**DR. SHRIKANT JAGANNATH GORANE**

1. Address: **11, Sejal Classic Apartment, Tidke nagar, Untwadi, Nashik, 422009**
2. Mobile No./E-Mail/:

**E Mail- shrikantgorane@gmail.com**

**Mobile-9423476500**

1. Date of Birth: **12th November 1973**
2. Membership :
3. **Member, Institution of Engineers India (MIE)- M148390-5**
4. **Life Member, Indian Society For Technical Education (LMISTE)- Membership No: LM34997**
5. **Senior Member, Indian Institution of Industrial Engineering (SMIIE)- Membership No: 10320(21)**
6. **Member, Indian Society for Heating Refrigeration and Air-conditioning Engineering (ISHRAE) - Membership No: 55890**

**QUALIFICATIONS:**

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| **Sr.**  **No.** | **Examination** | **College** | **Board/**  **University** | **% of**  **Marks** | **Rank** | **Remark** |
| 1. | B.E.  (Mechanical) | SSVPS College of Engineering Dhule. | North Maharashtra University, Jalgaon. | 65.1 | I Class |  |
| 2. | M.E.  (Manufacturing Technology) | National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.  (*An Institute of National Importance of Government of India*) | Panjab University | 79 | I Class with Distinction | Academic Award for first rank |
| 3. | Ph. D (Mechanical) | Sardar Vallbhbhai National Institute of Technology, (SVNIT) Surat.  (*An Institute of National Importance of Government of India*)  Ranked 50th  including IITs and NITs in India, declared by National Institutional Ranking Framework  Ministry of Human Resource Development  Government of India (2017) | Autonomous Institute of Govt. of India | 9.2 CGPA  (Course work) | **--** |  |

**CAREER DETAILS:**

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| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Organization** | **Designation** | **Duration** | **Period** | **Work Done in Brief** |
| 1 | Tancom Electronics, SEEPZ, Andheri (E), Mumbai | Maintenance Engineer. | From 17/5/1998 To 1/8/2001 | 3 Years and 4 Months | Maintenance Engineer |
| 2 | Government Polytechnic, Sakoli | Lecturer in Mechanical Engg. | From 8/8/2001 To 20/07/2002 | 01 Year | Academic and Administrative work |
| 3 | Government Polytechnic, Nashik (*An Autonomous Institute of Government of Maharashtra*) | Lecturer in Mechanical Engg. | From 21/07/2002 To 31/04/2011 | 8 Years and 9 Month | Academic and Administrative work |
| 4 | Government Polytechnic, Ahmednagar | Lecturer in Mechanical Engg. | From 1/05/2011 To 30/07/2014 | 3 Years and 3 Month | Academic and Administrative work |
| 5 | Government Polytechnic, Nashik (*An Autonomous Institute of Government of Maharashtra*) | Lecturer in Mechanical Engg. | From 1/08/2014 To till Date |  | Academic and Administrative work |

**SPECIALIZED TRAINING COURSES ATTENDED:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Course name** | **Duration** | **Place** | **Training Agency** | **Remarks** |
| 1. | Development of effective Demonstration | One Week | NITTTR, Bhopal. | NITTTR, Bhopal. |  |
| 2. | Industrial Training | One Week | HAL, Nashik | HAL Nashik. |  |
| 3. | Mathematical Modeling | One Week | MKCL, Pune | MKCL Pune. |  |
| 4 | DACUM Training | Three days | NITTTR, Bhopal. | NITTTR, Bhopal |  |
| 5 | Establishment rules training pertaining to state of Maharashtra | Three days | NITTTR, extension Centre, Pune. | NITTTR, extension Centre Pune. |  |
| 6 | Faculty development programme | Two weeks | Udyogwardhini, Nashik | Department of Science and Technology, New Delhi | Supported by EDI Ahmadabad |
| 07 | Induction programme phase I | Two weeks | NITTTR, Extension Centre, Pune | NITTTR, Extension Centre, Pune |  |
| 08 | Advances in Automobile Engineering | One Week | Government Polytechnic, Nashik | AICTE, ISTE |  |
| 09 | Positive thinking and motivation | One Week | Government Polytechnic, Nashik | NITTTR, Bhopal |  |
| 10 | Research methodology- tools and techniques | Three days | IIT Roorkee | IIT, Roorkee |  |
| 11 | Advances in manufacturing technology | One Week | Government Polytechnic, Nashik | Government Polytechnic, Nashik |  |
| 12 | Hyperworks | One Week | Government Polytechnic, Ahmednagar | AICTE, ISTE |  |
| 13. | Effective conduction of laboratory experiments | One Week | Government Polytechnic, Ahmednagar | MSBTE, Mumbai |  |
| 14 | Writing Quality question paper | 2 Days | Government Polytechnic, Nashik | MSBTE, Mumbai |  |
| 15 | Modern techniques of material testing | One Week | Government Polytechnic, Nashik | MSBTE, Mumbai |  |
| 16 | Supply chain management and E business | One Week | SVNIT, Surat | SVNIT, Surat | Under TEQIP II |
| 17 | Advances in Manufacturing Technologies and Management | One Week | Government Polytechnic, Nashik | Government Polytechnic, Nashik | Approved by ISTE, New Delhi |
| 18 | Excellence in Manufacturing Engineering | One Week | Government Polytechnic, Nashik | Government Polytechnic, Nashik | Approved and sponsored by Directorate of Technical Education, Mumbai |

