINTER
3	ELECTRICAL AND ELECTRONICS ENGINEERING	M.TECH MICROPROCESSOR LAB	DSP KIT WITH PC, 8051 MICROCONTROLLER, PIC MICROCONTROLLER , TMS 3206748 KIT, ADS 8371 KIT
4	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE LAB	DSO,CRO, FG,spectrum anal Working Board and Kits, Microprocessors and Microcontroller Kits, Computer
5	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-I	Visual TCAD, SYMICA & Cadence VLSI Tools,ORCAD PSPICE, VIVADO, Computers and other VLSI softwares.
6	ELECTRONICS & COMMUNICATION ENGG	M.TECH. ECE SIMULATION AND RESEARCH LAB-II	NetSim soft., OptiSystem Soft., MATLAB soft, HFSS Software for RF & Antenna Design,Computers, etc.
7	MECHANICAL ENGINEERING	M.TECH A & ROBOTICS LAB	Star mill automatic tool changer, special accessories for star mill, air compressor, ser
8	MECHANICAL ENGINEERING	M.TECH. CSE LAB-1	Electro Pneumatic trainer, Electro Hydrualic trainer.

• **Special Purpose**

• Software, all design tools in case

Sl. No.	Software	No. of Licenses/Users	Remarks
1.	-PROFESSIONAL Version Visual TCAD & Genius (2D/3D) Device Simulator Systems -SYMICA EDA (AMS)-Microelectronics Design Tool	01 03	Device level simulator to develop and optimize the semiconductor technologies and devices
2.	CADENCE Virtuoso -Standard Bundle / University Bundle (Analog and Digital FE & BE Academic Suite)	10	Leading EDA tool for system design and analysis
3.	University VIVADO System Edition S, UEF-SDSOC Software Simulation Tool with Zed Board Kit	25	For synthesis and analysis of HDL Design.

Sl.No.	Name of software	Broad area of research covered by equipment/facility
4.	OrCAD University PSPICE software (20 users)	Electrical & electronics circuit simulation and PCB design
5.	Dig SILENT software power factory	Power Factory is a power system analysis software application

For doing their research projects and dissertation we have 5 users Matlab R2016B edition.

For improving their research quality we have Turnitin Software for all M.Tech students.

- **Academic Calendar and framework**

AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

27th Km Stone, Delhi-Meerut Expressway, Adhyatmik Nagar, Ghaziabad - 201009

AKGEC/D.A./Notices/2023-24/010
24th January 2024

TENTATIVE ACADEMIC CALENDAR FOR III/IV YEAR, EVEN SEMESTER, 2023-24

S. No.	Activity	Date	Day
1	Registration and Commencement of classes for III/IV Year Students	26th February 2024	Monday
Note: The Holi Break for III/IV year students will be from 22nd March to 26th March 2024. Attendance in classes on 27th March 2024 is compulsory for all III/IV year students. Failure to attend will result in penalties.			
2	III/IV Year Sessional Test (2 Unit, 2 Hour)	28th March – 3rd April 2024	Thursday-Wednesday
3	Mid Term Lab Assessment for III Year	4th – 10th April 2024	Thursday-Wednesday
4	Last Date of Distribution of corrected answer scripts of ST	9th April 2024	Tuesday
5	End Term Lab Assessment for III Year and final Project Evaluation IV Year	6th - 10th May 2024	Monday-Friday
6	Last day of Teaching for III/IV Year	10th May 2024	Friday
7	Pre University Test for III/IV Year	13th – 24th May 2024	Monday – Friday
8	Last date of submitting III/IV Year Pre University Test Marks	30th May 2024	Thursday
9	End Semester Theory Examination (External) for III/IV Year	As per University Academic Calendar (Awaited)	
10	End Semester Practical Examination (External) for III/IV Year	As per University Academic Calendar (Awaited)	

Dr. Hemant Ahuja
Director

16. Enrolment and placement details of students in the last 3years

Year	Intake	Number of Students Admitted	Number of Students Placed
2021-22	72	26	7
2022-23	72	21	3
2023-24	63	15	6

17. List of Research Projects/ Consultancy Works

• Number of Projects carried out, funding agency, Grant received

S.No.	Sponsored Research Title	Funding Agency Name	Amount received for Sponsored Reseach in Rs.	Concerned Deaprtment
1	Compressed Parallel Wavelet Tree Based Semantic Search	Council of Science & Technology, UP	**10,44,000**	CS
2	Automatic Cataract Detection And Grading Using Convolution Neural Network	AKTU under VRPS Scheme	**5,00,000**	CS
3	Drowsiness Detection System for Road Accident Prevention using Machine Learning	CST UP ENGINEERING STUDENT'S PROJECT GRANT SCHEME 2023-24	**10000**	CS
4	Brainbot: Brain Controlled Robot for Specially Abled Users	AKTU under VRPS Scheme	**1,33,000**	EC
5	Development of Functionally Graded Materials Via Friction Stir Processing Route	AKTU funded under CRIP-TEQIP-III	**3,00,000**	ME
6	Designa and development of Metal 3-D Printer	AKTU under VRPS Scheme	**4,35,000**	ME
7	Sustainable Approach During Welding of Cryogenic Tanks to Enhance the Productivity, Weld Quality, andAnalysis of Weld Fume Generation with	CouncilofScience& TechnologyU.P.(CSTUP).	**15.08 lakh**	ME

	GMAW and GTAW Process			
8	Essentials of Electrical and Electronics Engineering to Employees of GPP	Ghaziabad Precision Products Limited(GPP)	**250000**	EN
9	Robotic Welding for Dynamometer vibration measument cage	Schenk Rotec India Pvt. Ltd.	**5000**	TIFAC
10	3D Scale Model of Combat Vehicle of OSA-AK-M System	Indian Airforce	**240000**	TIFAC
11	3D Printing of Single Body, Front Cover, Back Cover Spacer	IIT Delhi	**12036**	TIFAC
12	3D Printing of Polyjet	IIT Delhi	**23600**	TIFAC
13	3D Printing of Single Body, Front Cover, Back Cover Spacer on Stratasys J55	IIT Delhi	**12036**	TIFAC
14	Cutting black colour acrylic sheet (3x2 ft)	AKGEC (RICC Lab/ M.E Department) Dr. Pradeep Jain	**FOC**	TIFAC
15	Cutting black colour acrylic sheet (3x2 ft) thickness 5 mm	AKGEC (RICC Lab/ M.E Department) Dr. Pradeep Jain	**FOC**	TIFAC
16	Cutting black colour acrylic sheet (3x2 ft) thickness 5 mm	AKGEC (RICC Lab/ M.E Department) Dr. Pradeep Jain	**FOC**	TIFAC
17	Manufacturing of HOD value test bench for Railways	The Unique Engineering Solutions	**30000**	TIFAC
18	Latent heat thermal energy storage heat exchanger of an acrylic sheet	Phd Scholar, D.T.U Delhi	**2282**	TIFAC

19	Cutting black colour acrylic sheet (3x2 ft) thickness 8 mm	AKGEC (RICC Lab/ M.E Department)	**FOC**	TIFAC
20	3D printing of EV Battery box	HYBDOO	**19824**	TIFAC
21	3D printing of SAE Supra vehicle parts fixture (2) Diff housing	AKGEC	**6195**	TIFAC
22	Bust of Pro V.C aktu with F-370 & J55 3D Printer	AKGEC	**FOC**	TIFAC
23	Sublimation cap printing on 30 mugs for ATC meet at AIA excellence center	A.I Center AKGEC	**FOC**	TIFAC
24	UGV Camera Part	AKGEC Student	**4337**	TIFAC
25	3D Printing of manifold assembly	AKGEC Ghaziabd SAE-AKGEC	**22302**	TIFAC
26	Fabrication of Rakshita Bike frames-05 Nos	DRDO-INMAS	**249570**	TIFAC
27	Fabrication of “Rail Guard”-250 Nos	Indian Railway	**33040**	TIFAC
28	Fabrication of Rail Guard for HHP Locomotive Cattle Guard to EMD	DMM/BGKT, Diesel Shed, NW Railway, Jodhpur	**12,225**	TIFAC
29	Rail Guard for WDP4 Locos-125 Nos	Indian Railway	**16,962**	TIFAC
30	Butt Weld of Inconel & SS by using TIG Welding	Research consultancy-Mr. Shahnawaz Alam	**4,130**	TIFAC
31	Roda Box-60 Nos	Indian Railway	**30,090**	TIFAC

