

PROFILE OF PRINCIPAL



Name: - Dr. Rajat Kumar Panigrahi

Date of Birth: - 28.06.1967

Unique ID (AICTE ID): -

Educational Qualifications: - Masters in Engineering, Doctorate in Information & Communication Technology

Email Id: - muna2867@gmail.com

Work Experience: – 33 years

Education:-

- Bachelors in Engineering, *University College of Engineering, Burla*
- Masters in Engineering, *Regional Engineering College, Rourkela*
- Doctorate in Information & Communication Technology, *Fakirmohan University, Balasore, Odisha*

Experience:- 33 years

Responsibilities:-

- Head of the Institution having more than 150 staffs and 3200 trainees, handling all the establishments and financial matters.
- Admission of trainees in Short term and Long term courses, expansion of seating capacity, to impart high quality training, conducting examinations, apprenticeship seat location, deputation of trainees, networking with industries for on the job training.
- Working with industries for placement, dual training system, tracer study of the previous trainees, implementation of distance learning program for the instructors, smart classroom, digital library, biometric attendance system.
- Closely working with DTE&T, SCEVT and NCVT and district employment office.
- Working with district administration for establishment of new ITIs and Skill development centers.

Responsibilities:-

Taking theory and practical classes

Detailed Achievements:-

Worked in a project called IMPACT, sponsored by Ministry of IT, GOI, and developed teaching modules in theory and practical classes in collaboration with Industrial Development and Design center, IIT Delhi and NTTF, Bangalore.

1990–1991 Graduate Engineer Trainee, *JK Synthetics*, Dhenkanal.

Published in Indian Patent Journal:-

- SMART SWAB COLLECTION KISOK innovative products developed to fight against the novel Corona virus published in the Patent Office Journal No. 33/2020 Dated 14/08/2020
- UVC ROBO WARRIOR innovative products developed to fight against the novel Corona virus published in the Patent Office Journal No. 33/2020 dated 14/08/2020
- UVC SOLE SANITIZER innovative products developed to fight against the novel Corona virus published in the Patent Office Journal No. 28/2020 dated 10/07/2020
- SMART COVID SECURITY SYSTEM innovative products developed to fight against the novel Corona virus published in the Patent Office Journal No. 28/2020 dated 04/12/2020

Short Term Training :-

- 2018 Leadership Development workshop under the ITE Education Services Technical and Vocational Education and Training Programme held in Singapore, 26th Feb to 9 March 2018
- 2017 Semiconductor Manufacturing Skill Development Immersion Program at Infineon Malacca, Malesia, 21st to 24th August 2017
- 2016 IIT, Patna, Recent Advances in Power Electronics for Smart Grid and Electrical Drives
- 2015 UNESCO & Ministry of Education, Malaysia, Asia Pacific Conference on Education and Training
- 2010 Apex Hi-Tech Institute DGE&T, Bangalore, Soft Skill Development for Technical Teachers, 7th Apr to 9th Apr 2010
- 2009 XIMB, Bhubaneswar, Linkage with industries for campus placement 2010 IIM, Ahmedabad, Management Development Program for ITI Principals, 27th to 29th April 2009
- 2008 NIFM, Faridabad, Procurement and Financial Management procedures for World Bank Assisted VTI Project, 17th to 21st November, 2008
- 2000 NTTF, Bangalore, PLC controllers and Micro-controllers, 5th Jun to 16th June, 2000
- 1995 NTTF, Bangalore, Power Electronics
- 1994 IIT, Delhi, Analog Electronics, 15th March to 6th May, 1994
- 1993 NTTF, Bangalore, Maintenance of Electronic Equipment, 1st Mar to 23rd Apr 1993
- 1992 IIT, Delhi, Electronic Components and Materials, 25th May to 18^h July, 1992