**RESEARCH ACTIVITIES**

**Papers published in Refereed Journal Articles (Total 10)**

1. **Gorane, S.J.** and Kant, R. (2017), “Supply Chain Practices- an Implementation Status in Indian Manufacturing Organizations”, *Benchmarking, An International Journal*, Vol. 28 No.1, pp.75-101, (Forthcoming Edition) (Emerald Publisher, U.K).
2. **Gorane, S. J.** and Kant, R. (2015), “Modelling the SCM Implementation Barriers: An Integrated ISM- Fuzzy MICMAC Approach”, *Journal of Modeling in Management*, Vol. 10 No. 2, pp. 158-178 (Emerald Publisher, U.K).
3. **Gorane, S.J.** and Kant, R., (2015) “Supply Chain Practices: A Content Analysis in Empirical Research and Framework for Future Development” *International Journal of Productivity and Performance Measurement*, Vol. 64 No. 5, pp. 657- 685 (Emerald Publisher, U.K).
4. **Gorane, S. J.** and Kant, R. (2013), “Modeling the SCM Enablers: An Integrated ISM- Fuzzy MICMAC Approach”, *Asia Pacific Journal of Marketing and Logistics*, Vol. 25 No.2, pp. 263-286 (Emerald Publisher, U.K).
5. **Gorane, S.J.** and Kant, R. (2013) ‘Supply chain practices: study and framework for future development’, *International Journal of Logistics Systems and Management*, Vol.17 No.1, pp. 83-103 (Inderscience Publisher, U.K).
6. **Gorane, S.J.** and Kant, R. (2013) ‘Supply chain management: modelling the enablers using ISM and fuzzy MICMAC approach’, *International journal of Logistics Systems and Management*, Vol.16, No.2, pp. 147 – 166 (Inderscience Publisher, U.K).
7. **Gorane, S.J.** and Kant, R. (2016) “A case study for predicting the success possibility of supply chain practices implementation using AHP approach”, *Journal of Business and Industrial Marketing*, Vol. 31 No. 2, pp. 137 - 151 (Emerald Publisher, U.K).
8. Kumar, S., **Gorane, S**. **J**, and Kant, R. (2015), “Modelling the supplier selection process enablers using ISM and fuzzy MICMAC approach”, *Journal of Business and Industrial Marketing*, Vol.30 No.5, pp. 536 - 551 (Emerald Publisher)
9. **Gorane, S.J**. and Kant, R., (2017) “Supply Chain Practices and Organizational Performance- An Empirical Investigation of Indian Manufacturing Organizations”, *International Journal of Logistics Management* Vol.28 No.1, pp.1-27 (Emerald Publisher, U.K).
10. Prajapati, H, Kant, R and **Gorane, S. J (Forthcoming Edition),** “Impact Study of Supply Chain Practices On Organizational Performance for Indian Chemical Industries**,** *International Journal of Logistics Systems and Management* (Inderscience Publisher, U.K).