32	Butt Welding of Plates	Research consultancy - Sachin Sirohi	**3,776**	TIFAC
33	Safety Strap for Cut off Angle Cock- Nos 3000	Indian Railway	**53,100**	TIFAC
34	Fabrication of Boom Barrier for EBCS	AKGEC, EBCS	**FOC**	TIFAC
35	Fabrication of Base Frame of vehicle for SUPRA Event 2023-2024	AKGEC, SAE Team	**5000**	TIFAC
36	Mounting plate for Gravity Tap	Chief Materials Managlr- Soathern Railway	**1,46,674**	TIFAC
37	TIG Welding of 10 Sampes Super duplex SS- Work	GNOIT Greater Noida	**1770**	TIFAC
38	Fabrication of HoD Test Box of Indian Railway	Fablab	**FOC**	TIFAC
39	Repair of Water Stanless Steel tank (SS304) Outer dia : 610mm, thicknes: 1.5mm	AKGEC	**FOC**	TIFAC
40	Butt Welding of P92 With P92 by GTAW | SMAW (Dimension 100x50x10mm S Butt Welding of Inioond 617 to Incanal 617 by GTAW (Dimasan 40xX50X10mm)	SRM UNIVERSITY,MODINAGAR	**3200**	TIFAC
41	Rail Guard for Indian Railway as Per Sabarmati.	Sr. Section Engineer (Diesel) Sabrmar, Wasteron Rly.	**12,500**	TIFAC
42	Welding of Supere Aust anitic Stainss Stael Sampees	GNIOT	**1500**	TIFAC

	(120X60X6)mm - 08 NOS			
43	Fabrication of Chassis- Facility Uritizotion Chargar	AKGEC-SAE (Mr. SBRAY Tripathi)	**4000**	TIFAC
44	Butt Welding of Patcs (Inconel 617 to Inconel 617) by GTAW SMAW s Butt Welding of Plates 718 to 55304 S (Inonu 617 to 55304) Autayncons Welding. Drmchtan	SRM UNIVERSITY,MODINAGAR	**2400**	TIFAC
45	Fabricaton of Fire Ertinguiser Trolly.	DRMIG/DRM office, Jaipur, Near Pawer Horuse Rard Indian Railway	**34, 810**	TIFAC
46	Groove Welding of MS by filler ER 70S-6 of specimen (50×60×4mm) by Pulse MIG using Co2	VIET MDU ROHTAK	**3186**	TIFAC
47	Safety strap for cutoff angle cock DRG. No. SKT-2012/59/CALT-1 simple strap bonding and drilling process required, Required Quantity: 3000 Nos	Northern Western Railway Head Quarter	**53100**	TIFAC
48	Fabrication of Chassis-facility Utilization Charges	SAE-AKGEC (Mr. Shrey)	**4,720**	TIFAC
49	3D Modelling and printing of BobbinPin	Agmaco Industries Pvt Ltd	**944**	TIFAC
50	3D Modelling and Printing of Valve Bridge	Kasuya GPP Auto Products	**1652**	TIFAC

51	3D Modelling and Printing of Rakshita Bike Ambulance	DRDO-INMAS	**109740**	TIFAC
52	3D Modelling and Printing of Nozzles	Inoviea Ventures Pvt Ltd	**2360**	TIFAC
53	Design and Scanning of Paint Booth Turbine Blower	Precision Testing Machines P Ltd.	**14,000**	TIFAC
54	Development of Aluminium Block	Adomac Technicals Pvt. Ltd	**17700**	TIFAC
55	Roughness Testing of Inconel 718	G.G.S.Inderprasth a University	**7550**	TIFAC
56	Manufacturing of Automotive Components	Kasuya GPP Auto Products	**125604**	TIFAC
57	Manufacturing of Automotive Components	Ghaziabad Precision Product Pvt.Ltd	**334583**	TIFAC
58	Linear Measurement of strip on VMM	M/s Victor Testing & Consulting Services	**1652**	TIFAC
59	Profile Meaurement on Contour Measuring Machine	M/s Jai Durga Enterprises	**885**	TIFAC
60	Development of Aluminum Claw	Youngman Manufacturing Pvt. Ltd	**19116**	TIFAC
61	3D Scanning of Wire Straighter	Attri Tech Machines Pvt.Ltd	**1180**	TIFAC
62	Roughness Testing of SS Strip	Voltagram Testing & Calibration, Shahdara	**5310**	TIFAC
63	MT-6 Gauge Inspection	S.R. Machine Tools, Ghaziabad	**1000**	TIFAC
64	Manufacturing of Automotive Components	Kasuya GPP Auto Products	**390524**	TIFAC
65	Manufacturing of Automotive Components	Ghaziabad Precision Product Pvt.Ltd	**217780**	TIFAC
66	Dimension Stability of	ITS Dental College, Noida	**2832**	TIFAC

	Dental Base of VMM			
67	Development of Al Load Cell	M/s Expressions Moradabad	**16520**	TIFAC
68	Stifferner Bracket-714	Kasuya GPP Auto Products	**213095**	TIFAC
69	Development of Aluminium Load Cell	M/s Expressions Moradabad	**16520**	TIFAC
70	Roughness Testingof SS Trip	Voltagram Testing & Calibratin	**1770**	TIFAC
71	Dimensional Stability of Dental Base Vision Measurement M/c	ITS Dental College, Gr. Noida	**2832**	TIFAC
72	Development of Aluminium Load Cell	M/s Expressions Moradabad	**16520**	TIFAC
73	Coil Magnet Bobbin 1033 Machining	The Unique Engineering Solutions	**7434**	TIFAC
74	Roundness Testing of Bearing Component in CMM	SRB Machine Pvt.Ltd	**2950**	TIFAC
75	Oxygen Cylinder Valve & Tool Inspection	Jai Gopal Engg Works & Gases PVt. Ltd	**1533**	TIFAC
76	Cold Form Ball 4W-5998-03C	Ghaziabad Precision Products Pvt. Ltd	**281268**	TIFAC

• **Publications (if any) out of research in last three years out of masters projects**

- Akriti Goel, Bhupal Singh, Anil Kumar Rai (2021) Design & Simulation of CUK converter based MPPT control scheme for PV array using Double Diode Model Journal of Xi'an University of Architecture & Technology Volume XIII, Issue 6, 2021 ISSN No: 1006-7930
- Arun Kumar Maurya, Anil Kumar Rai, & Hemant Ahuja. (2022). Performance Analysis of a 40kWp Grid Connected Solar PV System in Northern India. Journal of Research and Advancement in Electrical Engineering. https://doi.org/10.5281/zenodo.6341955
- Performance Analysis of Roof-top Solar PV System in Composite Environment, Arun Kumar Maurya, Anil Kumar Rai, Hemant Ahuja 2022 IEEE 10th Power India International Conference (PIICON) 10.1109/PIICON56320.2022.10045154

- Comparative Analysis of Different MPPT Algorithms for Roof-Top Solar PV System, Arun Kumar Maurya, Anil Kumar Rai, Hemant Ahuja (2022) International Conference on Automation, Computing and Renewable Systems (ICACRS) 10.1109/ICACRS55517.2022.10028987

- Load Frequency Control by using Different Controllers in Multi-Area Power System Networks, Arun Kumar Maurya, Hera Khan, Anil Kumar Rai, Hemant Ahuja (2022) International Conference on Automation, Computing and Renewable Systems (ICACRS) 10.1109/ICACRS55517.2022.10029090

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- **Industry Linkage**

AKGEC places a strong emphasis on preparing students to excel in industry by fostering collaborations with leading companies across various sectors. These collaborations are instrumental in providing students with hands-on training in cutting-edge technologies and engaging them in industry-sponsored consultancy projects. Notably, AKGEC is distinguished as the sole engineering college in Uttar Pradesh approved by the Department of Science and Technology, Government of India, for establishing the Center of Relevance and Excellence (CORE) in Automation & Robotics.

CORE represents a groundbreaking partnership between AKGEC, international industries, and key governmental bodies like the National Skill Development Corporation, Ministry of Skill Development and Entrepreneurship, and Government of India. It aims to drive research, consultancy, project development, and training in emerging technological domains such as Automation, Robotics, Manufacturing, Fabrication, and Automotive Technology.

