CURRICULUM VITAE

Dr. Mohammed Yousuf Khan

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Vision: *To ensure the enrollment of unreached youth of the nation into the main stream of education and also to move the youth from the internet engulfed paradigm to healthy, ethical and moral Education.*

Education Qualifications:

Qualifying Examination	Specialization	College/ School	University/ Board	Month & Year of Passing with Division	Aggregate Percentage	Other Remarks
Ph. D	Electronics and Communication Engineering (Wireless Communication)	---	Jawaharlal Nehru Technological University	Sept 2011	---	---
M. Tech.	Digital System & Computer Electronics	---	Jawaharlal Nehru Technological University	July 2004 Distinction	73%	Secured Distinction
B.E.	Instrumentation Engineering	Deccan College of Engineering & Technology	Osmania University	May 1998 Distinction	74%	Secured First (1st) Rank in Osmania University
Intermediate	MPC	St. Mary's Junior College	Board of Intermediate Education	1993 1st Division	68%	---
SSC	--	Little Flower High School	Board of Secondary Education	1989 1st Division	73%	---

Professional Experience:

University/College/Institutions	Academic Positions Held	Date Of Joining	Duration
Maulana Azad National Urdu University, Hyderabad.	Principal Polytechnic, Hyderabad	16/02/2009	Till date
Muffakham Jah College of Engineering & Technology, Osmania University.	Associate Professor	1/02/2005	15/02/2009 (4 Years)
Muffakham Jah College of Engineering & Technology, Osmania University.	Assistant professor	30/08/1999	31/01/2005 (5 Years, 5 Months)

Positions held:

S.No.	Position	Joining Date	Relieving Date
1	Honorary Co-ordinator – For preparation of subject text books in Urdu for all Diploma Programs in Engineering offered by MANUU Polytechnics	4th October 2021	--
2	Chairman – Committee for the AICTE-CII & Industry MOUs	19th August 2021	--
3	Member – Committee to address the representation of MEWA(non teaching staff) for amendment in the existing Recruitment Rules	8th March 2021	--
4	Member – School Board – School of Technology - MANUU	19th August 2020	19th August 2023
5	Nodal Officer – Academic Outcomes (Under the direction of UGC & Ministry (MHRD) for each Program of Action)	29th July 2020	Till date
6	Joint Proctor	01st March 2018	15th July 2021
7	Incharge Training & Placement cell	19th April 2018	Till date
8	Incharge Civil Service Academy, residential coaching academy	20th October 2017	12th January 2018
9	Incharge of Industrial Training Institute (ITI/VTC) Hyderabad	16th February 2009	26th August 2016

10	University Cultural Coordinator	19th October 2012	31st December 2019
11(a)	Internal Quality Assessment Committee (IQAC) Member	2015	2017
11(b)	Internal Quality Assessment Committee (IQAC) Member	2018	Till date
12	President MANUU cricket club	23rd April 2016	2018
13	Central Admission Committee Member	28th April 2016	Till date
14	Centralized Hostel Admission Committee Member	10th June 2016	Till date
15	Student Grievance Re-dressal Committee Member	14th June 2016	Till date
16	Re-constitution of Building committee member	15th July 2016	Till date
17	Azad day celebrations 2017 committee member	5th October 2017	11th November 2017
18	Student union advisory body member	17th October 2016	Till date
19	Special invitee for MANUU Academic Council	27th October 2016	Till date
20	Constitution Of Crisis Management And Health Care Committee	09th November 2016	26th December 2016
21	Constitution of advisory body for POCSO e-button	06th December 2016	Till date
22	Co-ordinator of MANUU ITI's and Polytechnics	27th April 2009	31st December 2013
23	Member of re- constitution of event management committee.	12th August 2010	Till date
24	Member- convener of sports and games committee Reconstituted- sports and games committee	24th November 2010 10th March 2021	24th November 2012 10th March 2022
25	Appointed as Deputy Proctor	24th August 2011	24th August 2013
26	Member of sports and games committee	22th August 2012	Till date
27	Member of Central Admission Monitoring And Review Committee.	07th May 2013	07th May 2014
28	Convener of Fifth Convocation Of Emergency & Health Care Committee.	01st August 2013	24th August 2013
29	Member of Academic Council.	07th August 2013	07th August 2016

