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 Thakurli (E)
 Thane-421201

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Nivedita Kishor Rane

OBJECTIVE	To work in a globally competitive environment on challenging assignments that shall yield the twin benefits of job satisfaction and steady-paced professional growth.																													
EDUCATION	<table border="1"> <thead> <tr> <th>Qualification</th> <th>Year of Passing</th> <th>School/College</th> <th>Board/University</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>ME EXTC</td> <td>Project submitted to university</td> <td>KIT , Kolhapur</td> <td>Shivaaji University</td> <td>Appeared</td> </tr> <tr> <td>BE EXTC</td> <td>May-2010</td> <td>SSPM CoE, Kankavli</td> <td>Mumbai University</td> <td>66.97</td> </tr> <tr> <td>HSC</td> <td>Feb-2006</td> <td>Jr. College Kanedi</td> <td>Kolhapur Board</td> <td>69.17</td> </tr> <tr> <td>SSC</td> <td>Mar-2004</td> <td>J.N.V. Sindhudurg</td> <td>CBSE Board</td> <td>80.60</td> </tr> </tbody> </table>					Qualification	Year of Passing	School/College	Board/University	%	ME EXTC	Project submitted to university	KIT , Kolhapur	Shivaaji University	Appeared	BE EXTC	May-2010	SSPM CoE, Kankavli	Mumbai University	66.97	HSC	Feb-2006	Jr. College Kanedi	Kolhapur Board	69.17	SSC	Mar-2004	J.N.V. Sindhudurg	CBSE Board	80.60
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COLLEGE LEVEL PROJECTS	<p>PC Based Wireless Stepper Motor Control (BE Final Year Project)</p> <p><input type="checkbox"/> Project Details</p> <p>Duration: Aug 2009 to Apr 2010</p> <p>Hardware Components: Encoder, Decoder, RF Transmitter, RF Receiver and Stepper Motors</p> <p>Project Description:</p> <p>PC Based Wireless Stepper Motor Control system is based on the principle of ASK modulation and demodulation. As per the input provided by user, application program will send the control word to parallel port of the PC. Out of the 8 bit data sent to PC upper nibble will be used to control 1st stepper motor and lower nibble will be used to control second stepper motor. This 8-bit parallel data will be encoded by encoded to convert it into serial data. RF transmitter will use ASK modulation technique and broadcast this data at particular frequency. At the receiver end, RF receiver will demodulate the data. This serial data is then converted into parallel data using decoder. Decoder will then pass this data to driver circuit. In turn, driver circuit will drive the stepper motors as per the data sent. Application program is written in VB which contains features of controlling direction (clockwise & anticlockwise) and angle of the rotation of the stepper motors.</p>																													

EXTRA CURRICULARS

- ❑ Participated in National Level Technical Paper Presentation in Mar 2009 held at Walchand Institute of Technology, Solapur
- ❑ Attended training program on "Antenna Design" at K. J. Sommaiya, Vidyavihar
- ❑ Attended training program on "Advance Signal Processing" at S.S.P.M. Coe, Sindhudurg
- ❑ Attended training program on "Innovation, Incubation and Startup Culture" at V.P.M.'s polytechnic, Thane.

PROFESSIONAL EXPERIENCES**1. Worked at Electrical Systems & Equipment Section (ESE) - Marine Business, LARSEN & TOUBRO LTD., Powai, as Project Design and Execution Engineer.**

Duration of Work	Company	Address
28 th October 2010 to 30 th June 2011	Electrical Systems & Equipment Section (ESE)- Marine Business LARSEN & TOUBRO LTD.	Gate No.7, Main Building, 1st Floor, Stage-3, Powai Works, Saki Vihar Road Mumbai-400 072.

❑ **Project Handle:****1. Degaussing System:**

- Testing and execution of Degaussing system for Indian Naval Ship.
- Schematic drawings of Degaussing system on AutoCAD.
- Making Technical Manuals of Degaussing system.
- Conducting FATs.