Under this initiative, ten Centers of Excellence (COEs) have been established, each equipped with state-of-the-art facilities for training, prototyping, testing, and measurement in Automation, Robotics, Manufacturing, and Automotive domains. These COEs boast advanced equipment such as CNC and Robotic Machining, Welding (both Manual and Robotic), Cutting (Thermal, Plasma, and Laser), Non-Destructive Testing, Metrology, Mechatronics, and 3D Printing, promoting modern manufacturing practices among students and industry professionals alike.

Supported by esteemed industry partners including SIEMENS, BOSCH Rexroth, National Instruments, KUKA Robotics, Mitsubishi Electric, and others, these facilities are pivotal in bridging the gap between academia and industry by providing industry-relevant training, consultancy, and industrial services. Such partnerships not only enrich the learning experience for students but also address the growing demand for highly skilled manpower in the industry. This industry linkage not only enhances students' prospects but also ensures they are well-equipped to thrive in the dynamic world of modern manufacturing and technology.

The other areas of industry interface/ interaction include:

(a) Industrial/Summer Training of students.
(b) Student projects sponsored by the industry.
(c) Introduction of extra teaching modules proposed by the industry in the college.
(d) Industrial visits
(e) Campus placements.

For the summer training of all B.Tech. Students after III yr, and MCA students after the III Semester, the college has linkages with a large number of PSUs and Private sector industry in concerned disciplines. The exposure and association with the industry after the pre-final year provides the student with the requisite orientation for the specialized course and project work which are part of the final year curriculum. A number of students are involved in doing projects with the industry and the college encourages students to undertake industry relevant project work.

With the varied needs of each type of industry, it will never be possible for any curriculum to meet the exact requirement of all industry. There will inevitably be a gap between the training imparted at any academic institution and the job requirements. This gap is filled by providing in-house training to the fresh entrants by the industry.

An Incubator has been established during this year for developing software engineering skills among students. The incubator is totally managed by the students and they have already developed and hosted the new college website as well as helped the Accounts Department and Registrar's Office in developing / modifying the requisite software. The incubator has also developed website and softwares for RSG Indo German hospital, Ghaziabad Management Association and a Canadian School The cell is also running regular evening classes for imparting practical training on web development to the junior students

MOU WITH INDUSTRIES AND SECTOR SKILL COUNCILS

List of Companies with which we have functional relationship

- Mitshubishi Electric India Pvt Ltd
- Fronius India Pvt Ltd
- Octagon Pvt Ltd
- IPG Photonics
- Schunk Intec India Pvt.Ltd.

- Stratasys India Pvt.Ltd
- Carl Zeiss India Pvt.Ltd
- Ni Systems India Pvt.Ltd.
- Kuka Robotics India Pvt.Ltd.
- Janatics India Pvt.Ltd.
- Schmalz India Pvt.Ltd.
- Pepper+Fuchs(I) Pvt.Ltd.
- Instrumentation, Automation, Surveillance & Communication Sector Skill Council
- Automotive Skills Development Council
- National Skill Development Cooperation
- Electronics Sector Skill Council of India

18. LoA and subsequent EoA till the current Academic Year

LoA and subsequent EoA till the current academic year is uploaded on the following link: https://www.akgec.ac.in/aicte-approval-letters/

19. Accounted audited statement for the last three years

Audited Statement for financial year 2021-22 is attached as **Appendix "C"**

20. Best Practices adopted, if any

Since its inception in 1998, AKGEC has been dedicated to ensuring quality by focusing our attention and directing all available resources. We strive to achieve academic excellence while promoting well-rounded development and instilling strong moral values and ethics among our students. Here are some of the key practices that define our college:

1. Professionally Managed Institution with Best in Class Infrastructure

The college is built on a foundation of five fundamental principles and ethical values viz. **transparency** in all operations, **uniformity** in actions devoid of discrimination or biases, **excellence** in every aspect of the institution, uncompromised **ethical conduct**, and a strong emphasis on **discipline**.
The college has excellent infrastructure with sprawling 40-acre campus featuring meticulously planned departmental complexes equipped with spacious laboratories, state-of-the-art classrooms, department libraries, and faculty cabins. The college excels in computing facilities, with a network of over 1600 computers connected through broadband for seamless Internet access. Three modern Computer Centres offer high-speed configurations with internet speeds of up to 1000 Mbps. The institution houses more than 80 spacious classrooms, each equipped with projectors, sound systems, and smart boards. Cutting-

edge laboratory equipment and software furnish the well-equipped laboratories and workshops. Four seminar halls and three conference halls facilitate various academic and research activities. The fully automated central library is stocked with over a hundred thousand books, national and international journals (including e-journals), and multimedia resources. Extensive subscriptions to e-journals, journals, e-books, and more enrich the library's resources. In addition to the central library, the college has hostel libraries. A spacious playground caters to outdoor sports such as cricket, football, volleyball, and basketball, while indoor games like badminton, table tennis, chess, and carom are also available. The college ensures comfortable hostel accommodations for students, providing six campus hostels—three for boys and three for girls—each equipped with a gymnasium and both indoor and outdoor sports facilities.

Further, AKGEC firmly believes in contributing to safeguard our environment. In keeping with the college philosophy of environmental sustenance, the college adopts a holistic eco-friendly approach across its campus infrastructure and activities. The buildings ensure maximum sunlight and ventilation. High and sustained focus is imparted on good level of cleanliness in all areas of the campus. The college maintains a polythene free campus where single use plastic including water bottles etc. are not encouraged. A network of 20 rain water harvesting wells connected to all terraces ensures channelization of rain water towards ground water level and recharge of ground water. AKGEC has installed grid connected solar photovoltaic system on the available roof area of academic complexes and hostels. The college places high focus on plantation in all non-concrete areas of the campus to prevent a dusty environment. The college buildings are surrounded by large open areas with well-maintained lawns and plantations.

2. Consistent Focus on Academics

AKGEC is renowned for its commitment to academic excellence. It stands as the sole engineering college in all of Uttar Pradesh to receive the Academic Excellence Award for two consecutive years. This prestigious honour was bestowed by H.E., the Governor of Uttar Pradesh. The college's dedication to scholastic achievement is further underscored by its receipt of the AKTU Chancellor's Medal, recognizing its consistent attainment of the highest marks across all branches for five consecutive years. AKGEC has also been honored with the Distinguished Alumnus Award from AKTU for two consecutive years. Moreover, since its inception, AKGEC holds the unique distinction of being the only college to receive the AKTU Gold Medal for M.Tech for two successive years.

AKGEC's unwavering commitment to academic excellence is manifested through a meticulously structured teaching, learning, and evaluation process. With a roster of highly qualified and dedicated faculty members, the institution remains steadfast in its pursuit of maintaining a high-value teaching-learning process. The institution effectively manages its diverse student body, catering to the needs of

both weaker and brighter students. This is achieved through various initiatives such as the buddy program, mentorship program, extra classes for lateral entry students, specialized MCQ sessions, rewards for top performers in internal and external exams, and motivation to engage in departmental societies that foster activity-based learning. The student-faculty ratio (SFR) is notably favourable, ensuring personalized attention. Interaction within the classroom and laboratory environments with faculty members plays a pivotal role in evaluating their progress. AKGEC places great emphasis on closely monitoring students and intervening when necessary to support weaker students and encourage advanced learners. Various programs are tailored to cater to the needs of both advanced and slower learners, particularly the following:

Buddy Program: All departments implement a buddy program wherein the top five students from each section are paired with the bottom five students to provide academic assistance and technical guidance. Regular meetings between buddy partners and department heads motivate and uplift students. This peer-teaching approach fosters individualized learning, active and rapid comprehension, comfort in communication, and shared understanding.

Mentorship Program: The mentorship program involves final-year and third-year students guiding their junior counterparts in problem-solving, doubt-clearing, and topic-based teaching. A mentorship section comprises fifteen students from each section, encompassing both top and bottom performers. This initiative not only aids struggling students but also supports the mentors in reviewing their subject concepts, contributing to their competitive exam preparation. Weekly classes are held, and student mentors receive a stipend from the college. Program achievements are assessed weekly and reported to the Head of Department. Student performance is also evaluated through internal exams.

Reward for Highest Marks: Acknowledging academic excellence, meritorious students who secure a minimum of 80% marks in all subjects of internal exams, including sessional 1, 2, and pre-university tests, receive cash awards.

