

AJAYSINGH TULJARAM CHANDAN

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EDUCATIONAL CREDENTIALS:

Examination	University / Board / College	Year of Passing	CGPA / Percentage
M. E. (Electrical Power Systems)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2013-2015	First Class
B. E. (Electrical Engg.)	K. D.K. College of Engg. Rashtrasant Tukdoji Maharaj University, Nagpur	2006-2010	First Class
HSC	Maharashtra State Board	2005	First Class
SSC	Maharashtra State Board	2002	First Class with Distinction

EXPERIENCE:

Teaching				
Dec' 11 – till date	Worked as Lecturer from 2011-2015 and Working as an Assistant Professor From 2015 to till date			
	Electrical Engineering. Department, S.G.G.S.I.E.&T., Nanded An Autonomous Institute of Government of Maharashtra Affiliated to Swami Ramanand Tirth Marathwada University, Nanded			
	Semester/Subjects teaching:	I & II Sem	Basics of Electrical Engineering	Theory & Practical
		III Sem	Electrical Machines-I	Theory & Practical
		IV Sem	Electrical Machines-II	Theory & Practical
		VII Sem	Electrical Machine Design	Theory & Practical
		VI & VIII Sem	Project (In House)	
Work / Portfolios Handled	Second year Class Coordinator From 2012 to till date			
Lab In-charges	Electrical Machines Lab, Electrical Engineering Department			

		Conducting Practical's on AC and DC machines from Academic year 2014 till date.
	Laboratory Work Commissioned	Worked for Purchase, testing, erection and commissioning of Electrical Machines Laboratory for the Department of Electrical Engineering.
	Industrial Visits	Organized Industrial Visit to Transdelta Transformers, Aurangabad for S.Y Electrical Students academic year 2015-16.
		Organized Industrial Visit to HVDC substation Padhge and SLDC Kalwa, Mumbai for B. Tech Students academic year 2014-15.

Industrial

Oct '10 – Oct '11	Worked as Graduate Apprentice (Electrical Maintenance & Utility) WIPRO Lightning Ltd, Waluj Aurangabad
	<ul style="list-style-type: none"> ➤ Detecting all faults & making correction of different phases of induction motor regarding control & power circuit of DOL & STAR-DELTA STARTER. ➤ Maintaining preventive maintenance records of control panels of machines on production line, detecting LPG line leakage & compressor making suitable correction on weekly basis. ➤ Handling all Utility plant operation , weekly maintenance and updation of : <ul style="list-style-type: none"> ○ PSA tower oxygen generation ○ Compressor ○ LPG line supply to production chain ○ DG starting and synchronizing with load in case of power shut down. ○ Fire extinguisher used in emergency and maintaining their status periodically updated. ➤ Collecting and correlating data access information from IMS Online regions, IMS batch jobs, IMS archived log data sets, and SMF records to produce a comprehensive view of business activity for auditors.

Administrative Work:

1	S.Y Electrical Engineering Class Co-ordinator from 2012 till date
2	Department Time Table Coordinator for A.Y 2016-17 and 2018-19.
3	Project Guidance to T.Y and B. Tech Students every academic year
4	Coordination of F.Y B. Tech online admission Process for year 2014-15.
5	Faculty Coordinator Prize Distribution Committee of "UTSAV 2015" an Annual Intercollege Cultural Festival of SGGSI&T, Nanded 13 th – 15 th March 2015.
6	Course Coordinator Five Days TEQIP-II Sponsored Workshop on "Basic Electrical Wiring"

	organized by Department of Electrical Engineering from 12 th to 16 th January 2015.
7	Supporting Faculty for M.B.A admission work for 2013-14
8	ARC officer at ARC 2020 SGGGS for Direct Year Second Year admission 2013-14

PAPER PUBLICATION:

1.	S.P. Nangrani, Arvind R. Singh and Ajaysingh Chandan , “Chaos Driven Instability Control Using Interval Type-2 Fuzzy Logic Controller For Better Performance” Journal of Intelligent & Fuzzy Systems 34 (2018) 1491–1501 DOI:10.3233/JIFS-169444 IOS Press
2.	Ajaysingh T. Chandan and K. Venkata Rama Mohan , “Comparative Scheme of Distance Protection for Shunt Compensated Transmission Line” International Journal of Advances in Electrical and Electronics Engineering EISSN: 2319-1112, 8 th Nov 2015
3.	Ajaysingh T. Chandan , K.V.Rama Mohan ,S.Kompelli, Singh A.R , “Advance Distance Protection of Transmission Line In Presence of Shunt Compensator.” International Research Journal of Engineering and Technology, Vol. 2, Issue 3, June 2015.
4.	Gorakshnath Abande , Ajaysingh Chandan , “Distance Protected Double Circuit Transmission Line in Presence of Shunt FACTS Devices” International Conference on Advanced Computing & Communication Technologies , ICACCT, 15 th Nov 2014.

PROJECTS AND SEMINAR:

M. E.	Advance Distance Protection of Shunt Compensated Transmission Line
	It includes the study of impact of Shunt FACTS device on distance protection of transmission line and remedies to improve regulation.
B. E.	Design and Simulation of High Voltage Distribution System for Distribution Network
	Concept was to replace one unit of 3 phase distribution transformer with three single phase transformers to have better reliability of power supply to the consumer end.

WORKSHOP/STTP/FDP ATTENDED:

Sr. No.	Name of the Event	Duration	Academic Year
1	Five days TEQIP-III Sponsored workshop on “Smart Techniques in Power Systems” at VNIT, Nagpur	15 th march to 19 th march 2019	2018-19

2	12 week online FDP “Design of Photovoltaic Systems” conducted NPTEL-AICTE by IISC Professor L. Umanand	July – October 2018	2018-19
3	Five days GIAN sponsored workshop on “ Multiphase Drive & Generation Systems for Advanced Industrial Application” at VNIT Nagpur	12 th Feb to 16 th Feb 2018	2017-18
4	Five days TEQIP-II Sponsored workshop on “ New Trends in Industrial Waste Disposal & Management” at SGGSIE&T, Nanded	17 th Dec to 21 st Dec 2015	2015-16
5	Two days’ Workshop on “ Smart Grid and Renewable Energy” at Central Power Research Institute, Bengaluru	26 th -27 th November 2015	2015-16
6	Two days’ Workshop on “ Smart Micro-Grids for Autonomous Zero-Net Energy Buildings” at IIT Mandi	14 th -15 th December 2014	2014-15
7	One day TEQIP Sponsored workshop on “Best Practices in Curriculum Development of Electrical Engineering” at VJTI , Mumbai	25 th August 2014	2014-15
8	Three day STTP on “ Design, Analysis & Operation of Power Systems by ETAP software” at MSS’sCET Jalna	9 th – 11 th January 2014	2013-14
9	Two days TEQIP-II Sponsored workshop on “ Young Teachers Orientation Programme” at SGGSIE&T, Nanded	14 th -15 th July 2014	2013-14
10	Two days TEQIP-II Sponsored workshop on “ Young Teachers Orientation Programme” at SGGSIE&T, Nanded	20-21 st July 2013	2013-14

Consultant Projects:

1.	Worked as a Consultant in Project “Study to examine Agricultural Consumption in Maharashtra” commissioned by Maharashtra State Electricity Distribution Company Limited to Centre for Technology Alternatives in Rural Areas, IIT Powai, Mumbai from March to April 2016.
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EXTRA CURRICULAR ACTIVITIES:

1.	Project Group Shortlisted in DIPEX 2019 , presented successfully in the event from 2 nd – 5 th March 2019.
2.	Two Weeks’ Vacation Training at Koradi Training Centre, Koradi Thermal Power Plant from 25 th May 2009 to June 2009.

SKILL SET:

- **Software skills:**
MATLAB , MIPOWER, ETAP, MS-OFFICE
- **Interpersonal skills:**
Adaptability, Team Player, Patience, Self-Motivated.
- **Hobbies:**
Playing Outdoor Sports, Travelling, Analysis of Human behaviour and Psychology.

PERSONAL DETAILS:

- Date of Birth : 12th August 1986
- Languages Known : English, Hindi and Marathi
- Permanent Address : Balaram Tuljaram Nivas, M. G Road Purna – 431511, Dist- Parbhani

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place:

Ajaysingh T. Chandan