Curriculum Vitae

of

Dr. Mir Akmam Noor Rashid

| 1. | Name | Mir Akmam Noor Rashid |
|-----|----------------------------|--|
| 2. | Father's Name | Mir Harunoor Rashid |
| 3. | Mother's Name | Suraiya Akter |
| 4. | Spouse Name | Binti Ramzan Ali |
| 5. | Nationality | Bangladeshi |
| 6. | Present Address | Senior Scientific Officer (SSO), Dyeing and Printing Division, BJRI, Manik Mia Avenue, Dhaka-1207, Mobile: +880 1720001686 |
| 7. | Permanent Address | 1494, South Donia, Kadomtali, Donia, Dhaka-1236 |
| 8. | Date of birth | 31 December 1987 |
| 9. | Date of Joining at BJRI | 03 August 2011 |
| 10. | Educational Qualification: | Ph.D. (Awarded) |

1. **Educational Qualifications:**

| Degree/Diploma/ Certificate | Class/Grade/Division | University/Board | Year |
|--|--|--|---------------------------|
| S.S.C | 4.63 (without 4 th subject) | Dhaka Board | 2002 |
| H.S.C | 4.50 (without 4 th subject) | Dhaka Board | 2004 |
| B.Sc. in Textile Technology | 1 st Class | Bangladesh University of Textiles (BuTex) | 2008 (Held in 2010) |
| M.Sc. In Manufacturing Engineering | 3.70 (out of 4.0) | International Islamic University Malaysia | 2018 |
| Ph.D. | Awarded | International Islamic University Malaysia | 2019- 2023 |

2. Field of Specialization: **Manufacturing Engineering** (JFRP, CFRP, GFRP, KFRP Composite machining, LBMM- μ EDM Hybrid micromachining, Modelling tool expert in MATLAB, ANSYS, COMSOL, DOE, MINITAB, SOLID WORKS, ANN, PYTHON, GOOGLE CO-LAB, AI).

3. Training:

A) In Country

| Organization Year Duration | | Name of program | | |
|---|--------|-----------------|------|--|
| 919022002 | 1 3332 | Mos. | Days | T want of program |
| Orientation Program, BJRI | 2011 | - | 5 | Orientation Program |
| BARD, Cumilla | 2013 | 4 | 0 | Foundation Training Course |
| Bangladesh Rural development Training Institute, Khadim Nagar, Sylhet | 2013 | 0 | 7 | Rural Development and Poverty Reduction |
| Graduate Training Institute. Mymensingh Agri. University | 2014 | 0 | 14 | Research Methodology |
| NATA, Gazipur | 2021 | - | 5 | E-Governance |
| BJRI, Dhaka | 2021 | - | 1 | E-nothi |
| Zwick Roell, Germany | 2021 | - | 1 | Virtual training on Tensile Test on plastics as per ISO 527 |
| BJRI, Dhaka | 2022 | | 1 | Bangladesh Applied Research on Jute |
| BJRI, Dhaka | 2022 | - | 1 | Sustainable Development Goals (SDG) |
| BJRI, Dhaka | 2020 | - | 2 | Service Process Simplification |
| BJRI, Dhaka | 2022 | - | 1 | Annual Performance Agreement (APA) |
| BJRI, Dhaka | 2022 | | 1 | DPP writing skill development |
| BJRI, Dhaka | 2023 | | 1 | Training on service delivery commitments |
| Esquire Group, Narayanganj | 2009 | 2 | 0 | Industrial Training on Dyeing, knitting and Quality Control |
| Amber Spinning Mill, Gazipur | 2009 | 0 | 1 | Training on cotton Spinning |
| BJRI, Dhaka | 2023 | | 1 | ICT training |
| BJRI, Dhaka | 2023 | | 1 | Delta plan |
| BJRI, Dhaka | 2023 | | 1 | Training on Right to Information Act |

| BJRI, Dhaka 2023 | | 1 | Receipt and disposal of |
|------------------|--|---|-------------------------|
| | | | complaints |

b) Abroad

| Country | Year | Duration | | Name of program |
|-----------------|------|----------|------|--------------------------------------|
| | | Mos. | Days | |
| JAKIM, Malaysia | 2017 | - | 1 | Islamization in Malaysia |
| IIUM, Malaysia | 2017 | | 1 | Orientation of Post Graduate Program |
| IIUM, Malaysia | 2018 | | 1 | Research and Innovation |
| IIUM, Malaysia | 2018 | - | 1 | RKGS |
| IIUM, Malaysia | 2019 | | 1 | Workshop Training |
| IIUM, Malaysia | 2020 | - | 1 | Ebadah Camp |