Enriching Academic Engagement: AKGEC organizes a range of activities to enrich students' academic experience. Extension lectures, national seminars, workshops, panel discussions, and open forum discussions are conducted across various departments. Guest faculty members are invited to share their knowledge, enhancing students' reservoir of wisdom. The use of Google Classroom enhances teaching effectiveness, promoting collaboration and eliminating paper-based processes. Faculty members create Google classes to distribute assignments, provide feedback, and streamline communication. The institution also facilitates interactions with alumni, broadening students' perspectives with the latest insights from their respective fields.

3. High emphasis on industry academia interface

AKGEC stands as the sole institution in the country with the distinction of having 12 Centers of Excellence (COEs) approved by the Department of Science and Technology (DST). These centers

represent the forefront of technology and cover a wide range of domains. Equipped with state-of-the-art facilities, they provide advanced training, prototyping, testing, and measurement capabilities in areas like Automation, Robotics, Manufacturing, and the Automotive sector. This includes specialties such as CNC and Robotic Machining, Manual and Robotic Welding, Thermal, Plasma, and Laser Cutting, Destructive and Non-Destructive Testing, Measurement and Metrology, Industrial Pneumatics, Hydraulics, PLCs, Drives, Mechatronics, and 3D Printing. The institution has also established a Skill Development Centre in partnership with the National Skill Development Corporation (NSDC), further enhancing its capabilities. Notably, the Measurement and Metrology Centre has earned accreditation from NABL.

These COEs extend internationally recognized certifications for their comprehensive training programs. In the past academic year alone, they successfully conducted 33 industrial training programs, ranging from 40 to 160 hours in duration, certifying more than 472 students. Beyond the student body, these centers have also imparted their expertise to over 2000 external candidates. This includes corporate professionals from esteemed organizations such as Indian Railways, Indigo Airlines, IIT Delhi, Honda R&D, Jindal Stainless, Jaquar, KUKA, Tata Automation Ltd., TVS Motors, Ashok Leyland, among many others.

AKGEC has been bestowed with a series of prestigious awards and accolades that underscore its strong industry-academia interface and outstanding contributions. In addition to these accomplishments, AKGEC holds the distinction of being the sole institution in Uttar Pradesh to receive approval for the establishment of a Common Facility Center (CFC) under the One District One Product (ODOP) scheme of the Government of UP. This state-of-the-art facility, valued at Rs. 13.4 Crores, serves as a hub for high-end engineering product development for local industries. It encompasses modern tool rooms, material testing labs, R&D facilities, and an Industry 4.0 lab. This initiative showcases AKGEC's commitment to fostering innovation and development in the region's industrial landscape

4. Nurturing Innovation and Entrepreneurship

Innovation and creativity are pivotal tools within students' skillsets. AKGEC has established both an Idea Lab and an Intellectual Property Rights (IPR) Cell to foster, support, and accelerate small to medium-sized business ideas, innovations, entrepreneurship, and start-ups. The Idea Lab serves as a catalyst for the successful development of technology-based enterprises in critical sectors like manufacturing, Internet of Things, electronics, and energy. This lab provides an array of resources, expertise, facilities, and infrastructure, facilitating the growth of these entrepreneurial ventures. Over the past years, the Idea Lab has successfully incubated several start-ups within the college.

Furthermore, the institution has ingeniously transformed a shipping container into an air-conditioned mobile lab named the 'Innovation Garage.' This cutting-edge space is equipped with state-of-the-art

facilities and equipment, including power tools, hand tools, electrical and pneumatic components, electronic parts, and workbenches. Students can leverage this environment, complete with a compressed air supply, to ideate and develop innovative projects.

The college proudly hosts a FAB Lab in collaboration with the Massachusetts Institute of Technology (MIT), USA. This initiative is part of a global network comprising nearly 2000 local labs across the world, fostering an ecosystem of innovation and fabrication.

AKGEC has recently solidified its commitment to research and innovation through the signing of 14 Memoranda of Understanding (MoUs). These agreements aim to promote joint research, innovation, product development, consultancy, and competency enhancement through technical training in emerging technological domains. Among these notable collaborations are partnerships with entities such as Wind Moller and Holscher from Germany, Siberian State Industrial University in Russia, FH Westküste (West Coast University of Applied Sciences), FITT at IIT Delhi, I-HUB at IIT Delhi, Ru Tag IIT Delhi, and others.

As a testament to its dedication to research and development, AKGEC has secured an office space at the Research and Innovation Park, IIT Delhi. This strategic location allows the institution to provide new machine and product development services to start-ups, offer engineering services to researchers and start-ups, and enhance interaction and collaboration with organizations like the Foundation for Innovation & Technology Transfer (FITT), I-HUB Foundation for COBOTICS, Rural Technology Action Group (Ru TAG), and various research groups within different engineering departments. This active engagement in joint projects underscores AKGEC's commitment to advancing innovation, research, and collaboration in the field of technology and beyond.

5. Driving Research and Development Excellence

AKGEC has embarked on a remarkable journey, achieving significant milestones in research and development. Joint research endeavours, peer-reviewed journal publications, research projects, patents, and industrial partnerships have experienced substantial growth due to the college's steadfast encouragement, faculty commitment, and student engagement.

Over the past three years, the college's faculty members have contributed more than 400 research papers to esteemed refereed journals and conferences. The institution boasts 11 granted patents, with an additional 25 patents in the pipeline. Faculty members have spearheaded various industry and government-sponsored projects, completing 11 projects within three years. This includes projects funded by VRPS Scheme of AKTU, UP CST, and CRIP AKTU. Collaborative initiatives with entities like Indian Railways, Ghaziabad Precision Products, DRDO, Indian Army and Honda underscore the college's industry connectivity.

At AKGEC, the emphasis on Research and Development (R&D) transcends mere encouragement; it is actively cultivated across diverse domains of engineering, technology, science, and humanities. Fuelled by a dedicated team of research-oriented faculty, the college delves into cutting-edge areas like renewable energy, data mining, machine learning, adaptive manufacturing, automation, IoT, and block chain.

Complementing its commitment to R&D, AKGEC proudly publishes the biannual "International Journal of Technology." This journal serves as a distinguished platform for disseminating ground-breaking findings in engineering and technology. Moreover, individual departments within the college contribute to the academic discourse by launching their own technical journals, showcasing contributions from both faculty and students.

The renowned "AKGEC International Journal of Technology" (ISSN 0975-9514) stands as a testament to the college's dedication to academic rigor. Over the past 12 years, this journal has meticulously curated and published 26 issues, including two editions in the 2022–23 academic year. Encompassing a comprehensive scope that spans all engineering disciplines, it offers invaluable insights across various areas of expertise. Additionally, the journal celebrates exceptional contributions with awards like the Best Paper in each issue, while selected papers with significant impact receive special recognition. AKGEC regularly hosts national and international conferences that receive overwhelming response from researchers, industry professionals, faculty, and students.

AKGEC's eight departments further amplify this commitment through their individual biannual technical journals. These departmental publications cover a wide spectrum, catering to specific domains of expertise. The college's emphasis on R&D extends beyond publications. It includes support for faculty and student contributions through consultancy, research projects, patents, and awards. This active recognition reflects the college's commitment to fostering an environment of innovation. Ethical research is reinforced through a well-defined research policy. Additional policies incentivize faculty for publishing papers, attending conferences, managing intellectual property rights (IPR), and pursuing patents. Faculty members receive awards for their R&D accomplishments, including incentives for winning the best paper award.

This comprehensive approach underscores the institution's unwavering commitment to nurturing a culture of innovation and scholarly pursuits. By fostering cutting-edge research, promoting knowledge dissemination through journals, and acknowledging outstanding contributions, AKGEC truly embodies a holistic approach to nurturing a vibrant research and development ecosystem.

6. Emphasis on Value based Education

AKGEC's commitment to fostering personal transformation among faculty, staff, and students has earned it the distinction of being nominated as a Nodal Centre by AKTU. Notably, AKGEC stands as the sole college where every faculty member is required to complete an essential 8-day course in Human

Values and Professional Ethics. Additionally, many faculty members have pursued advanced courses in Universal Human Values, exemplifying the institution's dedication to this crucial facet.

