

## Dr Mohd Amin Malik

Designation : Associate Professor

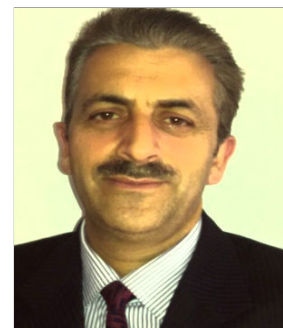
Subject : Physics

Area of Specialization : Electronics and Signal Processing

College : AAAM Govt Degree College Bemina Srinagar

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### Summary

I have a total of 21 years teaching experience, (12 years after obtaining PhD) at undergraduate level. I have published 23 research papers in various peer reviewed Journals of national and international repute and 06 research papers in Conferences. I have attended and organized various conferences and seminars and presented papers. In 2014, (9<sup>th</sup>-10 June) I organized a 2-day National Seminar on “**towards new horizons with interplay between physics and computer science**” at Govt Amar Singh College Srinagar. The seminar was spread over five technical sessions which were preceded by the lead lectures by eminent scientists of the country. Besides, I have attended various workshops, faculty development programs and trainings.

I have served at various institutions during my teaching career and I have always been friendly with the students. I have been conducting my teaching classes both Laboratory courses and theory in a very serious and satisfactory manner and I have always received a positive feedback from students. I take advantage of traditional lecture method and use all possible tools including power point presentations, animations, Smart Board/whiteboard in the classroom. While conducting practicals in the Laboratory, I make use of different softwares for simulations, plotting graphs and calculations and make the students feel energized with animations of the experiment before they physically touch the instruments. In addition to teaching & research, I have been contributing actively to the development of my Deptt and the institution. While working at different institutions I have gained considerable experience in curriculum development, assessment & accreditation activities, collaborations, organizing seminars and other co-academic activities.

Apart from this, I have been writing/written articles on Science, Education and Technology in leading English dailies like “Greater Kashmir”, “Rising Kashmir” “Daily Excelsior” “the Hindu”.

### Awards and Achievements

#### Teaching/Research Experiences:

- Associate Professor at the Deptt of Physics, AAAM Govt Degree College Bemina Srinagar (March 2017 – till date)
- Associate Professor at the Deptt of Physics, Postgraduate Amar Singh College, Srinagar J&K (Oct 2010 – August 2016)
- Reader/ Selection Grade Lecturer, at the Deptt of Physics, Postgraduate Amar Singh College, Srinagar J&K (Oct 2007- Oct 2010)
- Senior Lecturer at the Deptt of Physics, Postgraduate Amar Singh College, & Islamia College Srinagar J&K (Oct 2002- Oct 2007)
- Lecturer at the Deptt of Physics, Govt College Baramulla & Sopore J&K (Oct 1996 - Oct 2002)

- PhD Scholar, University of Kashmir, at the Department of Electronics and instrumentation technology, University of Kashmir J&K (**March 2002-Sep-2005**)

### **Educational Qualifications:**

- Ph.D. (Department of Physics); **2005**  
**University of Kashmir** (NAAC Accredited "A" grade University), Srinagar, J&K, India
- M.Sc. Physics (Department of Physics); **1992**  
**University of Kashmir** (NAAC Accredited "A" grade University), Srinagar, J&K, India
- B.Sc.; **1987**  
**University of Kashmir** (NAAC Accredited "A" grade University), Srinagar, J&K, India
- Have completed various Diploma/short courses (2+ years in total) in Computer programming-- BASIC, COBOL, FORTRAN, C, C++ Programming, EWB, Pspice, Windows applications, Microsoft office applications, Internet Applications, DOS, Windows & Handling Computer Hardware

### **Faculty Development Programs Attended:**

1. Attended 04 weeks General Orientation course in Kashmir University from 10-Oct to 08-Nov 2000.
2. Attended 03 weeks Refresher course in Physics at Jammu University, from 22- Oct to 11-Nov 11-2001.
3. Attended 03 weeks Refresher course in Physics Jammu University from 14-Feb to 04-March 2006.
4. Attended 03 weeks Refresher course in Physics Jammu University, from 03-Jan to 23-Jan 2008.
5. Attended 03 weeks Capacity Building Program on Multimedia and E-content Development UGC, conducted at Govt. Degree College Baramulla J&K, from 04 April to 27-April 2006.
6. Attended 03-day workshop on "Residential Breakthrough Facilitation Program" at TRC Srinagar J&K from 02-july-2011 to 04-july-2011, Conducted by Higher education Deptt J&K Govt.