4. Work Experience:

| Position | Pe | Total | |
|---|----------------|----------------|-------------------------|
| | From | То | Year/Month |
| Executive Officer (Knitting Section) in Epyllion Group , Gazipur | 01-11- 2010 | 02-08-2011 | 10 months |
| Scientific Officer Chemistry Division, BJRI | 03-08- 2011 | 18-10- 2021 | 10 yrs 2 months 15 days |
| Senior Scientific Officer Dyeing and Printing Division, BJRI | 18-10-2021 | Till to date | 1 yrs 9 month |

5. Outstanding Achievement

| | Award Received: |
|----|---|
| 1. | KERICE' 2019 Silver Award received from International Islamic University Malaysia |
| 2. | Poster Presentation in KERICE' 2020 (Participation award) |
| 3. | AOARD USA Fund (Ph.D. Scholarship) from Malaysia High Commission, Malaysia |
| 4. | FRGS fund achieved in Ph.D. |
| 4. | RIGS Fund (Master Program), International Islamic University Malaysia |
| 5. | IIIT scholarship (USA), During M.Sc. In Manufacturing Engineering Program |
| 6. | Harris and Menuk (HNM Scholarship) during B.Sc in Textile Engineering |

| 7. | Fazilatunnesa Jute Mills Scholarship (4 yr. consecutively) in B B.Sc in Textile | |
|----|---|--|
| | Engineering | |
| 8. | Graduate level Achieved 4-year merit scholarship | |
| 9. | Class Five & Eight scholarship | |

Project/Technical Works:

Appointed as an active member by Ministry of Agriculture, GoB for a Program entitled 'Development of Innovation Technology by the Application of Reactive Dye and Various Types of Prints (Pigment, Rubber, Foil) on Jute and Jute-Cotton Blended Fabrics' to be implemented in the Dyeing and Printing Division of BJRI and funded by Ministry of Agriculture, GoB, for the fiscal year 2021-2022 and 2022-2023

Involved in the purchase and receiving committee of above program entitled 'Development of Innovation Technology by the Application of Reactive Dye and Various Types of Prints (Pigment, Rubber, Foil) on Jute and Jute-Cotton Blended Fabrics' for the fiscal year 2021-2022 and 2022-2023.

Two training session was conducted based on natural dyes application which is entitled as "Diversified Jute Product and Modernization of Jute Product" 2022-2023.

Actively performed the Rapporteur duty in the TRC-39 & 40.

TRB report, program, highlights compilation was done based on official letter and the duty was propagated with successful effort.

Already participated in different international conference and keynote speaker in SDP, Palembang, Indonesia.

Actively performed in the BJRI Specialized Scientific Committee and progress in process

Sincerely performed the responsibility in the "Jute Diversified Promotion Fare 2023".

Divisional report, program, leaflet, MATLAB, ANSYS support is being accelerated

6. Membership of Different Professional bodies, social network and scientific forum:

| Sl. No. | Name of Professional | | | |
|---------|---|--|--|--|
| | bodies | | | |
| 01. | The Institution of Engineers, Bangladesh (IEB). | | | |
| 02. | The Institution of Textile Engineers and Technologists ITET, Bangladesh | | | |
| 03. | Bangladesh Physics Society (BPS) | | | |
| 04. | IIUM alumni association | | | |
| 05. | Narsingdi Textile Engineers Association (NTEA) | | | |
| 06. | International Association of Engineers (IAENG) | | | |