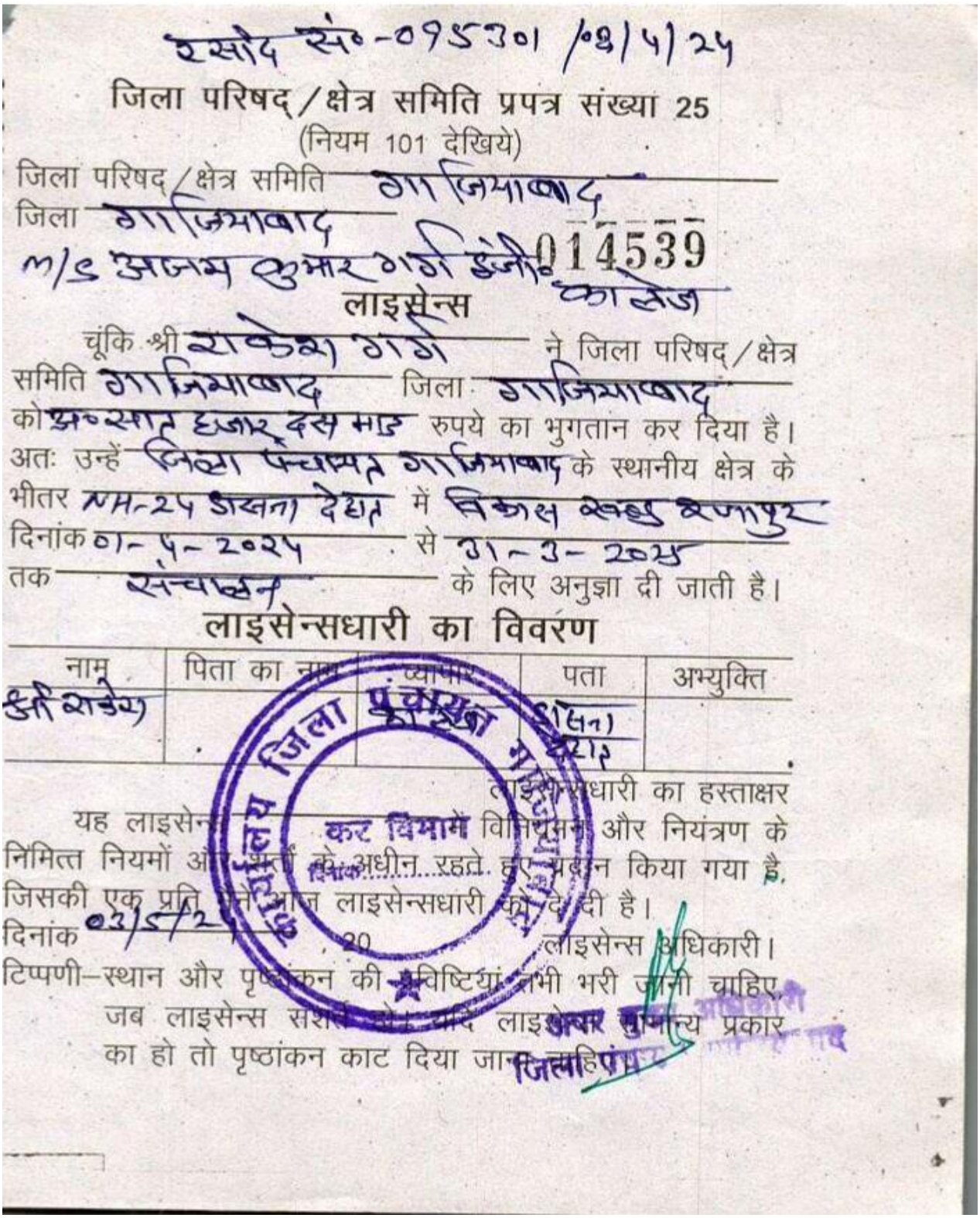
Aligned with its core values, AKGEC established the Value Education Cell (VE Cell) over a decade ago under the guidance of AKTU. This cell serves as a platform for integrating value education into the fabric of daily life. Students are integral to the VE Cell, contributing to a range of administrative responsibilities, including the organization of evening workshops, online webinars, Earth Day celebrations, and the engaging "Quiz of the Week." Drishti, a captivating video-based event, evaluates participants' perceptions through the lens of holistic wisdom. Leveraging the power of social media, the college promotes these enriching events. Beyond its campus, AKGEC's Regional Center extends its vision by promoting value education not only within the college but also in nearby institutions. This endeavour aims to ingrain value education as an indispensable part of life.

In recognition of its steadfast commitment, Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad, emerged as one of AKTU's five nodal centres in September 2015. This distinction marked AKGEC's dedication to disseminating value education. The establishment of the Value Education Cell (VE Cell) further solidified the college's aspiration to foster relationships that promote mutual happiness among fellow human beings and mutual prosperity with the rest of nature.

AKGEC's efforts transcend traditional education, aiming to shape individuals who are not only knowledgeable in their chosen fields but also equipped with the values that lead to holistic well-being and harmonious coexistence. This enduring commitment to value education underscores the college's role in nurturing individuals who contribute positively to both their personal lives and society at large.

Appendix 'A'

OCCUPANCY CERTIFICATE / BUILDING LICENSE



रसीद सं०-०१५३०१ /०१/५/२५

जिला परिषद/क्षेत्र समिति प्रपत्र संख्या 25

(नियम 101 देखिये)

जिला परिषद/क्षेत्र समिति गाजियाबाद

जिला गाजियाबाद

m/s अजय कुमार गर्ग इंजी० 014539 का लेज

लाइसेन्स

चूंकि श्री राकेश गर्ग ने जिला परिषद/क्षेत्र समिति गाजियाबाद जिला गाजियाबाद को सत्तर हजार दस मात्र रुपये का भुगतान कर दिया है। अतः उन्हें जिला पंचायत गाजियाबाद के स्थानीय क्षेत्र के भीतर NH-24 डासना देहात में विकास खण्ड इजापुर दिनांक ०१-५-२०२५ से ३१-३-२०२५ तक सचालन के लिए अनुज्ञा दी जाती है।

लाइसेन्सधारी का विवरण

नाम	पिता का नाम	व्यापार	पता	अभ्युक्ति
श्री राकेश				

लाइसेन्सधारी का हस्ताक्षर

यह लाइसेन्स कर विभाग विनियमन और नियंत्रण के निमित्त नियमों और शर्तों के अधीन रहते हुए प्रदान किया गया है, जिसकी एक प्रति मैंने आज लाइसेन्सधारी को दे दी है।

दिनांक 03/5/25 20 लाइसेन्स अधिकारी।

टिप्पणी–स्थान और पृष्ठांकन की विष्टियां सभी भरी जानी चाहिए, जब लाइसेन्स संशोधित हो। यदि लाइसेन्स अन्य सामान्य प्रकार का हो तो पृष्ठांकन काट दिया जाना चाहिए।

Appendix 'B'

FIRE FIGHTING CERTIFICATE

प्रारूप-छ (संलग्नक-6)

अग्नि सुरक्षा प्रमाणपत्र (पूर्णता (कम्प्लीशन) अनापत्ति प्रमाणपत्र)

यूआईडी संख्या : UPFS/2021/31837/GZB/GHAZIABAD/2292/CFO
दिनांक : 28-05-2021

प्रमाणित किया जाता है कि मेसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE and AJAY KUMAR GARG INSTITUTE OF MANAGEMENT** पता **KHASRA No. 824, 825, 826, 928Cha, 928Ka Etc.,27 Km Stone, DELHI HAPUR BY PASS, VILLAGE-DASNA,GHAZIABAD** तहसील - **GHAZIABAD** प्लाट एरिया **118313.00 sq.mt** (वर्गमीटर), कुल कवर्ड एरिया **1333.67** (वर्ग मीटर), ब्लाकों की संख्या - **3** जिसमे -

ब्लॉक/टावर	प्रत्येक ब्लाक में तलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
BLOCK 22 CENTRAL STORE EXTENSION	3	0	12.00 mt.
BLOCK 23 OPEN AIR THEATRE	1	0	03.50 mt.
BLOCK 24 DOCUMENTS STORE	2	0	06.50 mt.