### **Other Academic Achievements:**

1. Has been recognized as co-supervisor for guiding MPhil/PhD scholars in the Board of Research Studies in Science since July 2006, by the University of Kashmir.
2. Remained an evaluator/reviewer of Indian journal of Pure and Applied Physics.
3. Member at the Board of studies at Kashmir University for forming the curriculum / syllabus for undergraduate classes.
4. As Head Deptt of Physics, was given the assignment of compiling & Recommending the laboratory equipments (physics) required for all the Colleges of Kashmir Division by the Divisional Level Purchase Committee (DLPC) and I compiled the list and submitted it in the required time frame to the concerned authorities.
5. Joined as Lecturer in the Higher Education Department J&K Govt on 24 Oct 1996 after qualifying the screening test and topped the list of 10 candidates selected by the State Public Service Commission.
6. Awarded Pratibha Samman 2016 as Educationalist at SKICC Srinagar on 05-12-2016 by the Sikshya Barta (a leading weekly educational Newspaper)

### **Co-Academic Activities:**

- Has remained Head of the Department of Physics at various Colleges where served.
- Coordinator of Universities Examinations.
- Conducted Board and state Public Service Exams.
- As member of Service Selection Recruitment Board (SSRB) J&K Govt, India, Conducted various interviews for various state level Govt jobs/posts in 2016.
- Has been Convener of various committees like Development Committee, Sports, Edusat (education satellite India), NAAC etc.

### Significance of my Contribution during PhD:

I pursued my Ph. D program under the guidance of Lt Prof. Dr. Nisar Ahmad Shah, Head & Dean, Postgraduate Department of Electronics & Instrumentation Technology University of Kashmir. Most of my research work was carried at the Department of Electronics and Instrumentation Technology. In my thesis I presented variety of Current and Voltage mode filters having single input single-output, single-input multi-output, multi-input single-output, and multi-input-multi-output with attractive features like high output impedances and low input impedances. There are varieties of voltage mode filters using FTFN, further extending the realization of CFAs; OTAs etc. The findings are extremely useful in realizing these filters in VLSI implementation. I have been appreciated by the Thesis Evaluators for substantial contribution of research and lauded the way I have presented the subject matter in my thesis.

### Workshops, Seminars, Symposia and Conferences attended

#### Conferences & Seminars Attended:

1. Attended a 02-day Seminar on “**Advances in Soft Computing**” organized by Deptt of Electronics and Instrumentation Technology, University of Kashmir Hazratbal Srinagar, on 07-08 Oct 2005 at University of Kashmir Hazratbal, J&K.
2. Attended 01-day Seminar on “**Silicon on Insular Technology**”, at the Deptt of Electronics NIIT, on Nov 2007 organized by Deptt of Electronics NIIT Hazratbal Srinagar J&K.
3. Attended 01-day “**State Level Quality Assurance Coordination Committee**” NAAC Sponsored, awareness program for assessment and accreditation, on 20 July -2007 conducted by Higher education Deptt & Women’s College, M A Road, Srinagar J&K.
4. Attended a 02-day State level workshop on “**Quality Assurance in Higher Education in J&K**” 2008 at A S College Srinagar, on 30-31st March 2008 conducted by Amar Singh College, Srinagar J&K.
5. Attended a 2-day international conference on “**regional Development, Sustainability and socio-economic Development in Jammu & Kashmir**” on 5<sup>th</sup>-6<sup>th</sup> June ,2013, supported by Indian council for social science research (ICSSR),New Delhi, organized by Amar Singh College, Srinagar & Deptt of Geography & regional development, university of Kashmir J&K.
6. *Attended 07-days National workshop on “**Mathematica and related software**” from 02 March to 07 March—2014 at J&K Institute of Mathematical Sciences, Amar Singh College campus, Srinagar.*
7. Delivered a Lecture during Digital India Week program, on “the use of Information and Communication Technology (ICT) in Education” using animations, simulations, models, 3D images etc at Amar Singh College, Srinagar on 03-07--2015.
8. Organized a lecture on Quantum Gravity, Parallel Universe and Universe beyond space and time, delivered by **Dr Mir Faizal**, Canada based a reputed scientist at Amar Singh College on dated 09-04-2016.
9. Organized a lecture on “World of Galaxies” by **Dr Harinder Kour Jassal** of the Deptt of Physics, the Indian Institutes of Science Education & Research (IISERs) Mohali, at Amar Singh College, on 09-05-2016. This lecture was on the sidelines of the Annual meeting of Astronomical Society