**Presentations and Publications in Refereed International Conference Proceedings (Total-09)**

1. **Gorane, S. J**. and Kant, R. (2013), “Competitive Advantage of an Organization through Supply Chain Practices” in the *proceeding of International Conference on Industrial Engineering (ICIE 2013)*, **SVNIT, Surat**, pp. 99-103.
2. **Gorane, S. J.** and Kant R. (2012), “A Predictive Model for Supply Chain Management Implementation Using AHP Methodology” in the proceeding of *IEEE International Conference on Industrial Engineering and Engineering management (IEEM 212),* **Hong Kong**, pp 222-226
3. **Gorane, S. J.**, Kant, R. and Singh, M. D. (2012) “Functional Benchmarking of Organizations on the Basis of Supply Chain Performance Measures” in the proceeding of *IEEE International Conference on Management of Innovation and Technology (ICMIT 212)*, **Bali, Indonesia**, pp. 146-151.
4. **Gorane, S. J.** and Kant, R. (2011) “Environmental Principles Applicable to Supply chain Operation” in the proceeding of *International Conference on Industrial Engineering (ICIE 2011), SVNIT, Surat*, pp. 448-494 Paper presented titled ‘Magnetic Wheel Base Trolley’ at National conference on Mechatronics held at **NITTTR Chandigarh** on March 2007
5. Sarda, S.S. and **Gorane, S. J.** (2011), “ Integrating Lean Six Sigma and Supply Chain Management (SCM) for Improving the Performance”, in the proceeding of *International Conference On Industrial Engineering (ICIE 2011)* **SVNIT, Surat**
6. **Gorane, S. J.** and Upasani, S.S. (2008), “Emerging trends in SCM practices” in the proceeding of *International conference on issues and challenges in SCM* (ICSCM), **Banaras Hindu University (BHU) Varanasi.**
7. **Gorane, S. J**. Kale, P.T. and Banwait, S.S (2008), “Performance indicators of ERP” in the proceeding of *International conference of Society of Operation Management*, **Symbiosis Institute of Operation Management, Nashik**.
8. **Gorane, S. J**. and Kant, R. (2015), “Implementation Status and Issues of Supply Chain Practices - An Experience from Indian Manufacturing Organizations” in the *proceeding of third International Conference on Industrial Engineering (ICIE 2015) and 57th National Convention of Indian Institution of Industrial Engineering (IIIE)*, **SVNIT, Surat**, pp. 47-54.
9. Muley, S. P., Kant, R. and **Gorane, S. J**. (2015), “Modelling the Industrial Engineering Education Framework: An Integrated ISM- MICMAC Approach” in the *proceeding of third International Conference on Industrial Engineering (ICIE 2015) and 57th National Convention of Indian Institution of Industrial Engineering (IIIE)*, **SVNIT, Surat**, pp. 1389-1395.
10. **Gorane, S. J**. and Kant, R. (2016), “A Decision Making Approach for Supply Chain Management Implementation Using AHP Methodology”,in the *proceeding of tenth Indian subcontinent decision sciences institute (ISDSI) International Conference on Global Sustainability – path for Glocalisation*, **MET, Bhujbal Knowledge City, Nashik***,* pp. 1389-1395.
11. **Gorane, S. J**., Muley, S. P. and Kant, R. (2017), “Interpretive Structural Modeling for analysis of GSCM enablers” in the *proceeding of fourth International Conference on Industrial Engineering (ICIE 2017)*, **SVNIT, Surat**, pp. 1389-1395.