7. List of Publications by Dr. Mir Akmam Noor Rashid

Research Articles as a Main Author:

| | Paper Published in the Peer Reviewed Reputed International Journal: | | | | | |
|-----|---|--|--|--|--|--|
| No | | Publication Description | | | | |
| 01. | Full Scientific paper | Rashid, M.A.N., Saleh, T., Noor, W.I. <i>et al.</i> Effect of laser parameters on sequential laser beam micromachining and micro electro-discharge machining. <i>Int J Adv Manuf Technol</i> 114 , 709–723(2021). Impact Factor: 3.68 https://doi.org/10.1007/s00170-021-06908-8 | | | | |
| 02. | Full Scientific paper | Rashid, M. A. N., Zain, Z. M., Khairusshima, M. N., Noor, W. I., Mullah, M., & Khan, S. A. (2021, March). Analysis and modelling of surface roughness in milling of JFRP composite using central composite design. In <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 1092, No. 1, p. 012013). IOP Publishing. Impact Factor: 0.51. SCOPUS https://doi.org/10.1088/1757-899X/1092/1/012013 | | | | |
| 03. | Full Scientific paper | Rashid, M. A. N., Zain, Z. M., Khairusshima, M. N., Noor, W. I., Mullah, M., & Khan, S. A. (2021, March). Machinability study of JFRP composite using design of experiment. <i>Materials Science and Engineering</i> (Vol. 1092, No. 1, p. 012014). IOP Publishing. (SCOPUS) https://doi.org/10.1088/1757-899X/1092/1/012014 | | | | |
| 04. | Full Scientific paper | Rashid, M. A. N., Zain, Z. M., Mullah, M., & Noor, W. I. (2021). Optimization of Milling on Jute Fiber Reinforced Polymer Composite Using RSM. In <i>Recent Trends in Manufacturing and Materials Towards Industry 4.0</i> (pp. 881-892). Springer, Singapore. (SCOPUS) https://doi.org/10.1007/978-981-15-9505-9 77 | | | | |
| 05. | Full Scientific paper | Rashid, M. A. N., Zain, Z. M., Mullah, M., & Noor, W. I. (2021). Analysis and Modeling of Delamination Factor in Milling of JFRP Composite Using Central Composite Design. In <i>Recent Trends in Manufacturing and Materials Towards Industry 4.0</i> (pp. 903-916). Springer, Singapore https://doi.org/10.1007/978-981-15-9505-9_79 | | | | |
| 06. | Full Scientific paper | Rashid, M. A. N., Mullah, M., & Zain, Z. M. (2020). Study on Tool wear mechanism during milling of JFRP composite. <i>International Journal of Science and Engineering Investigations (IJSEI)</i> , 9(98), 20-26. http://www.ijsei.com/papers/ijsei-99820-05.pdf | | | | |
| 07. | Full Scientific paper | Rashid, Mir Akmam Noor, Zakaria Mohd Zain, Wazed Ibne Noor, and Momin Mullah. "Machinability Effect During Milling on Different Composition of JFRP using Uncoated Carbide Cutting Tool." International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol. 9 Issue 03, March-2020. DOI: 10.17577/IJERTV9IS030309 | | | | |
| 08. | Full Scientific paper | Rashid, Mir Akmam Noor, Momin Mullah, and Zakaria Mohd Zain. "Application of Artificial Intelligence: A Review." International Journal of Advanced Engineering Research and Science. ISSN: 2349-6495(P) 2456-1908(O) [Vol-7, Issue-3, Mar- 2020] https://dx.doi.org/10.22161/ijaers.73.47 | | | | |
| 09. | Full Scientific paper | Noor Rashid Mir Akmam, Siti Nursyakirah Yuslan "International Law of Smuggling". sInternational Journal of Law Recontruction, Volume III, Issue I1, September 2019. DOI: http://dx.doi.org/10.26532/ijlr.v3i2.7792 | | | | |
| 10. | Full Scientific paper | Rashid, M. A. N., S. A. Khan, M K Nor Khairusshima, and Norshahida Sarifuddin. "Study On Tool Wear and Tool Life During Milling JFRP Using Uncoated Carbide Cutting Tool." ISSN:1819-6608, VOL. 13, NO. 8, APRIL 2018. http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_0418_7016.pdf | | | | |