है। भवन का अधिभोग मेसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE and AJAY KUMAR GARG INSTITUTE OF MANAGEMENT** द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाएं, एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित करायी गयी व्यवस्थाओं का निरीक्षण **अग्निशमन अधिकारी** द्वारा दिनांक **07-06-2021** को भवन स्वामी/भवन स्वामी के प्रतिनिधि श्री **MUKESH SHARMA** के साथ किया गया। भवन में अधिस्थापित अग्नि सुरक्षा व्यवस्थाएं मानकों के अनुसार अधिस्थापित पायी गयी। अतः प्रश्नगत भवन को अग्नि सुरक्षा प्रमाणपत्र (फायर सेफ्टी सर्टिफिकेट) एन0बी0सी0 की अधिभोग श्रेणी **Educational** के अन्तर्गत वैधता तिथि **07-06-2021** से **06-06-2024** तक **3** वर्षों के लिए इस शर्त के साथ निर्गत किया जा रहा है कि भवन में नियमानुसार स्थापित सभी अग्निशमन व्यवस्थाओं का अनुरक्षण करते हुए क्रियाशील बनाये रखा जायेगा। भवन में स्थापित की गयी अग्निशमन व्यवस्थाओं में पायी गयी कमी के कारण किसी भी घटना के लिए मेसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE and AJAY KUMAR GARG INSTITUTE OF MANAGEMENT** अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होगें। निर्गत अग्नि सुरक्षा प्रमाणपत्र का नवीनीकरण निर्धारित समयावधि के अन्दर न कराये जाने पर निर्गत अग्नि सुरक्षा प्रमाणपत्र स्वतः ही निरस्त मान लिया जायेगा, जिसके लिए मेसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE and AJAY KUMAR GARG INSTITUTE OF MANAGEMENT** अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होगें।

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों , सूचनाओं के आधार पर निर्गत किया जा रहा है । इनके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा ।"

Note : भवन के ब्लाक-24 मे स्टेयर कैस की चैडाई को अग्रिम 02 माह मे न्यूनतम 1.50 मीटर किया जाना अनिवार्य होगा।

निर्गत किये जाने का दिनांक : 07-06-2021
स्थान : GHAZIABAD

हस्ताक्षर - (डिजिटल रूप से हस्ताक्षरित)
SUNIL KUMAR SINGH
04138545508 7A3F51D5ACB26194051C1EABA41A4
07-06-2021

Note:- Kinldy check the authentication of NOC by verifying the UID at departmental portal of UP Fire Service.

Renewal NOC

Print

प्रारूप-झ (संलग्नक-9)

अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनाकरण
(Renewal of Fire & Life Safety Certificate)

यूआईडी संख्या: UPFS/2019/6293/GZB/GHAZIABAD/452/CFO
दिनांक: 02-05-2019

प्रमाणित किया जाता है कि मैसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE** (भवन/प्रतिष्ठान का नाम) पता **GIRLS HOSTEL-3, KH. NO.-824,825,826 828h,929, ETC.,27Th KM STONE, DELHI-HAPUR BY PASS, VILLAGE-DASNA,GHAZIABAD** तहसील - **GHAZIABAD** जिसमें तलों की संख्या **6** एवं बेसमेन्ट की संख्या **0** है जिसकी ऊँचाई **18.91** मीटर तथा प्लाट एरिया **118313.00 sq.mt** है। भवन का अधिभोग **AJAY KUMAR GARG ENGINEERING COLLEGE** (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थायें एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण **अग्निशमन अधिकारी** द्वारा दिनाँक **09-05-2019** को भवन स्वामी के प्रतिनिधि श्री **SHRI MUKESH KUMAR** के साथ किया गया तथा भवन में अधिष्ठापित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रश्नगत भवन को अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनीकरण (Renewal ofFire & Life Safety Certificate)(एन0बी0सी0 की अधिभोग श्रेणी) **Residential** के अन्तर्गत वैधता तिथि **10-05-2019** से **08-05-2024** तक **5** वर्ष के लिये इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित समयवधि के अन्तर्गत पुनः कराया जायेगा तथा नवीनीकरण से पूर्व भवन मं. स्थापित अग्निशमन व्यवस्थाओं को क्रियाशील रखने की जिम्मेदारी आपकी होगी ।

निर्गत किये जाने का दिनांक: 10-05-2019
स्थान: GHAZIABAD

Renewal NOC

Print

प्रारूप-झ (संलग्नक-9)

अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनाकरण
(Renewal of Fire & Life Safety Certificate)

यूआईडी संख्या: UPFS/2019/6243/GZB/GHAZIABAD/447/CFO
दिनांक: 30-04-2019

प्रमाणित किया जाता है कि मैसर्स **AJAY KUMAR GARG ENGINEERING COLLEGE** (भवन/प्रतिष्ठान का नाम) पता **BOYS HOSTEL-3, 27th KM STONE, NH-24,DELHI-HAPUR BY PASS ROAD, VILLAGE-DASNA,GHAZIABAD** तहसील - **GHAZIABAD** जिसमें तलों की संख्या **6** एवं बेसमेन्ट की संख्या **0** है जिसकी ऊँचाई **17.80** मीटर तथा प्लाट एरिया **9915.00 sq.mt** है। भवन का अधिभोग **AJAY KUMAR GARG ENGINEERING COLLEGE** (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थायें एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण **अग्निशमन अधिकारी** द्वारा दिनाँक **09-05-2019** को भवन स्वामी के प्रतिनिधि श्री **SHRI MUKESH SHARMA** के साथ किया गया तथा भवन में अधिष्ठापित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रश्नगत भवन को अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनीकरण (Renewal ofFire & Life Safety Certificate)(एन0बी0सी0 की अधिभोग श्रेणी) **Residential** के अन्तर्गत वैधता तिथि **10-05-2019** से **08-05-2024** तक **5** वर्ष के लिये इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित समयवधि के अन्तर्गत पुनः कराया जायेगा तथा नवीनीकरण से पूर्व भवन मं. स्थापित अग्निशमन व्यवस्थाओं को क्रियाशील रखने की जिम्मेदारी आपकी होगी ।

निर्गत किये जाने का दिनांक: 10-05-2019
स्थान: GHAZIABAD

Appendix 'C'

AUDITED STATEMENT FOR FINANCIAL YEAR 2022-23

ANIL VAISH & CO.
CHARTERED ACCOUNTANTS

C-98, RDC RAJ NAGAR
Ghaziabad - 201002
Ph. : 2822234, 2822235

AUDITOR'S REPORT

To,

THE MEMBERS,
AJAY KUMAR GARG ENGINEERING COLLEGE
GHAZIABAD.

We have examined the Balance Sheet of **AJAY KUMAR GARG ENGINEERING COLLEGE,** 27 Km Stone, Delhi- Hapur Bypass Road, Adhyatmik Nagar Ghaziabad as at 31st March 2023 and Income and Expenditure Account annexed thereto for the period ended on that date which are in agreement with the books of accounts maintained by the said Society.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit. In our opinion, proper books of account have been kept by the above society visited by us, so far as it appears from our examinations of books, subject to comments as under:

In our opinion and to the best of our information and according to explanations given to us, the said accounts give a true and fair view: -

(i) In the case of Balance Sheet of the State of the affairs of above named trust as on 31st March, 2023, and

(ii) In the case of Income & Expenditure Account of the excess of Income over Expenditure for its accounting period ended on 31st March, 2023.

For ANIL VAISH & CO.
Chartered Accountants

ANIL VAISH & COMPANY * GHAZIABAD * CHARTERED ACCOUNTANTS

(KARAN GUPTA)
Partner/FCA
M. No. 416620

Place: GHAZIABAD
Dated: 04.07.2023
Udin : 23416620BGQUYY1534

AJAY KUMAR GARG ENGINEERING COLLEGE

(A UNIT OF INDIAN INSTITUTE OF MANAGEMENT & ENGINEERING SOCIETY)

27th-Km. Stone, Delhi-Hapur By Pass Road, P.O. Adhyatmik Nagar, Ghaziabad

BALANCE SHEET AS ON 31st MARCH 2023

LIABILITIES		AMOUNT	ASSETS	AMOUNT
CORPUS FUND			**FIXED ASSETS**	969,965,594.42
Opening Balance	37,043,781.68		(As Per Annexure-4)	
Add: Transfer to Society	(1,528,023.60)	35,515,758.08		
GENERAL FUND			**INVESTMENTS**	69,499,970.00
Opening Balance	989,617,702.50		(As Per Annexure-5)	
Add: Excess of Income over expenditure	160,316,268.92	1,149,933,971.42	**CURRENT ASSETS**	
			(1) CASH AND CASH EQUIVALENTS (As Per Annexure-6)	371,938,008.80
LOAN FUND				
SECURED LOANS				
Kotak Mahindra Bank OD A/c (Secured against equitable mortgage of college land & building and hypothecation other movable assets)		152,159,078.52	(2) SECURITY DEPOSITS (As Per Annexure-7)	6,035,279.00
			(3) OTHER ADVANCES (As Per Annexure-8)	73,283,006.16
CURRENT LIABILITIES AND PROVISIONS				
(1) SECUIRTY RECEIVED (As Per Annexure-1)		95,193,950.00	(4) BALANCE WITH REVENUE AUTHORITIES (As Per Annexure-9)	900,406.61
(2) SUNDRY CREDITORS		460,194.00	(4) AMOUNT RECEIVABLE (As Per Annexure-10)	28,486,573.08
(3) EXPENSES PAYABLE (As Per Annexure-2)		746,574.00		
(4) OTHER LIABLITIES (As Per Annexure-3)		86,099,312.05		
		1,520,108,838.07		1,520,108,838.07
				0.00

AS PER OUR AUDIT REPORT OF EVEN DATE ATTACHED

ANIL VAISH & Co.

