

Umang Patel

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Objective

I have a zeal to rise at every point of my professional career by having a dint of hard work and dedication in any project or task handed over to me. I would like to hone my technical skills and increase my knowledge by joining a constantly progressive institution and in return, favour the institution's success.

Technical Papers and Projects

[Click here](#) for supporting information regarding Papers

- Researched and designed a method which was then presented as a Technical paper '[Study and Design of Target Tracking and AntiMissile Launching by Amplitude Comparison Monopulse Radar Tracking using Matlab](#)' in an **IEEE international conference ICCICT 2012** and is **published** in IEEEExplore. Print ISBN:- 978-1-4577-2077-2.
- A technical paper selected in an **international IEEE conference NuiCONE 2012** on 'Comparative study of Hexagonal and Circular large loop antenna' in which I compared the two very similar loop structures on the basis of their output parameters, going to be published in IEEEExplore. ISBN:- 978-1-4673-1719-1/12/\$31.00©2013IEEE.

Note : The publication status and information for both the IEEE papers mentioned above will be updated in the link for [supporting information](#).

- Worked on a Technical paper on Speech Compression using DFT method for Bandwidth optimization which got selected at an international conference [ICRTITCS 2012](#) and is **published** in the conference proceedings with ISBN--> 978-81-922978-2-8 and is under review for publication at an international journal [ijcaonline](#).
- Made a B.E. Project on 'Cryptography using Elliptic Curves' using Matlab at TCET. Made a technical paper on the same, has been recently selected at [MULTICON 2013](#).
- Technical paper on 'Study of Steganography: Different approaches' accepted in an international conference [ICFIT 2012](#).
- Technical paper presented at RJIT College (National level symposium) on 'Comparative study of Radar Tracking Techniques'.
- Project on 'Battery Level Controller' in I.C. The future, an Intra Collegiate mini-project exhibition held at TCET.
- Made a 'Lie Detector' Project for Vocational Subject of Electronics in H.S.C at T.p.bhatia Jr college.

Educational Qualifications

Month/year of passing	Degree/ Certificate	School/college	University	Percentage
July 2012	B.E.(EXTC) Aggregate upto Sem VI	Thakur College of Engineering and Technology	Mumbai University	66.83%
Feb 2009	H.S.C	T.P Bhatia Junior College of Science	Maharashtra Board	81.5%
March 2007	SSC	S.V.P.V.V.	Maharashtra Board	82.7%

Co Curricular activities[Click here](#) for supporting information regarding this Section

- **Event Head** For Circuitronics event in Zephr' 11(College Technical festival).
- Was part of an In-house Workshop in International Conference ICWET 2011 conducted by TCET.
- Gained experience in an Industrial Visit 2012 organized by IETE-TCET at Hero Cycles, Majestic Automobiles.
- Improved my Knowledge about Basic Networking, Robotics, Adobe photoshop by attending various Workshops conducted by IEEE, MITBOT(An IIT-D Alumni Initiative) and Teknopoint(Adobe Authorised Training center).

Extra Curricular activities[Click here](#) for supporting information regarding this Section

- Volunteered at Akanksha Foundation, an NGO(Teach for India initiative), for aiding to teach and assist at DN nagar Municipal School.
- Black Belt in Karate at Japan Karate association of India.
- Won 2 Gold Medals at State level karate competition held at Andheri Sports Complex.
- Completed a 4-year course in Sea Cadet Corps, INS Jawahar from January 2003 to October 2006.
- Organised and arranged the event 'Sojourn' 2012 at TCET(College Cultural Festival).
- Scored distinction in the final round in MAHA-IT online Computer Exam as a student of S.V.P.V.V conducted by the deputy director of education, Mumbai Division.
- Won many awards for elocution and debate competitions in school.

NOTE: If you want to **View ALL** Certificates and supporting information **at once** (**not** section-wise). [Click here.](#)