

H No.39, Adarsh Colony, Bhadson Road, Patiala
Phone- 9888483123
E-mail: manvir.kaur@gmail.com,manvir_kaur@thapar.edu

MANVIR KAUR

OBJECTIVE

To utilize myself as a resource for all kind of Challenging jobs and upgrade my knowledge and above all, work towards the growth of oneself as well as the organization by giving it my best.

SCHOLASTIC ATTAINMENTS

PROFESSIONAL QUALIFICATION

DEGREE	UNIVERSITY/ COLLEGE	YEAR	MARKS
Ph.D(Pursuing)	Thapar University Patiaa	Pursuing 2012	CGPA 8.0
M.Tech (INSTRUMENTATION AND CONTROL ENGG.)	Punjab Technical University/ SLIET Longowal	2006-08	72.7 % (Silver Medal)
B.Tech (ELECTRICAL ENGG.)	Kurukshetra University Kurukshetra/JIET, Jind	2001-05	66.3%

EDUCATIONAL QUALIFICATION

- Senior secondary from Govt.Rajindra College, Bathinda (P.S.E.B) and secured 60% marks.
- Matriculation from Bhartiya Model School, Rampura Phul (P.S.E.B) and Secured 82.15% marks.

OTHER EXAMS

- Qualified GATE exam in 2007
All India rank 627/16808

TEACHING EXPERIENCE

- Worked as Assistant Professor in Electrical Engineering at Dr. B.R. Ambedkar NIT Jalandhar from January 2014 to June 5, 2015.
- Worked as lecturer in Thapar university, Patiala in EIED department from AUGUST 2008 to June 2013.
- Experience of working as lecturer for one semester at GGSCMT college kharar in Electrical Engineering department.

PERSONAL ACHIEVEMENTS

CONFERENCES AND WORKSHOPS ATTENDED

- National conference NCCN-2008 held at SLIET Longowal.
- National conference on Smart Energy (Jan.15th-16th, 2010) organized by Chitkara Institute of Engineering and Technology, Rajpura, Patiala.
- Attended workshop on “Energy Management and best Practices” held on 16 January 2010 at Chitkara Institute of Engineering and Technology, Rajpura, Patiala.

SHORT TERM COURSES ATTENDED

- Modeling and Simulation using MATLAB, 1 week, May 2011, NITTTR Chandigarh.
- Recent Advances in Energy Technology, 1 week, June 2-6, 2014, Dr. B.R. Ambedkar NIT Jalandhar.
- Recent Trends in Instrumentation and Control Engineering, 1 week, December 8-12, 2014, Dr. B.R. Ambedkar NIT Jalandhar.

JOURNAL PUBLICATIONS

SCI

- Manvir Kaur, Smarajit Ghosh,” Effective Loss Minimization and Allocation of Unbalanced Distribution Network”, Energies,MDPI November 2017.
- Manvir Kaur, Smarajit Ghosh,” Network Reconfiguration of Unbalanced Distribution Networks using Fuzzy-Firefly Algorithm”, Applied Soft computing(49),Elsevier,September 2016,868-886.

OTHERS

- Deepak Makkar, Manvir Kaur, “Analysis of UPFC impact on transmission line performance” Published in IJSER Volume4, Issue 7,July 2013 Edition(ISSN)2229-5518).

CONFERENCE PUBLICATIONS

- Manvir Kaur,“Deregulated Energy market and Congestion management: A Review”, (International conference Proceedings) DEEM-2011, July 22-23, Chitkara University, 2011.
- Manvir Kaur, M.S.Manna. “Applications of finite element method in electrical machines” (National conference Proceedings) NCCN-08(23-24 march 2008), organized at SLIET, LONGOWAL.
- Manvir Kaur,Sahil Gupta.” Role of HVDC and Facts in Future Power System” (National conference Proceedings) Smart Energy (Jan.15th-16th, 2010) organized by Chitkara Institute of Engineering and Technology, Rajpura, Patiala.
- Manvir Kaur, S.Marwaha, M.S.Manna” Techniques and criteria of Mesh generation: In electromagnetic field problems (National conference Proceedings) RACTEE-2010(19-20 march 2010), organized at SLIET, LONGOWAL.Sumit Verma

- Manvir Kaur” Analysis of single sided linear induction motor using FEM” (National conference Proceedings) RTEEE-2010(May 2010), organized at HRCMT, Kaithal.

