

Self Assessment Report (SAR)

- Name (in Full): P. A.Prabhakara
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- Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained
SSC	S.G.N.R Govt.High School,Tanakallu	Board of Secondary Education	1997	55.32
Intermediate/Diploma	A.P.S.W.R Govt.Jr.College Kalasamudram, Kadiri	Board of Intermediate Education	2002	64.70
B. Tech/B.E.	Madanapalli Institute of Technology &Science, Madanapalli	Jawaharlal Nehru Technological University Ananthapuramu	2005	53.22
M.Tech / M.E	Siddhartha Institute of Engineering and Technology, Puttur	Jawaharlal Nehru Technological University Ananthapuramu	2014	81.12

- Work Experience:

S. No.	Name of the Organization	Position held	Years of Experience	Nature of work done
1	Loyola Polytechnic (YSRR), Pulivendula	Sr. Lecturer	6	Teaching
2	SKD Engineering college, Gooty.	Assistant. Professor	2	Teaching
3	SSSS Engineering college, Anantapuramu	Assistant. Professor	2	Teaching

4.	JNTUA CEA, Ananthapuramu	Assistant. Professor (Ad hoc)	4	Teaching
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- List of Publications (IJ, IC, NJ, NC) (for the years:15-19):

International Journals: 03

- i) Grid connected applications of modular cascaded H-bridge Multilevel PV Inverter with Distributed MPPT published in IRJET Journal Vol.4 Issue 11 Nov.2017.
- ii) Hybrid power supply Using Improved H6 based MITCB DC –DC Converter for House Hold Applications (IRJET).
- iii) Control and Implementation of a Standalone DG-SPV-BES Micro Grid System Using DSTATCOM (IRJET).

- Conferences/Workshops/Training Programs/FDPs attended (for the year: 15-21): 09**

- One day Work shop on “**AWARENESS ON CAREER GROWTH PROSPECTS FOR RELIABILITY WITH INDUSTRIAL COLLABORATIONS**” held at JNTUACEA, Anantapuramu on 21st June, 2019.
- Three Day National Workshop on “**Electro Ceramics: Synthesis Characterization and Device Applications**” organized by UCET Bikaner and JNTUACEA from Sep 11-13 2019.
- Two days work shop on “**PEDAGOGICAL SKILLS FOR OUTCOME BASED EDUCATION**” held at JNTUACEA, Anantapuramu on Nov 16-17-2018.
- One day workshop on “**Awareness on IEEE/IET Electronic Digital Library Sources**” held on 30.11.2018 at Dept. of EEE, JNTUA College of Engineering.
- One day workshop on “**Benefits of Engaging with International Organizations (IEEE)**” held on 04.08.2018 at Dept. of EEE,JNTUA College of Engineering.
- One day workshop on “**21st Century Teaching Strategies**” held on 16.09.2017 at Dept. of EEE,JNTUA College of Engineering, Ananthapuramu.
- One day workshop on “**Solar Power Technologies**” held on 20.04.2016 at Dept. of EEE, JNTUA College of Engineering.
- One day workshop on “**Wind Energy Conversion Systems**” held on 13.04.2016 at Dept. of EEE, JNTUA College of Engineering.
- One day workshop on “**Awareness on Power Systems Simulation Analysis using Mi Power Software**” held on 22.09.2015 at Dept. of EEE, JNTUA College of Engineering.

- One Week Online National Level FDP on “**Computational Intelligence & Its Applications (CI&A-2021)**” held during 16th - 21st, August 2021 organized by Department of EEE, KSRRM College of Engineering (Autonomous), Kadapa, Andhra Pradesh.
- One Week National Level Online Faculty Development Program on “**RECENT TRENDS IN ELECTRICAL ENGINEERING**” organized by Department of Electrical and Electronics Engineering of Geethanjali Institute of Science and Technology, Nellore, from 16-08-2021 to 23-08-2021.
- Subjects (Courses taken/Labs/Projects Guided) for B. Tech and M. Tech:

--	I Semester*	II Semester*
2018-19	B.Tech.- <ul style="list-style-type: none"> • Power Electronics • Electrical and Electronics Measurements Lab M.Tech. – <ul style="list-style-type: none"> • Solid State DC Drives • Reliability Tools Lab 	B.Tech.- <ul style="list-style-type: none"> • Power Semiconductors Controlled Drives • Power Electronics & Simulation Lab M.Tech. – <ul style="list-style-type: none"> • Switched Mode Power Converters. • Reliability Testing Lab

*Enclose Blue books, Lecture Schedules and Mid Question papers

--	I Semester*	II Semester*
2019-20	M.Tech. – <ul style="list-style-type: none"> • Power Quality Issues and improvement • Information Security 	B.Tech.- <ul style="list-style-type: none"> • Basics of Electrical & Electronics Engineering • Power Electronics & Simulation Lab M.Tech. – <ul style="list-style-type: none"> • Switched Mode Power Converters. • Power Electronics & drives Lab

*Enclose Blue books, Lecture Schedules and Mid Question papers

--	I Semester*	II Semester*
2020-21	B.Tech.- <ul style="list-style-type: none"> • Solar Energy Conversion Systems M.Tech. – <ul style="list-style-type: none"> • Machine Modeling Analysis • Power Electronics & Simulation Lab 	M.Tech. – <ul style="list-style-type: none"> • Switched Mode Power Converters. • Reliable & Fault Tolerance Systems • Power Electronics & drives Lab

*Enclose Blue books, Lecture Schedules and Mid Question papers

--	I Semester*	II Semester*
2021-22	B.Tech.- <ul style="list-style-type: none"> • Solar Energy Conversion Systems • DC Machines & Transformers lab 	

*Enclose Blue books, Lecture Schedules and Mid Question papers

- Academic Projects Guided/Guiding: 07

Administrative works supported:

Academic Year	Work Supported
2017-18	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
2018-19	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Working as a supporting staff for NBA Work. Working as a supporting staff for TEQIP-III Work
2019-20	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
2020-21	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Working as a supporting staff for NBA Work.
2021-22	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Working as a supporting staff for NBA Work.

Signature of the Candidate

Signature of HEED