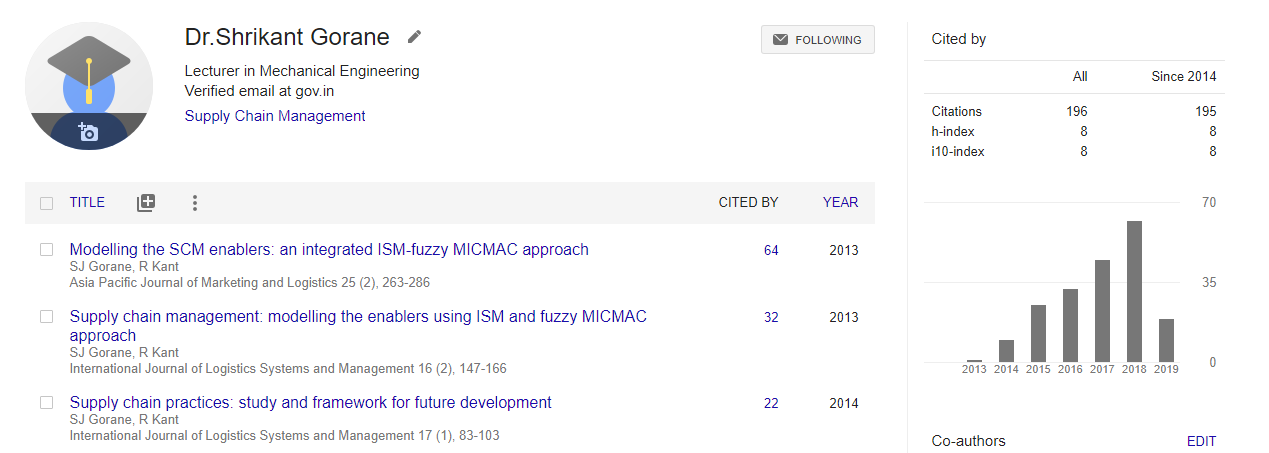
**Presentations and Publications in Refereed National Conference Proceedings (Total-04)**

1. **Gorane, S. J**. and Kant, R. (2014), “Supply Chain Practices- Implementation Prioritization Using AHP Methodology” in the proceeding of *National conference on Recent Advances in Manufacturing (RAM 2014),* **SVNIT, Surat**, pp. 388-392.
2. **Gorane, S. J**. and Kant, R. (2011) “ A review of supply chain practices adopted in small, medium and large organizations” in the proceeding of *National conference on Recent Advances in Manufacturing (RAM 2011)*, **SVNIT, Surat**, pp. 170-174.
3. **Gorane, S. J.** and Bainwait S.S. (2008), “Review of Performance Measures and Practice of Supply Chain in Manufacturing Industries” in the proceeding of *National conference of Advances in Manufacturing Technology*, **NITTTR, Chandigarh.**
4. **Gorane, S. J**. and Bainwait S.S. (2007) “Magnetic Wheel Base Trolley” in the proceeding of *National Conference on Mechatronics*, **NITTTR Chandigarh**.

**Reviewer for international Journals**

Working as a reviewer for the renowned International journals like

* Benchmarking an International Journal
* International Journal of Production research
* Asia Pacific Journal of Logistics and Management
* International Journal of Logistic Management

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**WORK DONE IN THE AREA OF TECHNICAL EDUCATION**

1. Worked as member of the committee formed by Government of Maharashtra for AICTE approval of the engineering diploma and post graduate management institutions starting new courses / variation of intake / continuation of courses
2. Worked as representative for Director of Technical Education, Maharashtra state for various entrance exams for Engineering, MBA, MCA, Hotel Management and Architecture.
3. Worked as observer appointed by Government of Maharashtra for conducting entrance examination for Medical, Engineering and Pharmacy (MHT-CET 2008, 2009, 2010, 2011)
4. Till Date, Working as a member for Programme Advisory Committee (PAC) for Diploma in Mechanical Engineering (DME), Yashwantrao Chavan Maharashtra Open University, Nashik (YCMOU).
5. Worked as a session chair (02 sessions) in the third International Conference on Industrial Engineering (ICIE 2015) and 57th National Convention of Indian Institution of Industrial Engineering (IIIE) at SVNIT,
6. Inspected the 06 Polytechnic 02 Engineering Colleges and 05 MBA Colleges (May-July 2015) under special drive ordered by the Hon. Governor of Maharashtra to improve the quality of the technical education.
7. On the examination panel for M.E/M.Tech examination at Savitribai Phule Pune University and SVNIT Surat (conducted final defence of 21 ME/ M.Tech students).
8. Worked as a Venue Officer (VO) for MBA CET examination for the year, 2015, 2016, 2017 and 2018.
9. Worked as a member for merit list verification (Regional level) at office of the Joint Director, Technical Education Regional office Nashik (2017)
10. Worked as a session chair (02 sessions) in the fourth International Conference on Industrial Engineering (ICIE 2017), SVNIT, Surat
11. Was Member of Organising Council for organising fourth International Conference on Industrial Engineering (ICIE 2017), held on 21-23 December 2017 at SVNIT, Surat,
12. Worked as a session chair in the sixth International Conference on Recent Trends in Engineering and Technology (ICRTET' 2018) at SNJB's KBJ College of Engineering, Chandawad, Nashik.
13. Worked as a session chair in the fourteenth International Conference on Science, Technology and Management at Guru Govind Singh Polytechnic, Nashik (2019)
14. Worked as a session chair in the second National Conference on recent Innovations in Engineering, Science and technology at Sandip Institute of Engineering and Management (2019)
15. Worked as Observer for NEET examination 2019 (One of the Prestigious and Sensitive entrance examination) conducted by National Testing Agency (NTA)
16. Coordinated the activity of online merit list verification on Safalta portal for Nashik region (work carried out at Technical Education Regional office Nashik)