2. DC Soft Starter

- Design and execution of DC Soft Starters for DC motors of both Russian and German class submarines of Indian Navy.
- Schematic drawings of DC Soft Starter on AutoCAD.
- Making Technical Manuals of DC Soft Starters.

2. Worked at Sindhudurg Shikshan Prasarak Mandal's College of Engineering (SSPM's COE) - Electronics and Telecommunication department, as Lecturer.

Duration of Work	College	Address
1 st July 2011 to 30 th April 2015	Shikshan Prasarak Mandal's College of Engineering (SSPM's COE)	A/P-Harkul-Budruk, Tal-Kankavli, Dist-Sindhudurg

❑ **Subject thought:**

1. Electronics Instrumentation
2. Television and video Engineering
3. Software Simulation Workshop
4. Control System
5. Digital Electronics

3. Worked at Government Polytechnic Malvan - Electronics and Telecommunication department, as Visiting Lecturer.

Duration of Work	College	Address
19 th December 2015 to 31 st March 2016	Government Polytechnic Malvan(GPM)	A/P-Kumbharmath, Tal-Malvan, Dist-Sindhudurg

❑ **Subject thought:**

1. Mobile Communication

	<p>2. Environmental Studies</p> <p>4. Worked at Metropolitan Institute of Technology and Management (MITM) – Electronics and Telecommunication department, as Lecturer.</p> <table border="1"> <thead> <tr> <th>Duration of Work</th> <th>College</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>1st June 2016 to 3rd June 2018</td> <td>Metropolitan Institute of Technology and Management (MITM)</td> <td>At-Sukalwad, Post-Oras Tal-Malvan, Dist-Sindhudurg</td> </tr> </tbody> </table> <p><input type="checkbox"/> Subject thought:</p> <ol style="list-style-type: none"> 1. Television and video Engineering 2. Control System 3. Digital Electronics 4. Satellite Communication 5. Signal and system 6. Basic Electronics 7. Integrated Circuits <p>5. Worked at VPM’s Polytechnic, Thane – Instrumentation department, as Lecturer.</p> <table border="1"> <thead> <tr> <th>Duration of Work</th> <th>College</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>-1st Dec 2019 to 30th April 2020</td> <td rowspan="2">VPM’s Polytechnic, Thane</td> <td rowspan="2">Vidya Prasarak Mandal’s Polytechnic, Thana College Campus, Thane (W) - 400601</td> </tr> <tr> <td>-15 Mar 2022 to till date</td> </tr> </tbody> </table> <p><input type="checkbox"/> Subject thought:</p> <ol style="list-style-type: none"> 1. Linear Integrated Circuits 2. Instrumentation Workshop 3. Digital Techniques 4. Instrumentation Data Communications 	Duration of Work	College	Address	1 st June 2016 to 3 rd June 2018	Metropolitan Institute of Technology and Management (MITM)	At-Sukalwad, Post-Oras Tal-Malvan, Dist-Sindhudurg	Duration of Work	College	Address	-1 st Dec 2019 to 30 th April 2020	VPM’s Polytechnic, Thane	Vidya Prasarak Mandal’s Polytechnic, Thana College Campus, Thane (W) - 400601	-15 Mar 2022 to till date
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PERSONAL DETAILS	<p><input type="checkbox"/> Date of Birth : 09th June 1988.</p> <p><input type="checkbox"/> Nationality : Indian.</p> <p><input type="checkbox"/> Marital Status : Married.</p> <p><input type="checkbox"/> Gender : Female.</p> <p><input type="checkbox"/> Languages Known : English, Marathi and Hindi.</p> <p><input type="checkbox"/> Hobbies : Reading, Playing Chess.</p>													
DECLARATION	I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.													

DATE: / /

PLACE:

(NIVEDITA KISHOR RANE)