**RESEARCH
GUIDANCE
(M.E.)**

1. Kulwinder Singh Gill, “Analysis of voltage stability in two machine system with SVC using MATLAB simulation”, 2012.
2. Harpreet Singh, “Analysis of restructured power system (A case study of Punjab state)”, 2012.
3. Amrinder Singh, “Analysis of voltage stability improvement in two machine 3-bus model with STATCOM using MATLAB Simulation”, 2012.
4. Tejinder Singh Sandhu, “Optimization of fuel mix of waste to energy plant using Genetic Algorithm”, 2012.
5. Deepak Makkar,”Analysis of UPFC impact on transmission line performance”, 2013.
6. Sandeep Garg,”Energy Auditing of three phase Induction Motor”, 2013.

**EXTRA
CURRICULAR
ACTIVITIES**

- Participation in various cultural activities at school and college level.
- Participated as teacher student team in Thapar University annual sports meet.

STRENGTHS

- Look forward to handle responsibilities.
- Learn and grasp easily.
- Calms under crisis conditions.
- Eager to learn new things.
- Team player

PERSONAL PROFILE

Date of Birth : October 16, 1983
 Father’s Name : S.Labh Singh Romana
 Father’s Occupation : Teaching
 Mother’s Name : Mrs. Amarjit Kaur
 Mother’s Occupation : Teaching
 Nationality : Indian
 Marital Status : Married
 Languages Known : English, Hindi, Punjabi

REFERENCES

- Dr. Sheela Tiwari, Associate Professor (Instrumentation and Control Engineering department), NIT, Jalandhar. Email: tiwaris@nitj.ac.in.
- Dr.Smarajit Ghosh, Professor (EIE department), Thapar University, Patiala. Email: sghosh@thapar.edu.
- Dr.Sanjay Marwaha, Professor (EIE department), SLIET, Longowal. Email: marwaha_sanjay@yahoo.co.in.
- Dr M.S. Manna, Associate Professor (EIE department), SLIET, Longowal. Director AICTE, New Delhi. Email:mannasliet@gmail.com,msmanna@ieee.org; director.aicte@gmail.com

PLACE: Patiala

(Manvir kaur)

Self Appraisal

After completing my M.Tech, I joined as lecturer in EIED at Thapar University Patiala in August 2008 and worked there for five years. Apart from teaching B.Tech and M.Tech courses; I was assigned different responsibilities which I tried to fulfill to the best of my capabilities. I was the member of curriculum revision committee, worked for NAAC and NBA accreditation work of department. I was active participant of University annual sports meet. During my job, I guided six M.E. dissertations in year 2011-13.

In August 2012, I joined Ph.D. from Thapar University Patiala. I worked on my research proposal and submitted it in December 2012. Working at Thapar University was a very good experience for me, from where I grasped a keen knowledge about academics.

In January 2014, I joined as Assistant Professor at Dr. B.R. Ambedkar NIT Jalandhar in Electrical Engineering Department. I am proud to mention over here that I joined the department at the time when it was just beginning its journey. So in my own small way, I was the witness as well as participant of the development. After June 2015, to concentrate on my Ph.D. work, I took a break from teaching. As my research work is at completion stage with two SCI publications and I am writing my Ph.D thesis, I would like to join teaching again and hope you will consider my candidature for your prestigious university.

I have been a sincere teacher and I enjoy every good standing with students as well as with my colleagues.

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