of India (ASC) in Srinagar 2016.

10. Attended 2-day workshop on “Introduction to Robotics” on 25-26 April 2016 at Islamic University of Science and Technology conducted by Indian Institute of Technology Bombay under e-yantra project.
11. As part of the committee organized National Science Day In collaboration with Science congress (Kashmir chapter) at GDC Sopore (boys), 28 Feb 2017, delivered a lecture on the importance of National Science day and on its theme “**Science and technology for specially-abled persons**”

### Papers presented in Seminars/Conferences: (general)

1. Presented a paper in 02-days National level Conference on quality teacher Education--**Need for implementation of innovation**” on 12 May 2010 at Govt College of Education M A Road Srinagar entitled as “The role of ICT in Teacher Education” using Power Point presentation and animations conducted by College of education, M A Road
2. Attended a 02-day UGC sponsored National Level Seminar at Govt. College of Education Srinagar on “**Sustenance of Quality in higher Education-Some Initiatives**” on 21st & 22nd March 2011. Presented a paper on “**Qualitative Science Learning In Higher Education**” organized by College of education, M A Road, Srinagar.
3. Organized 01-day state level seminar on “**Right to Information**” on 4<sup>th</sup> May 2013—and presented a paper— on “**RTI Act An Overview**” at Amar Singh College, Srinagar in collaboration with GDC Viloo Larnoo Anantnag J&K.
4. Attended 01-day national seminar on “Faculty Development in Higher Education” on 18-Sep 2013, presented a paper— on “ **ICTs and teachers professional development**”, organized by Amar Singh College Srinagar, & GDC Viloo Larnoo Anantnag.
5. As Head Deptt, of Physics at Amar Singh College, Srinagar- Organized a two day National Seminar on “ **towards new horizons with interplay between physics and computer science**” on 9<sup>th</sup>-10 June 2014. Presented a paper on “**advances in quantum computing- an overview**” at, Amar Singh College Srinagar J&K.

### Research Publications

#### Research Publications (Peer Reviewed Referred Journals)

##### International Journals:

1. **N A Shah and M A Malik**, “A Novel FTFN Based Universal Cascadable CM Biquad Filter.” *Frequenz*, Journal of RF Engineering and Telecommunications, vol. 57, pp.167-169, 2003. (BERLIN Germany), *Corresponding author N A Shah*, (BERLIN, GERMANY), Bimonthly ISSN: 0016-1136, **2014/ 2015 Impact Factor 0.393**.
2. **N A Shah and M A Malik**, “FTFN Based High Input Impedance VM Multifunction Filters.” *Frequenz*, Journal of RF Engineering and Telecommunications, vol. 58, pp.46-47, 2004. (BERLIN Germany)- *Corresponding author N A Shah*: Bimonthly ISSN: 0016-1136, **2014/ 2015 Impact Factor 0.393**.
3. **N A Shah and M A Malik**, “High Impedance Voltage-and Current-mode Multifunction Filters”, *International Journal of Electronics & Communications (AEU)*, vol. 59, pp.262-266, Issue 4, 2005. (Germany). AEU - International Journal of Electronics and Communications; (*Elsevier*) ISSN: 1434-8411, **Impact Factor 0.70**.
4. **N A Shah and M A Malik**, “Implementation of High Input Impedance Multifunction Filter Using FTFNs.” *Journal of Active and Passive Electronic Devices*, vol.1, No 1, 2005. (USA), (OCP Science) *Corresponding author Mohd Amin Malik*, ISSN: 1555-0281 (print), ISSN: 1555-029X (online).