International Conference :-

- 2019 Distinguished Speaker Invitation for 50th OSA Convention on “Role of MSME & Skill Development” for Job Growth at Harrah’s Atlantic City, New Jersey, USA from 4th -7th July 2019.
- 2019 9th International Conference on Sustainable Waste Management towards Circular Economy, 2019 on “Waste Management as towards Circular Economy” at KIIT, Bhubaneswar, Nov 27-30, 2019
- 2016 Govt. of Punjab has invited for sharing the success story of ITI Berhampur 2th- 21st Sept. 2016
- 2015 Letter of Invitation is issued by Life Academy, Sweden for Wind Power Development and use to be held in Karlstad, Sweden
- 2015 Skill gap minimization by Teaching hospital approach on ITI, Education system for Emerging Trends in TVET vision from 18-20 February, 2015 at Bhopal, M.P. India
- 2012 Singapore corporation program on Technical and Vocational Education and Training Programme 18th to 22nd June 2012 for Principals and Instructors Singapore.
- 2011 Singapore corporation program on Climate Change and Energy Sustainability on 15 to 24 Nov. 2011, Singapore Environment Institute, Singapore.
- 2011 Rajat Kumar Panigrahy, R.K.Mishra, S.patnaik, N.G.P.C Mahallik, “ANN Model for Slabs in Reheating Furnace”, Proceeding of International Conference Process Automation, Control and Computing (PACC), 2011*.
- 2011 Rajat Kumar Panigrahy, N.G.P.C. Mahallick, “Automation of Hot Strip Mill by Manufacturing Execution System, Case Study”, Proceeding of International Conference Process Automation , Control and Computing (PACC),2011*

- 2011 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, N.G.P.C Mahallik, “Automation of Supply Chain Management in Rourkela Steel Plant”, Proceeding of International Conference on Electronic & Computing Technology , ICECCT, 12th -13th September, 2011*.
- 2011 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Automation to Reduce Complexity in Supply Chain Management in Steel Industries”. Proceeding of International Conference on Complexity in Leadership and Management , ICCLM, 5th – 6th march , 2011.pp.41-46.
- 2011 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Automation of Energy Management System in Rourkela Steel Plant”, A Case Study”, Proceeding of International Conference on Thermal Energy and Environment , INCOTEE, 24th – 26th Mach, 2011 pp.256.
- 2011 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Automation of Rourkela Steel Plant by using Intelligent IT Tool”, Proceeding of International Conference on Artificial Intelligence and Soft Computing , ICAISC, 9th – 10th April, 2011, pp.345-355
- 2011 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Integrated Automation in Rourkela Steel Plant, A Case Study”, Proceeding of International Conference on Electric Transport, ICET, 18th -19th February, 2011, pp. 28-36.
- 2011 Rajat Kumar Panigrahy, R.K.Mishra, S.Patnaik, “ Possibilities of Electronic Transport in Hot Strip Mill”, Proceeding of International Conference on Electronic Transport, ICET, 18th – 19th February, 2011, pp.4-9.
- 2011 R.K.Panigrahy, S.K.Patnaik, R.K.Mishra, “Soft Computing for HR Uncertainty Management in Steel Industry”, Proceedings of International Conference on Uncertainty Management in Green – Field Projects, ICUM, 22nd – 23rd January 2011, pp.94-99.
- 2009 Singapore corporation program on Innovative Concepts for Technical and Vocational Education Training (TVET) Development on 07 to 13 Oct. 2009 at Nanyang Polytechnic International, Nanyang Polytechnic, Singapore.

