

# S J P N Trust's Hirasugar Institute of Technology, Nidasoshi.

## FACULTY PROFILE

1. Name in full : Prof. B R Umarane
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Tal:Chikodi Dist:Belagavi



### 6. Educational qualifications:

Sl. No	Degree	University/Institution	Year	Specialization
1	Ph.D	----	--	--
2	M.E	RGPV Bhopal(M.P)	2006	Digital Techniques & Instrumentation.
3	B.E.	KLE College of Engg. & Tech. , Belagavi	1997	Electrical and Electronics Engineering

### 7. Details of previous employment:

Sl.	No Name of the Institution/Organization	Period (Years)	Designation	From	To
1	HIT,Nidasoshi	02	Lecturer	23/09/1997	08/10/1999
2	C B Kore Polytechnic, Chikodi	03	Lecturer	18/07/2000	17/09/2003
3	HIT Nidasoshi	09	Asst. Prof & HOD(E&E Engg)	18.09.2003	16/08/2012
4	KLECET,Chikodi	3.5	Associate Prof. & HOD(E&C Engg)	16/08/2012	27/11/2015
5	HIT,Nidasoshi	1.0	Asst. Prof. & HOD(E&E Engg)	01/01/2016	31/12/2016
6	HIT,Nidasoshi	0.75	Associate Prof.& HOD(E&E Engg)	01/01/2017	20/11/2017
7	HIT,Nidasoshi	-	Associate Prof.	01/01/2017	Till date
Total Experience in years 21.5 years					

8. Date of Service in this Institution: 01/01/2016

9. Total Experience in years: 21.5 years

10. Subjects of Interest:

- Electrical Engineering materials
- Network analysis
- Electrical Machines
- Logic Design

- *Basic Electrical Engg.*
- *C-Programming.*
- *Field Theory*
- *Control System*
- *Microprocessors & Microcontrollers*
- *Digital system Design*
- *Electromagnetic Field Theory.*

**11. Publications in National and International Journals & Conferences:**

*National/International Journals:*

- Published paper entitled VHDL Implementation of Interval Arithmetic Algorithms For Single Precision Floating point Numbers in the International Journal of Scientific and Engineering Research (IJSER)
- Published paper entitled “Design & Implementation of street lighting in Technical campus for optimum energy saving, case study” in the international Journal of Technology & Science (IJTS)

*National/International Conferences:*

- Presented paper on modified Z-Source inverter for photovoltaic power generation system at BAIT, Coimbatore.
- Presented paper entitled “Design & Implementation of street lighting in Technical campus for optimum energy saving, case study” in the International conference on Recent Innovations In Engineering (iCRiE-16) held at HIT, Nidasoshi.

**12. Technical Papers presented: Nil**

**13. Workshop / Seminars Conducted: Nil**

**14. Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:**

S.N.	Topic	Period	Date	Venue
1.	<i>Embedded Systems &amp; Applications</i>	<i>6 days</i>	<i>22<sup>nd</sup> – 27<sup>th</sup> March-2004</i>	<i>BEC, Bagalkot</i>
2.	<i>Embedded systems &amp; Energy management</i>	<i>2 days</i>	<i>25<sup>th</sup> -26<sup>th</sup> March-2006</i>	<i>KLECET, Belagavi</i>
3.	<i>Advanced microcontroller</i>	<i>3 days</i>	<i>15<sup>th</sup> -17<sup>th</sup> Feb 2007</i>	<i>HIT, Nidasoshi</i>
4.	<i>Embedded computing Systems</i>	<i>3 days</i>	<i>27<sup>th</sup> - 29<sup>th</sup> July-2009</i>	<i>AIT, Bangalore</i>
5.	<i>Application of mathematics in Engineering</i>	<i>2 days</i>	<i>30<sup>th</sup> -31<sup>st</sup> Aug.-2010</i>	<i>HIT, Nidasoshi</i>
6.	<i>Modeling simulation &amp; fabrication of MEMS devices</i>	<i>3 days</i>	<i>10<sup>th</sup>-12<sup>th</sup> March 2011</i>	<i>BVCET ,Hubli</i>
7.	<i>Getting started with Mat Lab &amp; Simulink</i>	<i>3 days</i>	<i>12<sup>th</sup> – 14<sup>th</sup> July-2012</i>	<i>MIT Manipal</i>
8.	<i>Akash for education</i>	<i>2 days</i>	<i>10<sup>th</sup> – 11<sup>th</sup> Nov. 2012</i>	<i>KLECET,Chikodi</i>
9.	<i>Signals &amp; Systems</i>	<i>10 days</i>	<i>2<sup>nd</sup> -12<sup>th</sup> Jan. 2014</i>	<i>KLECET Chikodi</i>
10.	<i>ANALOG Electronics</i>	<i>10 days</i>	<i>4<sup>th</sup> - 14<sup>th</sup> June2014</i>	<i>KLECET,Chikodi</i>
11.	<i>Embedded System</i>	<i>1 day</i>	<i>15<sup>th</sup> Nov.2015</i>	<i>BVCET, Hubli</i>

12.	<i>Research meet</i>	<i>01 day</i>	<i>5<sup>th</sup> Dec. 2015</i>	<i>BEC, Bagalkot</i>
13.	<i>Integration of green Energy to smart grid-Opportunities &amp; challenges</i>	<i>6 days</i>	<i>11<sup>th</sup> -16<sup>th</sup> July-2016</i>	<i>BNMIT, Bangaluru</i>
14.	<i>Issus &amp; Challenges in Solar &amp; Wind Power Generation &amp; Utilization</i>	<i>4 days</i>	<i>4<sup>th</sup> – 7<sup>th</sup> January 2017</i>	<i>SIT, Tumakuru</i>
15.	<i>NBA-SAR Filling &amp; Presentation for Assessment.</i>	<i>03 days</i>	<i>15<sup>th</sup> – 17<sup>th</sup> September 2017</i>	<i>Engineering staff College of India. Hyderabad.</i>
16.	<i>Recent Techniques for Energy Management in Smart Grid</i>	<i>06 Days</i>	<i>29<sup>th</sup> Jan – 3<sup>rd</sup> February 2018</i>	<i>Visvesvaraya National Institute Of Technology, Nagpur.</i>

*15. Details of Memberships in Professional Societies:*

- *Life Member of Indian Society of Technical Education (MISTE)*
- *Life Member of Indian Institute of Engineers(MIE)*

Signature of the Faculty /Staff

Signature of the HOD