**WORKSHOP/ COMPETITION ARRANGED**

1. Arranged 6 days workshop on PLC and Automation for Electronics, Electrical and Mechanical Engineering students at Government Polytechnic, Nashik and trained 120 students (2011)
2. Arranged 2 days workshop on Advances in manufacturing Processes for the students of all polytechnic located in Ahmednagar District at Government Polytechnic, Ahmednagar (2012)
3. Arranged State level paper presentation competition Yantrankur 2012 (sponsored by Maharashtra State Board of Technical Education Mumbai with the grant of 75,000 Lakhs) and Yantrankur 2013
4. Worked as a Chief coordinator for AICTE-ISTE sponsored Short Term Training Programme on Advances in Manufacturing Technology and Management on 11th to 15th January 2016 and 35 faculties from Engineering colleges and Polytechnics participated in the training programme.
5. Work as a Co-ordinator for DTE sponsored short term training programme on Research Methodologies and Optimisation Techniques (RMOT 2018) held on 30th January 2018 to 3rd February 2018. 25 faculties from Polytechnics participated in the training programme.
6. Conducted the MSBTE sponsored (Received grant of Rs 75000) faculty development training programme on ‘Mechatronics and Industrial Automation (17-21December 2018)
7. Worked as co-cordinator for MSBTE sponsored faculty development training programme on “Mechatronics and Industrial Automation” held on 6-10 January 2024

**PROJECT GUIDANCE**

1. Guided the project titled “SWAN- The oil Skimmer” and won the second prize at state level project exhibition competition held at Government Polytechnic, Aurangabad

The mechanism was developed to separate the oil from the coolant. Later this concept was accepted by various industries.

1. Guided the project titled “Automatic Cotton Collector” and won the first prize at state level project exhibition **Dipex** held at K J Somaiya College, Mumbai.

The farmers get injured while collecting the cotton from the cotton flower. The machine helps the farmers for automatic collection of the cotton.

1. Guided the project “Pneumatically operated bicycle for handicap” and won the first prize at state level project exhibition held at Adsul Polytechnic, Ahmednagar.

It is difficult to operate the manually operated bicycle. Instead we design the automatic operated bicycle operates on high pressure air. It is less costly and ecofriendly.

1. Guided the project “Mitticool- The Non Conventional Refrigeration system”

The conventional refrigerator works on the electricity and having the compressor and refrigerant. Mitticool refrigerator is made of mittti and having the shape of refrigerator. One compartment having facility to store water while other two having the facility to store perishable products. The water store in upper compartment perforated to lower section and by evaporative cooling effect, the refrigeration effect in other two compartments obtained