Chartered Accountants

ANIL VAISH & COMPANY ★ GHAZIABAD ★ CHARTERED ACCOUNTANTS

(Karan Gupta)
FCA/Partner

(Adi Narayan Gupta)
Jt. Secretary

(Vinay Garg)
Treasurer

Place : GHAZIABAD

Date : 04.07.2023

AJAY KUMAR GARG ENGINEERING COLLEGE

(A UNIT OF INDIAN INSTITUTE OF MANAGEMENT & ENGINEERING SOCIETY)

27th-Km. Stone, Delhi-Hapur By Pass Road, P.O. Adhyatmik Nagar, Ghaziabad

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING ON 31.03.2023

PARTICULARS	AMOUNT	PARTICULARS	AMOUNT
To Advertisement & Publicity	5,586,387.00	By Interest Income	13,333,374.96
To Audit Fee	100,000.00	By Fee Collection	685,588,457.63
To Bank Charges	147,318.95	By Other Receipts	5,528,518.17
To Interest on loan	4,204,693.00		
To Covid-19	44,586.00		
To Donation	10,750,000.00		
To Duties & Taxes	161,474.00		
To Electricity Expenses	17,674,605.89		
To Examination Exepnses	865,674.00		
To Extra/Co-Curricullar Activities	9,962,371.49		
To Fuel Expenses (Generator)	3,896,272.00		
To Housekeeping	8,126,510.00		
To Insurance Expenses	1,253,620.00		
To Internet Expenses	3,215,020.00		
To Journal & Periodicals	1,355,242.02		
To Labs. Consumables	10,915,786.89		
To ıl & Professional Chg..	1,278,125.00		
To Misc. Expenses	496,409.16		
To Postage & Courier	71,649.00		
To Printing & Stationery	2,230,820.00		
To Rent	2,230,200.00		
To Recruitment	40,830.00		
To Repair & Maintenance	99,097,986.21		
To Salary & Wages	272,657,225.00		
To Security Expenses	10,994,114.00		
To Staff And Student Welfare	6,974,409.73		
To Telephone Expenses	422,402.26		
To Processing Charges	1,090,318.60		
To Travelling & Conveyance	7,237,735.00		
To Training & Placement	126,584.00		
To Vehicle Expenses	4,816,267.00		
To Depreciation	56,109,445.64		
To Excess Of Income Over Expenditure			
To Net Profit Transferred to Prop. C/A	160,316,268.92		
	704,450,350.76		704,450,350.76

AS PER OUR AUDIT REPORT OF EVEN DATE ATTACHED

ANIL VAISH & Co.

Chartered Accountants

ANIL VAISH & COMPANY ★ GHAZIABAD ★ CHARTERED ACCOUNTANTS

(Karan Gupta)
FCA/Partner

(Adi Narayan Gupta)
Jt. Secretary

(Vinay Garg)
Treasurer

Place : GHAZIABAD

Date : 04.07.2023

AJAY KUMAR GARG ENGINEERING COLLEGE
(A UNIT OF INDIAN INSTITUTE OF MANAGEMENT & ENGINEERING SOCIETY)
27th-Km. Stone, Delhi-Hapur By Pass Road, P.O. Adhyatmik Nagar, Ghaziabad
ANNEXURE TO BALANCE SHEET AS ON 31st MARCH 2023

"ANNEXURE-1"

PARTICULARS	AMOUNT
SECUIRTY RECEIVED	
AKGEC	
1 BCA Caution Money	178,000.00
2 B-Tech Caution Money	70,035,550.00
3 MCA Caution Money	2,353,000.00
4 M-Tech Caution Money	2,083,000.00
5 Hostel Security	20,444,400.00
6 Vendor Security	100,000.00
TOTAL (A)	95,193,950.00

"ANNEXURE-2"

PARTICULARS	AMOUNT
EXPENSES PAYABLE	
AKGEC	
1 Audit Fees Payable	90,000.00
2 Legal & Professional Payable	54,000.00
3 TDS Payable	52,281.00
4 EPF Payable	473,338.00
5 ESIC Payable	76,955.00
	746,574.00

"ANNEXURE-3"

OTHER LIABILITIES	
1 Fees Payable (UPTU) / Others	7,207,442.08
2 TEQIP Project (Unnat Bharat Abhiyan)	16,472.00
3 All India Council of Technology	357,728.40
4 Gratuity Payable	64,254,255.00
5 Advance Fees Received from Students	7,299,191.57
6 Old Dues to Students	6,964,223.00
	86,099,312.05

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27th-Km. Stone, Delhi-Hapur By Pass Road, P.O. Adhyatmik Nagar, Ghaziabad
ANNEXURE TO BALANCE SHEET AS ON 31.03.2023

"ANNEXURE-4"

DESCRIPTION	Rate of Depreciation	GROSS BLOCK					DEPRECIATION				NET BLOCK
		As on 01.04.2022	Additions Before 30.09.2022	Additions After 30.09.2022	Adjustments	Total as on 31.03.2023	Upto 01.04.2022	For the year 2022-23	Adjustments 2022-23	Total upto 31.03.2023	As on 31.03.2023
BLOCK-A											
LAND AND BUILDING											
Land	0%	241,939,818.50	0.00	0.00	0.00	241,939,818.50	0.00	0.00	0.00	0.00	241,939,818.50
BUILDING	5%	813,143,840.00	292,364,551.00	4,048,000.00	0.00	1,109,556,391.00	530,452,065.52	28,854,016.27	0.00	559,306,081.79	550,250,309.21
BUILDING UNDER CONSTRUCTION	0%	295,077,701.00	37,919,554.00	15,427,960.00	292,364,551.00	56,060,664.00	0.00	0.00	0.00	0.00	56,060,664.00
SUB-TOTAL		1,350,161,359.50	330,284,105.00	19,475,960.00	292,364,551.00	1,407,556,873.50	530,452,065.52	28,854,016.27	0.00	559,306,081.79	848,250,791.71
BLOCK-B											
FURNITURE & FIXTURE	10%	30,103,709.95	4,414,522.00	433,775.00	0.00	34,952,006.95	17,111,473.80	1,762,364.57	0.00	18,873,838.36	16,078,168.59
SUB-TOTAL		30,103,709.95	4,414,522.00	433,775.00		34,952,006.95	17,111,473.80	1,762,364.57	0.00	18,873,838.36	16,078,168.59
BLOCK-C											
OFFICE EQUIPMENTS	15%	34,915,831.06	465,100.00	689,508.00	0.00	36,070,439.06	24,184,990.87	1,731,104.13	0.00	25,916,095.00	10,154,344.06
OTHER ASSETS	15%	82,204,517.00	1,896,170.00	2,199,368.00	0.00	86,300,055.00	51,438,001.57	5,064,355.41	0.00	56,502,356.99	29,797,698.01
SUB-TOTAL		117,120,348.06	2,361,270.00	2,888,876.00		122,370,494.06	75,622,992.44	6,795,459.54	0.00	82,418,451.98	39,952,042.08
BLOCK-D											
VEHICLES	15%	21,975,127.00	0.00	0.00	0.00	21,975,127.00	13,600,404.83	1,256,208.33	0.00	14,856,613.15	7,118,513.85
SUB-TOTAL		21,975,127.00	0.00	0.00		21,975,127.00	13,600,404.83	1,256,208.33	0.00	14,856,613.15	7,118,513.85
BLOCK E											
LAB EQUIPMENTS											
COMPUTER SC.LAB - ASSETS	40%	117,918,793.75	4,045,009.00	1,660,480.00	0.00	123,624,282.75	105,380,841.00	6,965,280.70	0.00	112,346,121.70	11,278,161.05
OTHER LAB EQUIPMENTS	15%	103,795,312.37	2,492,469.00	4,144,755.00	0.00	110,432,536.37	61,951,038.43	6,961,368.07	0.00	68,912,406.49	41,520,129.88
SUB-TOTAL		221,714,106.12	6,537,478.00	5,805,235.00		234,056,819.12	167,331,879.43	13,926,648.76	0.00	181,258,528.19	52,798,290.93
BLOCK F											
SOLA[illegible]YSTEM	40%	20,266,525.00	0.00	0.00	0.00	20,266,525.00	19,973,991.88	117,013.25	0.00	20,091,005.13	175,519.87
SUB-TOTAL		20,266,525.00	0.00	0.00		20,266,525.00	19,973,991.88	117,013.25	0.00	20,091,005.13	175,519.87
BLOCK G											
LIBRARY - BOOKS	40%	43,700,581.00	2,066,933.00	991,330.04	0.00	46,758,844.04	37,768,841.72	3,397,734.92	0.00	41,166,576.64	5,592,267.40
SUB-TOTAL		43,700,581.00	2,066,933.00	991,330.04		46,758,844.04	37,768,841.72	3,397,734.92	0.00	41,166,576.64	5,592,267.40
TOTAL		1,805,041,756.63	345,664,308.00	29,595,176.04	292,364,551.00	1,887,936,689.67	861,861,649.61	56,109,445.64	0.00	917,971,095.25	969,965,594.42