5. **N A Shah and M A Malik**, "Voltage-mode multifunction filter using FTFNs." *Active and Passive Elec. Comp.*, vol.00 pp. 1–5, 2004. (USA), (Taylor & Francis), *Corresponding author Mohd Amin Malik*, ISSN 0882-7516 print; ISSN 1563-5031 online.
6. **N A Shah and M A Malik**, "Voltage/Current-Mode Universal Filter Using FTFN and CFA." *Analog Integrated Circuits and Signal Processing* 45(2):197-203, vol.43, pp.1-7, 2005. (USA, JAPAN), (Springer), *Corresponding author Mohd Amin Malik*, ISSN: 0925-1030, **Impact Factor 0.41**.
7. **N A Shah and M A Malik**, "New High Input Impedance Voltage-Mode Lowpass, Bandpass and Highpass Filter Using Current Feedback Amplifiers." *Journal of Circuits Systems and Computers* (JCSC), vol. 14, No. 6, 2005, pp.1037–1043, (WORLD SCIENTIFIC) SINGAPORE, *Corresponding author Mohd Amin Malik*, Bimonthly ISSN: 0218-1266, Impact Factor: 0.33.
8. **N A Shah and M A Malik**, "Multifunction Filter Using Current Feedback Amplifiers." *Frequenz, Journal of RF Engineering and Telecommunications* (Germany) vol.59, pp.264-267, 2005. (BERLIN Germany) *Corresponding author Mohd Amin Malik*, (BERLIN, GERMANY), Bimonthly, ISSN: 0016-1136, Impact per Paper (SNIP) 0.349.
9. **N A Shah and M A Malik**, "Multifunction Mixed-Mode Filter Using FTFNs." *Analog Integrated Circuits and Signal Processing*, June 2006, Volume 47, [Issue 3](#), pp 339-343, (USA,JAPAN), (Springer), *Corresponding author Mohd Amin Malik* ISSN: 0925-1030 (Print) 1573-1979 (Online), Impact Factor : 0.41.
10. **M A Malik and C. Bhavnaish** "Voltage-mode SITO multifunction filter using only two FTFNS. *Journal of Electrical and electronics engineering (IU-JEEE)*, Istanbul University, vol. 9, no. 2, pp.1109-1114, 2009. *Corresponding author Mohd Amin Malik*. ISSN; 1303-0914.
11. **Mohd Amin Malik** "Current/Voltage-Mode Universal Filter Using FTFNs" *Journal of the Franklin Institute*, vol. 347, pp.523–532, 2010. *Corresponding author Mohd Amin Malik*, (Elsevier), (ISSN [0016-0032](#)), 5-Year, **Impact Factor: 2.396**.
12. **C. Bhavnaish and Malik M A**, Biological-Activity Predictions, Crystallographic Comparison and Role of Packing Interactions in Androstane Derivatives of Steroids. *Journal of Chemical Crystallography*, (Springer) vol. 41, no 3, pp.255-275, 2011, (ISSN **1074-1542**), **Impact Factor: 0.60**
13. **Mohd Amin Malik and Bavnaish Chand** "Current/Voltage-Mode Biquad with a Minimum Number of Active and Passive Elements" *Journal of Active and Passive Electronic Devices*, USA, (OCP Science), vol. 7, no. 1-2, pp. 169-178, 2012. *Corresponding author Mohd Amin Malik* (ISSN: 1555-029X)