| 11 | | Rashid, Mir Akmam Noor, Paulina M. Latuheru, and Dio Deski Putra Maros. "Traffic Management |
|----|-----------------|--|
| | paper | Review of Passenger and Vehicle in Kariangau Ferry Port, East Kalimantan Province." IWJ: Inland |
| | | Waterways Journal 1, no. 1 (2019): 54-63. |
| | | https://www.researchgate.net/publication/340916169 Traffic Management Review of Passenger and |
| | | _Vehicle_in_Kariangau_Ferry_Port_East_Kalimantan_Province |
| | | |
| 12 | Eull Caiantifia | Dorbid M. A. N. Zein, Z. M. Mulleh, M. & Neor, W. I. (2021). Analysis and Madeling of Delamination |
| 12 | | Rashid, M. A. N., Zain, Z. M., Mullah, M., & Noor, W. I. (2021). Analysis and Modeling of Delamination |
| | paper | Factor in Milling of JFRP Composite Using Central Composite Design. In Recent Trends in |
| | | Manufacturing and Materials Towards Industry 4.0: Selected Articles from iM3F 2020, Malaysia (pp. |
| | | 903-916). Springer Singapore. |
| | | |

Research Articles as a Co-Author:

| | | Paper Published in the Peer Reviewed Reputed International Journal: |
|--------|-----------------------------|---|
| N o | | Publication Description |
| 1. | Full Scientific Paper | Zain, Zakaria Mohd, Mir Akmam Noor Rashid , Sher Afghan Khan, and Ahsan Ali Khan. "MRR and TWR Study of Powder Mix EDM and Pure EDM Based on Response Surface Methodology." <i>Journal of Advanced Research in Applied Mechanics</i> 103, no. 1 (2023): 13-26. (SCOPUS) DOI: https://doi.org/10.37934/aram.103.1.1326 |
| 2. | Full Scientific Paper | Zain, Zakaria Mohd, Mir Akmam Noor Rashid , Sher Afghan Khan, and Ahsan Ali Khan. "Analysis and Modeling of Surface Roughness in Powder Mix EDM and Pure EDM Using Central Composite Design." <i>Journal of Advanced Research in Applied Sciences and Engineering Technology</i> 30, no. 1 (2023): 243-254. (SCOPUS) DOI: https://doi.org/10.37934/araset.30.1.243254 |
| 3. | Full Scientific Paper | Zain, Zakaria Mohd, Mir Akmam Noor Rashid , and Ahsan Ali Khan. "Analysis and Modeling of Tool Wear Rate in Powder Mix EDM and Pure EDM Using Central Composite Design." <i>Malaysian Journal of Science and Advanced Technology</i> (2023): 17-23. (SCOPUS) DOI: https://doi.org/10.56532/mjsat.v3i1.128 |
| 4. | Full Scientific Paper | Jahan, Fatema Nusrat, Shamina Jafrin, M. A. N. Rashid , Anisur Rahman Dayan, Nazmina Chowdhury, and Md Asib Iqbal. "Physical Test on Soyabean Oil-Stained Jute Fabric with Chemically Treated Jute and Raw Jute Fabric." <i>Journal homepage: www. ijrpr. com ISSN</i> 2582: 7421 (2022) https://doi.org/10.55248/gengpi.2022.3.11.52 |
| 5. | Full Scientific Paper | Khan, Mohammad Abdus Salam, A. T. M. K. Jamil, Mir Akmam Noor Rashid , M. Maniruzzaman, and Nazmina Chowdhury. "Effect of Different Stages of Processing of Jute Yarn at Varying Counts. International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022 , pp: 1093-1097 www.ijaem.net ISSN: 2395-5252. DOI: https://doi.org/10.35629/5252-040810931097 |
| 6. | Full Scientific Paper | Khan, Mohammad Abdus Salam, Jannatul Bake Molla, Mir Akmam Noor Rashid , Mahmuda Khatun, and Khorshed Alam. "Development of Environment-Friendly Jute Cotton Lightweight Blended Fabric and Its End Uses". International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022 , pp: 1093-1097 www.ijaem.net ISSN: 2395-5252. DOI: https://doi.org/10.35629/5252-040811271131 |
| 7. | Full Scientific paper | Khan, Mohammad Abdus Salam, Mir Akmam Noor Rashid, Jannatul Bake Molla, Fatema Nusrat Jahan, and Ashraful Alam. "Study on Different Properties of Jute-Cotton Blended Home-Textile Check Fabric." International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022, pp: 1093-1097 www.ijaem.net ISSN: 2395-5252. DOI: https://doi.org/10.35629/5252-0408799803 . https://www.researchgate.net/publication/365890167 Study on Different Properties of Jute-Cotton Blended Home-Textile Check Fabric |

