

CURRICULUM VITAE

ARPITA GUPTA

D/O- PREM NARAYAN GUPTA

DOB- 30-MAY-1996

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CAREER OBJECTIVE

I want to become a part of an organization where I can have the opportunity to learn, lead, and apply my technical skills to achieve the best.

ACADEMIC CREDENTIALS

Qualification	Year Of Passing	Institution	University/ Board	CGPA/ Grade
Ph.D	2024	Galgotias University	–	–
M.Tech (Digital Communication)	2019	Bundelkhand Institute Of Engg. & Technology, Jhansi	Dr. APJ Abdul Kalam Technical University, Lucknow	85.24% (Div-I HONS)
B.Tech (Electronics & Communication)	2017	Raja Balwant Singh Engg. Technical Campus, Bichpuri, Agra	Dr. APJ Abdul Kalam Technical University, Lucknow	80.8% (Div-I HONS)
Senior Secondary	2013	D.B.M. Agra	C.B.S.E. Board	79.6%
Higher Secondary	2011	D.B.M. Agra	C.B.S.E. Board	85.5%

M.TECH. PROJECT :

Name of the Organization	Bundelkhand Institute Of Engg. & Technology, Jhansi
Project Title	Cryptography Using Artificial Intelligence
Requirements	BPA(Back Propagation Algorithm), E & D Keys
Description	<p>A neural network with a combination of feed forward & back propagation algorithm (BPA) can be used to overcome all these disadvantages, which decreases the mistake.</p> <p>The various criteria that the user uses to scramble the information so that hackers get more crisis to hack the information, thus offering greater safety.</p>

B.TECH. PROJECT :

Name of the Organization	Raja Balwant Singh Engg. Technical Campus, Bichpuri, Agra
Project Title	Talking Fingers for Mute People
Requirements	Gesture, Flex Sensor, Microcontroller.
Description	<p>To overcome the communication barrier within the normal and abnormal peoples, developing a glove which senses the finger movement of the sign language through sensors and translates it into text and voice output.</p> <p>Mute people can use the glove to perform hand gesture and the same will be converted into text as well as in speech so that normal people can understand the mute person expression.</p>

TECHNICAL PROFILE

SPICE & DIPTRACE:

➤ Good understanding of concept.

➤ Knowledge of designing PCB's.

➤ Knowledge of developing the application.

MATLAB:

- Good understanding of tools and concept of coding.

C LANGUAGE:

- Understanding of coding.

AREA OF INTEREST

- Designing of PCB's.
- Write papers related to my field.

ACHIEVEMENTS & AWARDS

- Best student of the year in college for highest percentage in Masters[2019].
- In College participated in events such as:
 1. PRE-FIRE & FLAME ON EVENT organized by E-ALCHEMY[2017].
 2. Project competition organized by department of Electronics & Communication[2016].
- Published the papers entitled:
 - ✓ **Sign Language Glove with Voice Synthesizer:** Published in “**International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering**” Vol. 6, Issue 3, March 2017.
 - ✓ **Cryptography Using Artificial Intelligence:**
 - 1) Presented a paper in conference (ACTN-Advanced Communication Technologies & Networks-2019) MNIT, Jaipur.
 - 2) Published in college level and will publish in **Springer Series (B)**.
 - ✓ **Cryptography Using Artificial Intelligence:** Will publish in **International Journal of Information Technology and Electrical Engineering (ITEE)**: (UGC & AICTE Approved) also published in “**Journal of Emerging Technologies and Innovative Research (JETIR)**” Vol. 7, Issue 2, February 2020: (UGC & AICTE Approved).
 - ✓ **Design a 4 Channel Signal Conditioner for load cell and develop a PCB:** Published in “**International Journal of Engineering Development & Research (IJEDR)**” Vol. 7, Issue 4, October 2019.
 - ✓ **Design of 2x2 Microstrip Patch Array Antenna for 5G C-Band Access Point Applications:** Published in “**Journal of Emerging Technologies and Innovative Research (JETIR)**” Vol. 7, Issue 2, February 2020: (UGC & AICTE Approved).

INDUSTRIAL TRAINING

- **1 month training in ADRDE, Agra-** Design a 4 Channel Signal Conditioner for load cell and develop a PCB using DipTrace.

EXPERIENCE

- I have an experience of teaching from last 2.5 years (as a physics and mathematics tutor), 1 year experience of teaching in CA mathematics.

STRENGTHS

- Work with positive attitude to contribute the healthy function of the organization.
- Self- confidence & great patience.
- Inherent passion for learning new things.
- Adaptability to change environment.
- Discipline & flexible towards my work.

HOBBIES

- Travelling, play badminton, reading books.
- Interacting with other people, Group Dynamics.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

ARPITA GUPTA
(SIGNATURE)