#### National Journals:

14. **N A Shah and M A Malik**, "FTFN Based Universal VM filter." *Indian Journal of Pure and Applied Physics*, vol. 41, pp.814-816, 2003. **0019-5596 (Print)**, Journal ISSN: 0019-5596, **ISSN: 0975-1041 (Online)**; *Impact Factor* of IJPAP is 0.711.
15. **N A Shah and M A Malik**, "High Input Impedance HP, BP and LP Filters Using FTFNs." *Indian Journal of Pure and Applied Physics*, vol. 41, pp.967-969, 2003. *Corresponding author N A Shah*, *Impact Factor of IJPAP is 0.711* (JCR 2013).
16. **N A Shah and M A Malik**, "Three-Input One-Output Voltage-mode Universal Filter Using FTFN and OTA." *Indian Journal of Pure and Applied Physics*, vol. 42, pp.93-95, 2004. Journal ISSN: 0019-5596, **ISSN: 0975-1041**, *Impact Factor of IJPAP is 0.711* (JCR 2013).



17. **N A Shah and M A Malik**, "High Input Impedance Allpass Networks using FTFNs." *Indian Journal of Pure and Applied Physics*, vol. 42, pp.700-702, 2004. *Corresponding author Mohd Amin Malik*, Journal ISSN: 0019-5596, **ISSN: 0975-1041, Impact Factor of IJPAP is 0.711** (JCR 2013).
18. **N A Shah and M A Malik**, "Current-Mode Universal Biquadratic Filter with Single Input and Four Outputs Using FTFNs." *Indian Journal of Pure and Applied Physics*, vol. 43, pp. 142-144, 2005. Journal ISSN: 0019-5596, **ISSN: 0975-1041, Impact Factor of IJPAP is 0.711** (JCR 2013).
19. **N A Shah, M A Malik and S Z Iqbal**, "Multifunction High Output Impedance Current-Mode Filter Using FTFNs." *The Institute of Engineers*, Kolkatta, IE(I) Journal □ET Vol 87, July 2006. **ISO 9001 : 2008.**
20. **N A Shah and M A Malik**, "Voltage-Mode Multifunction Filter Using FTFN." *The Institution of Electronics & Telecommunication Engineers (IETE)*, vol. 46, No.4, Oct-Dec 2005. ISO 9001:2008. *Impact Factor 0.189. Corresponding author Mohd Amin Malik*
21. **N A Shah and M A Malik**, "FTFN-based Duel Inputs Current-Mode AP Inverse filters." *Indian Journal of Radio and Space Physics*, vol. 34, No.3, pp.206-209, June 2005. *Corresponding author Mohd Amin Malik*, **ISSN: 0367-8393, Impact Factor 0.61.**
22. **N A Shah and M A Malik**, "High Input Impedance Voltage-Mode Lowpass, Bandpass, Highpass and Notch Filter Using Current Feedback Amplifiers." *Indian Journal of Engineering and Materials Sciences*, **Volume 12 August 2005. Corresponding author Mohd Amin Malik** ,(ISSN: **0971-4588**), **Impact Factor: 00.362.**
23. **N A Shah and M A Malik**, "High Input Impedance Inverting and/or Non-Inverting Biquad Filters Using FTFNs" *The Institution of Electronics & Telecommunication Engineers (IETE)*, May 2005. ISO 9001:2008. *Impact Factor 0.189.*