| 8 | Full Scientific paper | Khan, Mohammad Abdus Salam, A. T. M. K. Jamil, Osman Gani Miazi, and Mir Akmam Noor Rashid. "Study of Mechanical Properties of Woolenised Jute Yarns." International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 8 Aug. 2022, pp: 1093-1097 www.ijaem.net ISSN: 2395-5252. (2022) DOI: https://doi.org/10.35629/5252-0408787793 |
|----|--------------------------|--|
| 9 | Full Scientific paper | Noor, W., T. Saleh, M. A. N. Rashid , and A. M. Ibrahim. "Effect of process parameters on the laser microdrilling performance of stainless steel, aluminium and copper." In <i>IOP Conference Series: Materials Science and Engineering</i> , vol. 1244, no. 1, p. 012020. IOP Publishing, 2022 . DOI: https://doi.org/10.1088/1757-899X/1244/1/012020 |
| 10 | Full Scientific paper | Jahan, Fatema Nusrat, M. A. N. Rashid , Taslima Rahman, Nurun Nabi, and Nayer Rahman. "Commercialization of Bangladeshi Jute and Jute goods: A Special Case Study" <i>Journal homepage: www.ijrpr.com ISSN 2582-7421</i> (2022) DOI: https://doi.org/10.55248/gengpi.2022.31248 |
| 11 | Full Scientific paper | Ibne, Noor Wazed, Saleh Tanveer, Rashid Mir Akmam Noor , Azhar Mohd Ibrahim, and Ali Mohamed Sultan Mohamed. "Correction to: Dual-stage artificial neural network (ANN) model for sequential LBMM-μEDM-based micro-drilling." <i>The International Journal of Advanced Manufacturing Technology</i> 117, no. 11-12 (2021): 3367-3367. https://doi.org/10.1007/s00170-021-07910-w |
| 12 | Full Scientific paper | Aziz, Mohammad Abdul, Rami Ali Al-Khulaidi, M. M. Rashid, M. R. Islam, and M. A. N. Rashid. "Design and fabrication of a fixed-bed batch type pyrolysis reactor for pilot scale pyrolytic oil production in Bangladesh." In <i>IOP Conference Series: Materials Science and Engineering.</i> https://doi.org/10.1088/1757-899X/184/1/012056. 2017. https://iopscience.iop.org/article/10.1088/1757-899X/184/1/012056/meta |
| 13 | Full Scientific paper | Khairusshima, MK Nor, B. Muhammad Hafiz Zakwan, M. Suhaily, I. S. S. Sharifah, N. M. Shaffiar, and M. A. N. Rashid. "The optimization study on the tool wear of carbide cutting tool during milling Carbon Fibre Reinforced (CFRP) using Response Surface Methodology (RSM)." (2018). IOP Conf. Series: Materials Science and Engineering 290 (2017) 012068 doi:10.1088/1757-899X/290/1/012068 https://iopscience.iop.org/article/10.1088/1757-899X/290/1/012068/meta |
| 14 | Full Scientific paper | Chowdhury, Dr, Mir Akmam Noor Rashid , Khalid Saifullah, Md Iqbal, and S. M. Kobir. "Effect of Hydrogen Peroxid Concentration on Jute Fabric." (2014). Daffodil International University Journal of Science & Technology ISSN :2408-8498 http://dspace.library.daffodilvarsity.edu.bd:8080/handle/20.500.11948/1012 |
| 15 | Full Scientific paper | Mohajan, Suman, Md Iqbal, Mohammad Moniruzzaman, Mir Akmam Noor Rashid , and Nazmina Chowdhury. "Effect of M: L ratio on dyeing of jute fabrics using REMAZOL RR & DRIMAREN HF." (2013). Daffodil International University Journal of Science & Technology ISSN :2408-8498 https://www.researchgate.net/publication/305769598 EFFECT OF M L RATIO ON DYEING OF JUTE FABRICS USING REMAZOL RR DRIMAREN HF |
| 16 | Full Scientific paper | Rashid, M. A. N., Zain, Z. M., Mullah, M., & Noor, W. I. (2021). Analysis and Modeling of Delamination Factor in Milling of JFRP Composite Using Central Composite Design. In <i>Recent Trends in Manufacturing and Materials Towards Industry 4.0: Selected Articles from iM3F</i> 2020, Malaysia (pp. 903-916). Springer Singapore. |
| 17 | Full Scientific paper | Ibne, N. W., Tanveer, S., Noor, R. M. A., Ibrahim, A. M., & Mohamed, A. M. S. (2021). Correction to : Dual-stage artificial neural network (ANN) model for sequential LBMM-μEDM-based microdrilling. <i>The International Journal of Advanced Manufacturing Technology</i> , <i>117</i> (11-12), 3367-3367. |