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ANNEXURE TO BALANCE SHEET AS ON 31st MARCH 2023

PARTICULARS	"ANNEXURE-5"		AMOUNT
INVESTMENTS			
IIMES			
1 6799997 Equity Shares of Rs. 10/- each in AKGEC Skills Foundation			67,999,970.00
2 150000 Equity Shares of Rs. 10/- each in AKGFIPD			1,500,000.00
		TOTAL	69,499,970.00

PARTICULARS	"ANNEXURE-6"		AMOUNT
CASH AND CASH EQUIVALENTS			
IIMES			
1 S/B with Bank of Baroda-7835			2,945,509.00
		TOTAL (A)	2,945,509.00
AKGEC			
1 Cash in hand			71,467.00
2 Bank Balances			227,765,406.37
3 FDR Pledged with GDA			658,393.43
4 FDR with Kotak Bank Ltd			139,998,419.00
5 Accrued Interest on FDRS			498,814.00
		TOTAL (B)	368,992,499.80
AKGIM			
		TOTAL (A+B)	371,938,008.80

PARTICULARS	"ANNEXURE-7"		AMOUNT
SECURITY DEPOSITS			
IMES			
.elephone Security			6,000.00
		TOTAL (A)	6,000.00
AKGEC			
1 Allied Gas Security			4,000.00
2 Electricity Security			2,931,195.00
3 Indraprastha Gas Ltd.			1,408,794.00
4 Internet Security			28,500.00
5 Security To Gzb Gas			134,935.00
6 Dr APJ Abdul Kalam Technical University			1,500,000.00
7 Security With Himgiri Automobiles			855.00
8 Telephone Security			21,000.00
		TOTAL (B)	6,029,279.00
		TOTAL (A+B)	6,035,279.00

PARTICULARS	"ANNEXURE-8"		AMOUNT
OTHER ADVANCES			
IIMES			
1 Advance against Land			27,318,209.00
		TOTAL (A)	27,318,209.00
AKGEC			
1 Advance to Staff			244,193.16
2 Advance to supplier			45,720,604.00
		TOTAL (B)	45,964,797.16
		TOTAL (A+B)	73,283,006.16

PARTICULARS	"ANNEXURE-9"		AMOUNT
BALANCE WITH REVENUE AUTHORITIES			
IIME			
1 Income Tax Refundable			308,227.09
2 Income Tax Deducted at Source			592,179.52
		TOTAL	900,406.61

PARTICULARS	"ANNEXURE-10"		AMOUNT
AMOUNT RECEIVABLE			
AKGEC			
1 Pradhan Mantri Kaushal Vikas Yogna			2,354,447.00
2 From Student (old Dues)			5,596,126.08
3 From Student (22-23 Dues)			20,536,000.00
			28,486,573.08
		TOTAL (A)	28,486,573.08

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Grouping to Balance Sheet for the Period Ending on 31.03.2023

PARTICULARS		AMOUNT
AKGEC		
SUNDRY CREDITORS		
1 Finance Officer, UPTU		146,020.00
2 GD Traders		1,573.00
3 KAP Automobiles (P) Ltd.		871.00
4 KK Techno Solutions		6,643.00
5 Leaders Inc.		5,400.00
6 Living Media (India) Ltd.		95,000.00
7 Nandani Roofing System (P) Ltd		37,213.00
8 Regent Autolinks Pvt.Ltd.		9,116.00
9 Solwearth Ecotech Pvt.Ltd.		138,060.00
10 Tejvir Singh		828.00
11 Vodacom Technologies		19,470.00
	TOTAL	460,194.00
BANK BALANCES		
1 4111799327-KMBL - Gratuity A/c		6,637,891.00
2 4111799334-KMBL - CAO A/c		618,745.00
3 4111824449-KMBL-		176,464.01
4 4112707802-KMBL-PMKVY		1,523,961.00
5 4849-BOB		101,698,855.00
6 508010250461-KMBL-SB		105,667,112.00
7 508011023727-KMBL-SDC		144,907.17
8 508011023735-KMBL-CA		3,121,450.88
9 508011025653-KMBL- R.I.C.C.-		345,749.15
1[illegible]390-BOB- PRINCIPAL		7,744,533.16
11 100002683355- EQUITAS		85,738.00
	TOTAL	227,765,406.37

PARTICULARS		AMOUNT
ADVANCE TO SUPPLIER		
1 Abdul Kalam Pop Contractor		5,459.00
2 Acrylic House		27,966.00
3 Akanksha Decors		3,120.00
4 Ark Infosolutions Pvt.Ltd.		3,770.00
5 Asteria Aerospace Limited		312,500.00
6 Carl Zeiss India (Bangalore)Pvt.Ltd.		27,100.00
7 CBAI Technologies Pvt.Ltd.		338,000.00
8 Decotex		337,400.00
9 Director National Physical Laboratory		27,140.00
10 Dr Ram Saran Garg (Indo-German) Medicalcentre		5,135.00
11 Eureka Forbes Ltd.		1,121.00
12 Fronius India Pvt. Ltd.		641,920.00
13 Himgiri Automobiles Pvt.Ltd.		15,076.00
14 Hindustan Hydraulics		575,000.00
15 IGL A/C No.7100000341		30,105.00
16 IGL A/C No.7100000342		1,666.00
17 IGL A/C No.7100000343		24,664.00
18 IGL A/C No.7100000344		28,726.00
19 IGL A/C No.7100000345		71,661.00
2[illegible]GL A/C No.7100000346		26,683.00
21 IGL A/C No.7100000407		66,707.00
22 Kan Universal Pvt.Ltd.		544,000.00
23 Mecha3D		3,540.00
24 P.J.Networks Pvt.Ltd		7,500.00
25 Shamsher		20,750.00
26 Sharma Model Aero Engines & Propellers		56,168.00
27 Shiva Automobiles Stores		200,001.00
28 Sidharth Interior		42,949.00
29 Singer India Ltd.		13,618.00
30 Sony Concrete Flooring Solution		354,750.00
31 Tesmo		36,480.00
32 Uttam Toyota		36,437.00
33 Wonder Cement Ltd.		32,500.00
34 DDUGKY (Grant In Aid)		10,700,000.00
35 DDUGKY (Current)		368,700.00
36 AKGEC SKILLS		30,300,000.00
37 AKGEC SKILLS (Current A/c)		432,292.00
	TOTAL	45,720,604.00

PROVISION OF GRATUITY PAYABLE	
Opening Balance	67,850,337.00
Add: Provision of Current year	6,247,712.00
	74,098,049.00
Less: Gratuity Paid (Upto March 2021)	8,508,514.00
Less: Gratuity Paid (For FY 2021-22)	1,335,280.00
Closing Balance	64,254,255.00

ANIL VAISH & COMPANY ★ GHAZIABAD ★ CHARTERED ACCOUNTANTS