#### **Conferences (Research Publications):**

24. **N A Shah and M A Malik**, "High Input Impedance Biquad with a Minimum Number of Passive Elements." *Ist Science Congress, Jammu University*, 7-9 Feb. 2005.
25. **N A Shah, M A Malik and M F Rather**, "Current-Mode Multifunction Filter Using a Single FTFN." *IETE 2<sup>nd</sup> National Conference on Intelligent Systems and Networks (INS-2005)*, Haryana Engineering College Jagadhri-135003, 25-26 Feb-2005.
26. **N A Shah and M A Malik**, "A New Voltage and Current-Mode Universal Filter." *IETE 2<sup>nd</sup> National Conference on Intelligent Systems and Networks (INS-2005)*, Haryana Engineering College Jagadhri-135003, 25-26 Feb-2005.
27. **N A Shah, M A Malik and M F Rather**, "Multifunction Filter Using Current Feedback Amplifiers." Paper ID 01673-2005, *International Union of Radio Sciences (URSI)*, GA-2005, Conference held in New Delhi, Oct-23-29, 2005.
28. **N A Shah, M F Rather and M A Malik**, "Cascadable Electronically Tunable SITO Current-Mode Active-Only Universal Filter." Paper ID COM3-0293-2005, *International Union of Radio Sciences (URSI)*, GA-2005, Conference held in New Delhi, Oct-23-29, 2005.
29. **M A Malik**, "Multifunction Current-Mode Filter configuration Using FTFNs" 4th Science Congress-2008 at Kashmir University Kashmir India Dec.2008.

## Academic Qualifications

Examination Passed	Board/ University	Subjects	Year	Division / Grade / Merit
SSC	JK BOSE	Non-medical	1982	3RD
Higher Secondary	JK BOSE	Non-medical	1985	Ist
Bachelor's Degree(s)	Kashmir University	Non-medical	1987	Ist
Master's Degree(s) (M.A/M.Sc.)	Kashmir University	Physics	1992	Ist
NET/SLET	nil	nil	nil	nil
Other Diploma / Certificates etc.	CASET- basic computer programming-7 months	Basic Computer programming BASIC, COBOL, FORTAN, C, C++ Programming, EWB, Pspice, Windows & Handling Computer Hardware	1990	A+
	Premier computer-PACE- advanced diploma in computer applications-15 months		1996-1997	Nil
	Infopark-C++--72hours		2002	A

## Research Experience

Research Stage	Title of Work /Thesis	University where the work was carried out	Year
M. Phil or equivalent	nil	nil	nil
Ph.D.	"Realization of filter characteristics using four terminal floating nullor (FTFN)"	Kashmir University	2002-2005
D.Sc/D.Litt.	nil	nil	nil
Training (Please specify)	nil	nil	nil

## Teaching Experience

Courses Taught	Name of the University/ College/Institution	Duration
iv) U.G. (B.A./B.Sc. etc.) (B.A./B.Sc. etc. Hons.)	GDC Baramula (boys), GDC Sopore(boys), GDC Handwara, Islamia College of Science and Commerce , Govt Amar Singh College Srinagar, GDC Bemina	1996-2017
v) P.G. (M.A./M.Sc.,etc.)	nil	nil

vii) Any other( e.g Women Study, Skill Development , Add on courses, Coaching (JUET, CET) etc)	nil	nil
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### Extension Work / Community Service

I have been writing articles on Science, Education and Technology in leading English dailies like "Greater Kashmir", "Rising Kashmir" "Daily Excelsior"—prominent English News dailies of J & K state, and "the Hindu" national News paper.