Publications Journal:-

- 2020 An article “Recycling of Scrap from Technical Institutes: A Case Study—Govt. ITI Berhampur” is published in a book chapter of Book Entitled “Waste Management as Economic Industry Towards Circular Economy,” by Springer Nature Singapore pte Ltd publisher, ISBN number 978-981-15-1619-1, 476481_1_En, (9)
- 2019 9th International Conference on Sustainable Waste Management towards Circular Economy, 2019 on “Waste Management as towards Circular Economy” at KIIT, Bhubaneswar, Nov 27-30, 2019
- 2012 Rajat Kumar Panigrahy, R.K.Mishra, S.Patnaik, N.G.P.C. Mahallik, “Steel Plant Production Line Automation Strategy using Advanced Distributed Control and Convergent Technology”, International Journal of Automation and Control (IJAAC) Inderscience Publishers , 2012
- 2011 Rajat Kumar Panigrahy, R.K.Mishra, S.Patnaik, “Hot Strip Mill Transportation in Rourkela Steel Plant”, International Journal of Instrumentation, Control & Automation (IJICA), Volume-1, Issue 1, 2011, pp.5-10.
- 2011 Rajat Kumar Panigrahy, A .K.Panda, S.Patnaik, “ Rourkela Steel Plant Automation: A Case Study”, International Journal of Instrumentation , Control & Automation (IJICA), Volume 1, Issue1,2011,pp 24-31.
- 2010 Rajat Kumar Panigrahy, R.K.Mishra, S.Patnaik, “Soft Computing for HR Uncertainty Management in steel Industry”, Interscience Management Review (IMR), Volume3, issue 1, 2010 ,pp 74-99.
- 2010 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Automation of energy management system in Rourkela Steel Plant: a case study”, International Journal of Energy Technology and Policy (IJETP) Inderscience Publishers, Vol 7 No 5/6
- 2010 Rajat Kumar Panigrahy, A.K.Panda, S.Patnaik, “Soft Computing for HR Uncertainty Management in Steel Industry” IJDATS) Inderscience Publishers, Volume 5, Issue 3, July

Book Chapter:-

- An article “Skill Gap Minimization by Teaching Hospital Approach on ITI Education System in India” is published in a book chapter of Book Entitled “Technical and Vocational Education and Training: Vision 2025” published by Lenin Media Pvt. Ltd., New Delhi having ISBN

9789385160769 through UNEVOC. More than 50 such chapters from various authors from international level are also published

Awards:-

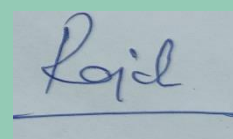
- 2023 Best award ITI, Brahmapur
- 2020 Declared best ITI, by District Administration, Ganjam, Chatrapur
- 2019 Best ITI in Skill Development through PPP by ASSOCHAM
- 2019 Innovative award from Planning & Convergence Department, Govt. of Odisha for successful Innovative proved Concept/Project/Prototypes for the year 2018-19 under the sub-scheme of Innovation.
- 2019 PRAKRUTI BANDHU & PRAKRUTI MITRA AWARD 2018-19 by Department of Forest, Govt. of Odisha for “ Integration of Skill development and Waste management”
- 2016 Best ITI Principal award by Ministry of Skill Development and Entrepreneurship, Govt. of India
- 2014 & 2010 Best ITI in automobile sector in the country by Directorate General of Employment and Training, Govt. of India
- 2014 & 2013 Chief Minister Award for Excellence and Innovation in governance and public service delivery, a lifetime achievement award.
- 2013 & 2009 Singapore Cooperation Program training award by Ministry of External Affairs, Govt. of Singapore for outstanding achievement in vocational training
- 2011 Indian Achiever's award for Educational Excellence.

Appreciation:-

- 2020 Appreciation received from Dr. Reghu G, IAS, Director of Technical Education & Training, for innovation work during the COVID
- 2020 Appreciation received from Dr. Mahendra Nath Pandey, Minister of Skill Development, Govt. of India for design of innovative product during the COVID
- 2020 Appreciation received from Dr. K.V.R Chery, Director, IISER, Berhampur for design of innovative product during the COVID
- 2009 Appreciation received from Sri V.V.Yadav, IAS, DTE&T the motivation for providing placement to 150 students at TATA NANO, Panthanagar.
- 2009 Appreciation received from Director of Employment and Employment Mission Govt. of Orissa. For providing placement 68nos. of ITI, Students
- Appreciation letters are received from Dr. Chandra Shekhar Kumar, IAS Commissioner –cum-Secretary to Govt. Employment and Technical Education & Training Department

Design and Innovation:-

- 2015 New Delhi, On World Youth Skill Day held at Vigyan Bhawan, New Delhi, Hon'ble Prime Minister appreciated the skilled products developed by the trainees and a Vastu Based nameplate was kindly accepted by him.
- 2013 Bhubaneswar, The innovative skilled products developed by the trainees stood 2nd position in the state.
- 2020 Largest Sculpture Park is developed by the students of ITI, Berhampur. There are 20 numbers of large size sculptures installed in the park. These Sculptures are developed from metal waste, automobile waste and electrical waste.



Signature of Principal