08. Bulletins/Leaflet:

| 1 | . Leafle | M. M. Alamgir Sayeed, Md. Tarik Hossain, Mobarak Hossen, Mir Akmam Noor |
|---|----------|---|
| | | Rashid "Application of pigment printing on jute cotton blended fabric". (2021), BJRI. |
| | | |
| | | |

| 2. | Leaflet | M. M. Alamgir Sayeed, Md. Tarik Hossain, Mobarak Hossen, Mir Akmam Noor | | |
|----|---------|--|--|--|
| | | Rashid "Off-white textured jute by advanced dyeing (bleaching) process-Preparation of cotton blended fabric". (2022), BJRI. | | |

${\bf 9.\ Seminar/Workshop/Symposium\ Proceedings\ (International):}$

| Sl. | Type of | Conference | |
|-----|---|--|--|
| No. | Conference | details | |
| 01. | International Conference (Paper presented by me) | Rashid, M. A. N., Zain, Z. M., Khairusshima, M. N., Noor, W. I., Mullah, M., & Khan, (2021, March). Machinability study of JFRP composite using design of experiment. <i>Mac Science and Engineering</i> (Vol. 1092, No. 1, p. 012014). IOP Publishing. (SCOPUS) https://doi.org/10.1088/1757-899X/1092/1/012014 | |
| 02. | International Conference (Poster presented by me) | Rashid, M. A. N., Zain, Z. M., Mullah, M., & Noor, W. I. (2021). Optimization of Milling on Jute Fiber Reinforced Polymer Composite Using RSM. In <i>Recent Trends in Manufacturing and Materials Towards Industry 4.0</i> (pp. 881-892). Springer, Singapore. (SCOPUS) https://doi.org/10.1007/978-981-15-9505-9 77 | |
| 03. | International Conference (Paper presented by me) | Khairusshima, MK Nor, B. Muhammad Hafiz Zakwan, M. Suhaily, I. S. S. Sharifah, N. Shaffiar, and M. A. N. Rashid. "The optimization study on the tool wear of carbide cut tool during milling Carbon Fibre Reinforced (CFRP) using Response Surface Methodol (RSM)." (2018). IOP Conf. Series: Materials Science and Engineering 290 (2017) 012 doi:10.1088/1757-899X/290/1/012068 https://iopscience.iop.org/article/10.1088/1757-899X/290/1/012068/meta | |
| 04. | International Conference (Paper presented by me) | rence (Paper of Delamination Factor in Milling of JFRP Composite Using Central Composite Design. | |
| 05. | International Conference (Paper presented by me) Rashid, M. A. N., Zain, Z. M., Khairusshima, M. N., Noor, W. I., Mullah, M., & Kh A. (2021, March). Analysis and modelling of surface roughness in milling of composite using central composite design. In <i>IOP Conference Series: Materials Scand Engineering</i> (Vol. 1092, No. 1, p. 012013). IOP Publishing. Impact Factor: SCOPUS https://doi.org/10.1088/1757-899X/1092/1/012013 | | |