30	President of MANUU Teacher's Association	01st August 2014	01st August 2015
31	AICTE, New Delhi Expert member	01st January 2013	Till date
32	Convener of Fifth convocation of Emergency & Health care committee.	10th December 2014	27th December 2014
33	Member of committee to coordinate collaboration with industries.	24th February 2015	30th July 2016
34	Member of Central Admission Monitoring and review committee	24th February 2015	Until further orders
35	Member of Innovation Club	18th March 2015	Till date
36	Member of Governing Council, Aurora's Scientific, Technological and Research Academy. Bandlaguda, Hyderabad.	25th March 2015 to 25th March 2017 1st August 2021	1st August 2023
37	Member of committee to look into CAS matters and other service conditions of MANUU Polytechnics	06th November 2015	Till date
38	Member of Unnat Bharat Abhiyan cell, MHRD, Government Of India, Initiative	18th November 2015	Till date

Workshops / Conferences / Seminars / Training Programmes (Organized / Attended):

Recently Organized:

S.No.	Name of the Program	Program Dates	Responsibility
1	5 Days ONLINE – AICTE Sponsored ATAL FDP - **Augmented Reality & Virtual Reality**	9-13th August 2021	Principal
2	5 Days ONLINE – AICTE Sponsored ATAL FDP – **Construction Technology**	23rd - 27th Nov 2020	Coordinator
3	5 Days ONLINE – AICTE Sponsored ATAL FDP – **Stress Management**	2nd - 6th Nov 2020	Coordinator
4	**AZAD TEK FEST 2020**- MANUU POLYTECHNIC HYDERABAD	24th & 25th Feb 2020	Principal
5	5 Days – AICTE Sponsored ATAL FDP – **Artificial Intelligence**	16-20th Dec 2019	Director
6	**Maulana Azad day celebrations - 2018(National Education Day)**	8-15th November 2018 (5 days)	Member
7	"Carrier counseling for joining in Indian Armed Forces"	28th November 2018	Coordinator

8	A 3 day **"Data Science Workshop''** by M/s Data Jango in coordination with Training & Placement Cell and IQAC MANUU	4-6th October 2018 (Three days)	Convener
9	SWACHHTA PAKHWADA (Cleanliness Drive) at MANUU. An initiative by Ministry of Human Resource Development	1-15th September 2018 (15 days)	Member
10	**English communication skills :** Deputation of English Fellow Ms Robin V Cathey for one academic year 2018-19 by US Consulate Hyderabad for training UG and PG students of Maulana Azad National Urdu University	September 2018 to Till date)	Coordinator
11	**Madrasa English Teacher Training Program** by "Word Learning" and US Consulate Hyderabad in coordination with Maulana Azad National Urdu University	16-17th August 2018 (Two days)	Coordinator
12	National Conference on Employment demand in new India- A Policy Perspective	7th & 8th March 2018	Coordinator
13	**Madrasa English Language Teacher Training Program** "Word Learning" and US Consulate Hyderabad in coordination with Maulana Azad National Urdu University	22-27th January 2018 (Six days)	Coordinator
14	Conference on '**Transforming Public Libraries in India'**	18-19 Jan 2018	Coordinator
15	Conference on '**Understanding Equal Opportunity- Concepts and Practice'**	16th of January 2018	Coordinator
16	"**Education to Entrepreneurship**" organized my US Consulate General Hyderabad, MANUU in partnership with The Indus Entrepreneurs, Hyderabad	27th October 2017	Coordinator
17	Vision of Maulana Azad and Nation Building a two day National Seminar conducted by Maulana Azad Chair, Civil Service Examination Academy Equal Opportunity Cell and Training and Placement cell , MANUU	7th to 8th December 2018	Coordinator
18	National Conference on '**Understanding Civil Services in the present era'**	24th October 2017	Coordinator
19	"**Certificate Course in Book Publishing**" organized by National Book Trust, India and MANUU	4th to 11th October 2017	Coordinator

Recently Attended:

S.No.	Name of the Program	Program dates
1	Attended **"TCS Ion Skill Tech '21"** at Hitech city, Hyderabad	9th Nov 2021
2	**Selected as MASTER TRAINER – In ONLINE / OFFLINE** **UK India Education Research Initiative (UKIERI) Leadership Development Program** conducted by AICTE, New Delhi, India	Three workshops (October 2021 to March 2022)
3	Selected by **AICTE, New Delhi to participate in UKIERI (United Kingdom-India Education Research Initiative)** at U.K.	14th to 20th October 2019
4	Represented India in **SUSI (Study of United States Institutes of Scholars for "Youth, Workforce Development and closing the skills gap"** conducted by Department of State, U.S.A	2nd July to 13th August 2019
5	**UK India Education Research Initiative (UKIERI) Leadership Development Program** conducted by AICTE, New Delhi, India	2018-19(In three phases) 13 – 16 Nov 2018, 20-23 Feb 2019,11-13 June 2019
6	**One day training program on "Right to Information Act, 2005"** organized by the office of Central public Information Officer in coordination with UGC-Human Resource Development Centre, MANUU	9th November 2018
7	**One day National Workshop on Government-e-Marketplace(GeM)** by Ministry of Human Resource Development at AICTE, New Delhi	9th October 2018
8	**Management Development Program on Public Procurement** conducted by National Institute of Financial Management, Faridabad, Haryana, India	30th July to 4th August 2018
9	**Academic Leadership Training Program** by UGC-Human Resource Development Centre, MANUU	23-28th April 2018
10	**Australia-India Vocational Educational Leadership Training (VELT) Program 2016/17-TAFE Directors** conducted by AICTE, New Delhi, India	2016-2017 (2 Phases) 21-23 Nov 2016, 5-7April 2017
12	**International Conference on "Recent Innovations in Engineering and Technology"** by Aurora's Scientific Technology & Research Academy, Hyderabad as Session's Chair for Electronics and Communication Engineering and Electrical Electronics Engineering	21-22nd December 2017

List of Papers Published:

S.No.	Name	Details
1	**Fast Computation of partial DFT for comb spectrum Evaluation**	2006, IEEE Signal Processing lettersVol.13,No.12 December,2006 ISSN-1070-9908
2	**Energy Efficient Mass Street Lighting System**	2011,IJETED ISSN-2249-6149
3	**Minimizing the Overhead in the Terminodes routing Protocols in Mobile Ad-Hoc Networks**	2012, IJCSN ISSN-2277-5420
4	**Tennis Elbow: lateral Epicondylitis**	2012, IJHPECSS ISSN-2231-3265
5	**Delayed Onset Muscle Soreness**	2012, AJPECSS ISSN-0975-7732
6	**Sports persons performance upto Adroit through technology**	2012, IJHPECSS ISSN-2231-3265
7	**"Privacy preservation through Anomynization in real time data"** in WARSE(World Academy of Research in Science & Engineering) in Lords Institute of Engineering & Technology	January 7- to 8, 2013
8	**"Social Interaction in computer supported collaborative learning Environments "** in IDEA-2013 at MANUU	April 5- to 7, 2013
9	**A new Radix-4FFT Algorithm**	2013, IJARET ISSN-0976-6480(Print) ISSN-0976-6499(Online)
10	**4G Wireless Communication as an Emerging Revolutionary Technology**	2014, IJESRT ISSN-2277-9655
11	**Image Enhancement and Hardware Implementation of Edge Detected Vascular Images using Simulink Model**	2014, IJARCCE ISSN-2277-9655
12	**"User Navigational Patterns for web personalization and recommendation"** in 5th National Conference on	April 11 - 12, 2016.

	Emerging & Innovative Trends in Computer Science (NCEITCS-2016) in Vasavi College of Engineering (Autonomous), Hyderabad, TS.	
13	**"MOOC– A Digital India's Perspective"** in International Conference On Developing Thinking and Learning with ICT Changing education for future needs in Osmania University, Hyderabad.	May 29-30, 2016
14	**"VLSI signal Processing"** 2nd International Conference on Microelectronics, Computing & Communication Systems (MCCS2017) at ARTTC BSNL Ranchi-835217 Jharkhand, India	13th to 14th May 2017
15	**Role of ICT in student Engagement and motivation- International Multidisciplinary Conference on Education for Future: Issues and Challenges by Department of Education** , Osmania University	8th to 9th July 2017
16	**"Big Data Trends: In-Memory Analytics"** National Conference on Recent Trends in Big Data Analytics and Cloud Computing in VJIT Hyderabad,	January 4-5, 2017
17	**"Performance Evaluation of Computational Applications on Multi-Core High Performance Parallel Cluster"** in Two-Day National Conference on Emerging Trends and Issues in Information Technology & Communication in School of Computer Science & Information Technology Maulana Azad National Urdu University	17th -18th March 2018
18	**High Resolution Fuel Indicating and Tracking System**, Micro System Technologies, Micro and Nano Systems Information Storage and Processing Systems ISSN: 0946-7076(Print), 1432-1858(Online), **Springer-Verlag** Berlin, Heidelberg	1st June 2019
19	**"Neighbour Node Intimacy (Nzi) for Trust Management in WSN"** Elsevier proceedings	14th November 2020