## Articles Published in News Papers

1. **Just ban it!** (private practice of medical doctors) Dr Muhammad Amin Malik, Greater Kashmir ,--10 April 2006.
2. **Understanding the Great Einstein (FEEDBACK),** Greater Kashmir, **Let's not make a vain attempt of thrusting spirituality on science. We must comprehend the nature of religion and the essence of science,** Dr Muhammad Amin Malik responds to an article He and his Relativity by Dr M Farooq Rather in Greater Kashmir Science Page. -26 January 2009.
3. **Why not Physics? (SUBJECT MATTERS) Why is physics learning on a decline in our colleges?** Dr. Muhammad Amin Malik suggests some remedial measures to reverse the trend. 17 February 2009.
4. **Be a good human being first (FEEDBACK). And of course a good Muslim too,** Dr. Muhammad Amin Malik responds to an article about religious education. -18 March 2009.
5. **Should teachers be assessed by students? (ACADEMICS) Students and teachers should form a team, mutually dependent and mutually nourishing, writes Dr. Muhammad Amin Malik.** -03 April 2009.
6. **Health Hazards and Electromagnetic Fields. (OTHER) SIDE Mobile Phones, Microwave Ovens and Power Lines - we benefit a lot from them, but there is another part to the story, writes Dr Muhammad Amin Malik.** 11 May 2009.
7. **Fine-tuning the Education Sector (SYSTEM). State and society together can reshape the education sector, comments Dr Muhammad Amin Malik.** -27 May 2009.
8. **Can PhDs legitimately claim to be Doctors? (THE DOCTOR DEBATE )** PhDs are prestigious hard-earned accomplishments that usually denote the highest point of learning for a chosen field of study and the term "doctorate" has nothing to do with a medical doctor.-25 June 2010.
9. **Let's say goodbye to Rote Learning (CONCERN) We need a system where creativity flourishes so that we can learn to interpret and apply the knowledge and not just memorize the facts and figures, writes Dr. Muhammad Amin Malik.** -01 July 2009.
10. **Is Science Compatible with Religion?( FOOD FOR THOUGHT) If the truth is one, there cannot be a scientific truth that would be different from a religious truth, because the Creator of the reality is the same, writes Dr. Muhammad Amin Malik.-** 18 August 2009.
11. **You need a will to win (COMPETITIVE EXAMS) Motivation level, concentration, quality study material, God's grace, parent's blessings and candidates' sincere efforts and perseverance, besides keeping mum, are the key words to achieve success in any competitive examination, writes Dr Muhammad Amin Malik.** -12 October 2009.
12. **Spare the rod and safeguard the child (FUTURE OF TOMORROW) Our children require freedom, sympathy, guidance and unconditional love in our schools so that they really grow to strengthen the pillars for national construction and a brighter tomorrow; writes Dr Muhammad Amin Malik.-** 21 November 2009.
13. **Integrate ICT and rejuvenate the education system (TECHNOLOGY AND EDUCATION) The Information Communication Technology (ICT) offers huge knowledge and information, and presents it in a compelling and interesting way, can provide a greater learning autonomy while discouraging rote learning, will certainly transform our institutes into true learning centers, writes Dr Muhammad Amin Malik.** -03 March 2010.