10. List of Technology Developed:

| Sl. | Name of Technology developed | Evidence |
|-----|---|---|
| No. | | |
| 1. | Milling on JFRP Composite Using an Uncoated | 6 papers published in the different |
| | carbide cutting tool | Scopus journals. |
| | | |
| | | |
| 2. | Investigation of LBMM-uEDM-Based Hybrid | 4 papers published from this project in |
| | Micromachining Technology | Springer Nature (ISI Journal) |

11. List of Developed/Executed/Supervised Research Program:

| Sl. No. | Name of the Research Program | Status of Program |
|------------|---|----------------------|
| 01. | Study on the pre-treatment process optimization of jute fabric for green environment. Supervised (ATP 2016-2017), Page: 77 | Supervised /Executed |
| 02. | Study on the effect of salt concentration during jute dyeing on Reactive dye. Developed (ATP 2016-2017), Page: 78 | Developed/Executed |
| 03. | Study on the effect of temperature on the properties of dyed fabric in stenter machine. Developed (ATP 2016-2017), Page: 80 | Developed/Executed |
| 04. | Comparative study between chemically modified jute fiber and optical brightener treated jute fiber. Supervised (ATP 2016-2017), Page: 84 | Developed/Executed |
| 05. | A study on jute Geo-textile processed with different types of low-cost chemicals and natural additives for cost minimization. Supervised (ATP 2016-2017), Page: 86 | Developed/Executed |
| 06. | Studies on the effect of pigment dye on printed jute blended fabrics and products. Developed (ATP 2020-2021), page | Developed/Executed |
| 07. | Studies on the Effect of Reactive Dye on Jute and Jute Blended Fabrics. Supervised (ATP 2020-2021), page, 140-149 | Developed/Executed |
| 08. | Economic Dyeing Process of Jute/Cotton Blended Fabrics for Apparel Use. Supervised (ATP 2020-2021), page, 124-129 | Developed/Executed |
| 09. | Studies on the Effect of Pigment and Indigo Dye on Printed Jute and Jute Blended Dyed Fabrics. Supervised (ATP 2020-2021), page, 129-139 | Developed/Executed |

$12. \ List \ of \ Supervised/Co-operation \ Bachelor \ students \ FYP \ at \ International \ Islamic \ University \ Malaysia \ from \ 2016 \ to \ 2022$

| Sl. | Title of Final Year Project | Date of | Name of Students and |
|-----|---|-----------|-------------------------|
| No. | | Exam. | ID Number |
| 1. | Measuring The Size of Nano Particles In | July 2020 | Md Muhiuddin |
| | Environmental Risk Using Electron | | Student ID-1511949 |
| | Microscope. | | |
| 2. | Powder Mixed Micro EDM and pure EDM | July 2020 | Abdul Rahman |
| | machining performance | | Student ID-1511947 |
| 3. | The Effects of Chilled Air Machining on | Feb' 2017 | Mohamad Safwan Bin Omar |
| | Unidirectional CFRP Using Solid Carbide | | Student ID- 1226491 |
| | Cutting Tool | | |
| 4. | The Effects of Dry Air Machining on | Feb' 2017 | Dinah Binti Razali |
| | Unidirectional CFRP Using Solid Carbide | | Student ID- 1223648 |
| | Cutting Tool | | |

Mir Akmam Noor Rashid

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E-mail: noorakmam@gmail.com, mir.akmam@live.iium.edu.my

ORCID ID: https://orcid.org/my-orcid?orcid=0000-0003-2802-1340

Research Gate: https://www.researchgate.net/profile/Mir_Rashid

Google Scholar: https://scholar.google.com/citations?hl=en&user=mQ2X0BwAAAAJ

Web of Science: Web of Science Researcher ID: AFG-7525-2022 Academia: https://independent.academia.edu/MirAkmamRashid