20	**"Application of Deep Learning Algorithm in Hydrometry"** **Accepted for publication** in International Journal of Hydrology Science and Technology. IJHST-85935	16th Oct 2021

PATENTS:

S. No	Title of the patent filed & Published	Indian & Australian Patent Numbers	Published in the year
1	Mileage Measurement And Fuel Forecast System with Fuel Tracking provision and a method Thereof	201741035875A	17/08/2018
2	An Artificial Intelligence Based System to Identify the medical condition prior to Doctor Consultation	2020103509	18-11-2020

CHAPTER:

S. No	Name of Chapter/Book Title	Copy right year & holder name
1	Computation of Discrete Fourier Transform (FFT) : A Review article Proceedings of the second International conference on Microelectronics, Computing & Communications systems(MCCS- 2017)	2019 Springer Nature Singapore Pte Ltd

International/ National Publications: 19 Numbers

Area of Research   :   Signal Processing in Communication, Sensor Networks, Artificial Intelligence, Wireless Communications and Networks

Awards   :   Secured First Rank in Bachelor of Engineering from Osmania University (1998)

Achievements:

> Secured 1st Rank in Bachelor of Engineering (B.E.), Instrumentation Engineering from Osmania University, Hyderabad

> Received Gold Medals from Deccan College of Engineering and Technology and Madina Education Society for securing 1st Rank in B.E.

> Represented MANUU (Innovation Cell member) at Rashtrapati Bhavan, New Delhi on 19 March 2018 and exhibited MANUU Innovation cell details and my patented work.

> **Patent:** Mileage measurement and fuel forecast system with fuel tracking provision and a method thereof got published on 17th August 2018 in the official journal of the Patent office (India).

> **Cited for US Patent**: My IEEE Signal processing letter "Fast Computation of Partial

DFT for Comb Spectrum Evaluation" is cited for US Patent and the complete paper is also published as a chapter consisting of 10 pages in Springer Nature Singapore Pte Ltd.

- ➢ Selected by **AICTE, New Delhi to participate in UKIERI (United Kingdom-India Education Research Initiative)** at U.K. from 14th to 20th October 2019.
- ➢ Represented India in **SUSI (Study of United States Institutes of Scholars for "Youth, Workforce Development and closing the skills gap"** conducted by Department of State, U.S.A from 2nd July to 13th August 2019.
- ➢ Attended India - Australia, **Vocational Education Leadership Training Program (VELT)** at New Delhi in the year 2016 & 2017.
- ➢ As a Coordinator of Maulana Azad National Urdu University (MANUU) Polytechnics' Upgradation and **CBCS (choice based credit system) pattern syllabus** committee, played a vital role for the Upgradation of MANUU Polytechnics syllabus and switching to CBCS pattern. CBCS pattern is student centric and gives flexibility to students to select the subjects of their choice.
MANUU polytechnics are the first in India to implement CBCS pattern syllabus from 2017 onwards.
- ➢ Organized **"Wheebox Employability Skills Test"** for the Students of MANUU which is jointly endorsed by Confederation of Indian Industry (CII) and Association of Indian Universities (AIU) in the month of October 2018.
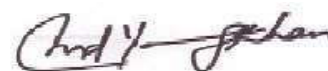
Membership of Academic Bodies :

1) **IEEE** (Institute *of Electrical and Electronics Engineers*)
2) **MIE** (The Institution of Engineers, India)
3) **ISA** (The Instrumentation, Systems and Automation Society)
4) **ISTE** (Indian Society for Technical Education)
5) **IFCSS** (Indian Federation of Computer Science in Sports)
6) **IAETSD** (Scientific Council Member of "International Association of Engineering and Technology for Skill Development'')

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Date: 04/03/2022

Place: Hyderabad

Signature