

Name of Faculty Dr. Md. Aleem Pasha
 Designation Associate Professor
 Nature of Job/Appointment Regular
 Date of Joining 20 - 10 - 2016
 E-mail Aleempasha_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Mechanical)	Awarded
PG	M.E. (CAD/CAM)	First
UG	B. Tech. (Mechanical)	Distinction

Work Experience

Teaching	14 Years (Includes Research Experience)
Research	3
Industry	--
Others	--

Area of Specialization CAD/CAM, Friction Stir Welding.

Professional Memberships --

Responsibilities held at Institution Level --

Responsibilities held at Department Level
 1. Member, Performance Assessment Committee
 2. Project Co-coordinator, Production, 2019-20 A.Y

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. EG&D, MCW, PDPP, CIM, NDTE, AE, MTE, MMFM, ERM RM (UG&PG)

No. of Papers Published National Journals – 02 International Journals – 16

National Conference – 02 International Conference – 04

Projects Carried out --

Patents "A composite material extrusion and method of manufacturing Thereof". Application No. 201741015659A, Date of filing Application: 03-05-2017, Publication Date: 12-05-2017, Invention classification: B29C

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details

1. Book Titled "Reinforced and Unreinforced Friction stir welding of Aluminium Alloy 6061" Published by PAP LAMBERT Academic Publishing, ISSN-10: 613957773X, ISSN-13: 978-6-13-9-57773-6, March, 2018.
2. Book Titled "Friction Stir Welding of Magnesium Alloy AZ31B", Published By PAP LAMBERT Academic Publishing, ISBN-13: 978-613-9-58742-1, ISBN-10: 6139587425, April, 2018.
3. Book Titled "Friction Welding of Brass and statistical Modelling", Published by PAP LAMBERT Academic Publishing, ISBN-13: 978-6139583935, ISBN 10: 6139583934, April, 2018.
4. Book Chapter "SiC and Al2O3 Reinforced Friction Stir welded joint of Aluminium Alloy 6061", book titled of Strengthening and Joining Plastic Deformation Published by Springer, ISBN 978-13-0377-7(P), ISSN 978-981--13-0378--4Published on June 06, 2018.

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. Successfully Completed "Material Science: 10 Things Every Engineer Should Know" an online non-credit course authorized by University of California, Davis and offered through Coursera on 13-04-2020.
2. Successfully Completed "Digital Manufacturing & Design" an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera on 15-04-2020
3. Successfully Completed "Ferrous Technology I" an online non-credit course authorized by Pohang University of Science and

- Technology and offered through Coursera on 16-04-2020.
4. Successfully Completed “Ferrous Technology II” an online non-credit course authorized by Pohang University of Science and Technology and offered through Coursera on 17-04-2020.
 5. Successfully Completed “Understanding Research Methods” an online non-credit course authorized by University of London and SOAS University of London and offered through Coursera on 18-04-2020.
 6. Successfully Completed “Mechanics of Materials: Fundamentals of Stress & Strain and Axial Loading” an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 20-04-2020
 7. Successfully Completed “Introduction to Engineering Mechanics” an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 30-04-2020.
 8. Successfully Completed A 12 Week NPTEL Online Certification Course on “NBA Accreditation and Teaching - Learning in Engineering (NATE) and offered through SWAYAM on Jan-Apr 2020.
 9. A One Week Online Faculty Development Program on “Recent Advances in Mechanical Engineering: A Research Perspective”, by MGIT, Hyderabad during 06-07-2020 to 10-07-2020.
 10. A One Week Online Faculty Development Program on “Advanced Materials and Manufacturing”, by KITS, Wrangal during 29-06-2020 to 03-07-2020
 11. A One Week Online Faculty Development Program on “Advancements in Manufacturing and Optimization Techniques” (AMOT-2020), by Jayamukhi Institute of Technological Sciences, Narsampet during 22-06-2020 to 26-06-2020.
 12. A One Week Online Faculty Development Program on “Design Services in Advanced Manufacturing” by Mahaveer Institute of Science & Technology, Hyderabad during 22-06-2020 to 27-06-2020.
 13. Organized A One Week Online Faculty Development Program on “Industry 4.0 – A Vision of Design and Manufacturing” by CBIT (A), Hyderabad during 16-06-2020 to 20-06-2020.
 14. A one Week STTP on “MATLAB for ALL” by Sir M Visvesvaraya Institute of Technology, Bangalore during 04-06-2020 to 08-06-2020.
 15. A One Week Online Faculty Development Program on “Outcome Based Education and NBA Accreditation Process – (UG)” by CBIT, Hyderabad during 28-05-2020 to 01-06-2020
 16. A One Week Online AICTE Recognized Faculty Development Program on “Computer Integrated Manufacturing & CNC (CIM/CNC)” by NITTTR, Chandigarh during 25.05.2020 to 29.05.2020.
 17. A One Week Online Faculty Awareness Program on “Research Methodology” by Rajgad Dnyanpeeth’s Shri Chhatrapati Shivajiraje College of Engineering, Pune, during 20-05-2020 to 25-05-2020.
 18. A one Week STTP on “MATLAB based Teaching -Learning in Mathematics, Science& Engineering” by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTtech Systems Pvt. Ltd during 18-05-2020 to 22-05-2020
 19. 3 days of video lectures and hands on work on Effective and Efficient Online Teaching in the Age of Corona, A hands on Workshop” by IIT Bombay, on 16- 05- 2020.
 20. A One Week Online Faculty Development Program on “Outcome Based Education: A step Towards Excellence” by Government College of Engineering, Karad, during 11-05-2020 to 15-05-2020.
 21. A One Week Online “NAAC Awareness Program for Faculty” by Marathwada Mitramandal’s Institute of Technology (MMIT), Lohgaon, Pune during 08-05-2020 to 14-05-2020.
 22. A One Week Faculty Development Program on “Transforming into better performers” by ITC, CBIT, Hyderabad during 27-11-2017 to 01-12-2017.
 23. A One Week Faculty Development Program on “Meeting the Challenges of Teacher in Modern Engineering Education ” by ITC, CBIT, Hyderabad during 12-06 -2017 to 17- 06 - 2017
 24. A One Week Faculty Development Program on “Finite Element Applications in Mechanical and Civil Engineering (FEAMCE-2017)” by CBIT, Hyderabad during 23-01-2017 to 28-01-2017.