14. **Are our Cell Phones becoming a nuisance for us?** THE TROUBLE OF TECHNOLOGY A cell phone is merely a scientific invention too innocent to be blamed for any trouble. It all depends on the use we make of it. - 02 December 2010.
15. **What's wrong in winter schooling?** (do it now by Dr Muhammad Amin Malik) Let us encourage winter schooling and not allow Government machinery to become defunct and irrelevant. That will be a befitting reply to the mushrooming growth of tuition/coaching centers... writes Dr Muhammad Amin Malik-- 19 December 2010
16. **The solution lies in renewability,** Energy crisis The renewable energy resources and energy efficiency have both personal and societal benefits. These alone can solve our energy crisis permanently and save all forms of life on earth from extinction,.-12 January 2011
17. **The spirit if inquiry** (SCIENCE) dr. Muhammad Amin Malik explains the national science day and its relevance to Kashmir. -28 February 2011
18. **Infusing excellence in higher education.** There is a need to carry out radical changes in higher education to ensure its quality so that we can form best human capital to shape the future of our society ACADEMICS BY DR MUHAMMAD AMIN MALIK,- 21 June 2011.
19. **How important is Career Counseling?** Career counseling can canalize our energy to explore career opportunities that might be suitable for our young generation today, **-08 October 2011**
20. **Remembering a Personality,** Dr M D Taseer Was A Great Educationist And A Poet With Kashmiri Connections -22 December 2011.
21. **THE SPEED THAT STUPEFIES.** digital revolution will continue at a rapid pace as microprocessor technology continues to evolve( digital revolution) -24 December 2011
22. **Is it ALTERING our LIFE?** we have to set limits to the use of electronic gadgets (digital revolution) **-16 January 2012**
23. **Discover Good.....**shun evil and make the world a better place to live in lessons by Dr Muhammad Amin Malik--22 February 2012.
24. **Conserve the Environment or Perish;** we must drastically change our attitude towards environment --Dated 14 June 2012.
25. **How important is book reading?** Though the electronic technologies particularly the internet has become indispensable for us, we cannot afford to lose the benefits of physical books - Dated 22 June 2012.
26. **Unraveling the creation** Will the discovery solve the mysteries of the universe? THE GOD PARTICLE, 09 July 2012.
27. **Is single-paper scheme a viable plan? A major shift**09 Nov 21 2012
28. **ISSUE--Fight Energy Crises-** We can do that with energy efficiency and conservation Nov 29- 2012.
29. "The nightmare on roads "**We Need a Radical Approach to Solve Traffic Congestion** –Dec 20- 2012.
30. **Are Private Tuitions Necessary?** -Schools have to become places of learning- Jan 24- 2013.
31. **Academics is the key-**A plain college degree can ensure a wonderful future provided our youngsters have the will and the courage to act. 03 March 2013.
32. **Need for Change?** Through values only we can survive -Value-System, 14 May 2013.
33. **Why are we so superstitious?** We have to raise our intellectual level through scientific knowledge and rational ideas to get rid of superstitions. 03 June 2013.
34. **Quality Leadership for Quality Higher Education.** A young IAS officer in twenties with a graduate qualification controls the whole district administration, why can't the similar things happen in academics) 02 July 2013.
35. **Light at the end of the tunnel.** RTI marks our tryst with transparency RTI Act .17 July 2013.
36. **Kashmiri trailblazers with Roosevelt's.** In acknowledgment and appreciation of the article - The Hunting Trailblazers RESPONSE. 27 July 2013.
37. **Yet another Teacher's Day.** But Has Anything Changed? 05 September2013.
38. **Mathematics: The heart of science.** Make an Impact with the Beauty and the Reality of Mathematics. 12 September 2013.
39. **Breaking down Traditional Barriers -- HIGH-TECH TEACHING--** It's high time to incorporate Information and Communication Technologies in our schools and colleges--11 Nov—2013.
40. **Prudence lies in precaution—** Where evil is punished at the cost of good, 29 Nov—2013.

41. **Overhaul the system---** Need to Reform the Entire Examination System—9- Dec 2013.
42. **How much or how good? It is the Quality that Matters, SPECTRUM--** 21 January 2014.
43. **Where lies the Gimmickry?-** in response to the article by Prof Mohammad Aslam, Educational Gimmickry ----19 February 2014.
44. **Towards employability-**we need a value –based higher education to increase the employability of our youth. 21 March- 2014.
45. **The beauty of mathematics-**31 March- 2014.
46. **Higher Education and Employability: Concerns and Prospects-(I& II) -** 05 May – 2014.
47. **The Future of Computing Machines:** There are announcements from chip makers stating that they have figured out new ways to shrink the size of transistors, 17June – 2014.
48. **Popularizing Science and New Technologies:** there is a need to create academic and scientific atmosphere in our institutions, 07July – 2014.
49. **Let there be no drugs,** We need to control the scourge of drug addiction, MENACE, 07 August -2014.
50. **Who's Eligible for Teaching in colleges and universities?** Those who have acquired research degrees after many years of hard work should be allowed to teach. 18 August 2014.
51. **The flood lessons-**if disasters are managed well, the loss can be less, 01October 2014.
52. **The memories of horror-** w are a part of nature and we have to live in harmony with it. That is what my experience taught me. 06 Nov 2014.
53. **March session- pros and cons** – change of academic session doesn't matter but change of quality and value based education does. 05 Jan 2015.
54. **The Golden Age of Islamic Science,** We cannot ignore the contributions made by Muslim Scientists, KNOWLEDGE, **09 MARCH 2015.**
55. **Why should we suffer in silence?** SOCIETY this sifarish culture has spoiled us everywhere**13 MARCH 2015.**
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