**EXPERT TALK**

1. Delivered expert talk on ‘structural equation modelling’ in the TEQIP II sponsored STTP on ‘Research Methodology: Tools and Techniques’ held at SV National Institute of Technology, Surat (15-19 June 2015).
2. Delivered expert talk on ‘Supply Chain penetration in Indian organisation’ in the TEQIP II sponsored STTP on ‘Supply Chain Management and E businesses’ held at SV National Institute of technology, Surat (22-26 June 2015).
3. Delivered expert talk on “Supply Chain Practices” in the AICTE-ISTE sponsored Short Term Training Programme on Advances in Manufacturing Technology and Management on 11th to 15th January 2016.
4. Delivered expert talk on “Supply Chain Practices implementation status in Indian manufacturing organisation” in the Directorate of Technical Education (DTE) sponsored Short Term Training Programme on Excellence in Manufacturing Engineering on 3rd December 2016.
5. Delivered expert talk on “Survey research” in DTE Sponsored Short Term Training Programme on Research Methodologies and Optimisation Techniques (RMOT 2018) held on 30th January 2018 to 3rd February 2018. 25 faculties from Polytechnics participated in the training programme.
6. Delivered expert talk on PLC programming in MSBTE sponsored faculty development training programme on ‘Mechatronics and Industrial Automation (17-21December 2018). 30 faculties from Polytechnics participated in the training programme.
7. Delivered expert talk   for the two days State Level Workshop on “Advances in Industrial Engineering and Management” on (21-22 December 2018) sponsored by BCUD, QIP of Savitribai Phule Pune University, Pune at SNJB Chandwad.
8. Delivered expert talk on Structural Equation Modelling in two day workshop on Optimization and Multi Attribute Decision Making, Sponsored by Savitribai Phule Pune University, Pune at SITRC, Nashik (8-9 February, 2019).

**WORK DONE AT ORGANIZATIONAL LEVEL**

1. Got 15 Excellent CR (Confidential Report) in 16 years of teaching service by the head of institution for overall development of students, department and organization.
2. Undertaken testing and consultancy work related to mechanical engineering like testing of furniture, Machinery and sports equipment supplied by Zilla Parishad, Adivasi Vikas, MSSIDC etc.
3. Coordinated the development of management information software (Accounts, Student registration, online presenty, day to day activities of department and organization) and development of automatic time table generation software for Government Polytechnic, Nashik.
4. Coordinated curriculum development (2016) for Mechanical Engineering
5. Worked as Member for admission committee 2017 (First year Engineering and Direct Second Year Engineering)
6. Worked as co coordinator for admission committee 2018 (ARC) (Direct Second Year Engineering)
7. Working as Rector for Boys Hotel since January 2016.
8. Worked as the Curriculum Development Centre (CDC) representative and coordinated the overall curriculum development activities of Mechanical Engineering department for development of Curriculum 2016.
9. Worked as co coordinator for admission committee 2019 (FC and ARC) (Direct Second Year Diploma)
10. Worked as co coordinator for admission committee 2019 (ARC) (Direct Second Year Engineering)

**WORK DONE FOR SOCIETY**

1. Arranged DACUM programme under **Canada India Industry Institute Linkage Project (CIIILP)** for the skill development of refrigeration and air-conditioning technicians. For the same programme 50 technicians were participated from North Maharashtra.
2. Worked as a member for making **Citizen Charter** for Nashik Region Technical Education Institutes (Formed by Technical Education Regional Office, Nashik).
3. Carried out exhaustive valuation of bank asset under liquidation of:
4. Kopergaon Merchant cooperative Bank Kopergaon including four branches located at Kopergaon, Shirdi, Kolpewadi and Rahata
5. Rahuri Peoples Cooperative bank Rahuri

The liquidated fund were distributed to the investors

**OTHER WORK**

1. Worked with Maharashtra Knowledge Corporation Limited (MKCL) for the simulation of experiments for the better understanding of Fluid Power and Refrigeration and Air-conditioning subjects
2. Work as Jury and guided the students at national level robotic competition held at SES college of Engineering Kopergaon.
3. Working as a treasurer (Nashik Region) for Maharashtra Government Polytechnic Teachers Welfare Associated (MGPTWA)

**HONORS AND AWARDS**

1. Academic award for **M.E Examination**, awarded by Padmashri. Dr. R.C. Sobti (Former VC, Panjab Uiversity) and Padmabhushan Dr. K. K. Talwar (Former Director, PGIMER, Chandigarh and Former President, MCI, India) (2009)
2. Samaj Bhushan award for overall academic achievement (2009 )
3. Samaj Bhushan award for overall academic achievement (2015)
4. Won Second prize in **National Productivity Improvement Competition** organised by 57th National Convention of Indian Institution of Industrial Engineering (IIIE), at SVNIT, Surat (27th November 2015) (Awarded by Dr. Amitabh Dey, Director, Indian Institute of Management, Shilong)

**RESEARCH /OTHER GRANTS**

1. Received the grant of Rs 10 Lakhs against the proposal for the modernization of the Metallurgy laboratory submitted to AICTE.