International/ National Journals from the Year 2017

1. Dr. Md. Aleem Pasha, T.N.Aditya, A.Chandranth, Dr. Manowar Hussain, “Evaluation of Optimum Input Process Parameters and Theoretical Optimum Response Parameters of FDM”, Alochana

- Chakra Journal, ISSN No. 2231-3990, Vol. 9, Issue 5, May 2020, pp. 6234-6240
2. T.N.Aditya, Dr. Md. Aleem Pasha, A.Chandrankanth, Dr. Manowar Hussain, "Evaluation of Tensile strength of Friction Stir Processed Al6063 with SiC reinforcement", Alochana Chakra Journal, ISSN No. 2231-3990, Vol. 9, Issue 5, May 2020, pp. 7324- 7332.
 3. A.Chandrankanth, T.N.Aditya, Dr. Md. Aleem Pasha, "A Study on effect of Process Parameters on Abrasive Water et Machining", Alochana Chakra Journal, ISSN No. 2231-3990, Vol. 9, Issue 5, May 2020, pp. 8499-8504.
 4. Dr. Md. Aleem Pasha, R. Siva Rama Krishna, "Optimization of Process Parameters of Friction Stir Processing on Aluminium Alloy 7075", International Journal of research in Advent Technology, ISSN No. 2321-9637, special issue, March 2019, pp. 192-198.
 5. Md. Aleem Pasha, P. Ravinder Reddy, "Numerical Analysis of Sic Reinforced And Unreinforced Friction Stir Welding of AA6061", International Journal of mechanical production Engineering (IJMPE), Vol.6, Issue-1, pp. 62-65, January 2018, UGC Approved No. 62477 ISSN (p): 2320-2092, ISSN(e): 2321-2071, Impact Factor 4.022
 6. Dr. Md. Aleem Pasha, Dr. P. Ravinder Reddy, Dr. P. Laxminarayana, "Finite Element Analysis of SiC Reinforced and Unreinforced Friction Stir Welding of Mg Alloy AZ31B", International Journal of Engineering Technology Science & Research (IJETSR), Vol. 5, Issue 3, pp.1290-1297, March 2018, UGC Approved No. 44431, ISSN 2394 – 3386, Impact Factor 2.120.
 7. Md. Aleem Pasha, Dr. P. Ravinder Reddy, Dr. P. Laxminarayana, Dr. Ishtiaq Ahmad Khan, "The effects of SiC particle addition as reinforcement in the weld zone during friction stir welding of magnesium alloy AZ31B", IRA-International Journal of Technology and Engineering, Vol.3, Issue 3, ISSN No. 2455-4480,une 2016, pp. 154-163.

International /National Conferences from the Year 2017

1. Dr. Md. Aleem Pasha, Dr. P. Ravinder Reddy (2019), "Optimization of Process Parameters for Fused Deposition Modelling (FDM) Process" International Conference on Advances in Minerals, Metals, Mterials, Manufacturing and Modelling (ICAM⁵), Organized by NIT Warangal, on 25th to 27th September 2019.
2. Dr. Md. Aleem Pasha, R.Siva Rama Krishna (2019) "Optimization of Process Parameters of Friction Stir Processing on Aluminium Alloy 7075", National Conference on Recent trends and Innovations in Mechanical Engineering (RTIME-2K19), Organized by Nalla Narsimha Reddy Educational Societies Group of Institutions, 15th -16th March 2019
3. Dr. Md. Aleem Pasha, Dr. P. Ravinder Reddy, Dr. P. Laxminarayana, Dr. Ishtiaq Ahmad Khan (2018), "Finite Element Analysis of SiC Reinforced and Unreinforced Friction Stir Welding of Mg Alloy AZ31B", " International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018), 25th March, 2018, ISBN 978-93-87433-18-2, Organized by Osmania University.
4. March 2013