

M.C. COLLEGE NEWSLETTER

Editors: Dr. Dip Kr. Bhattacharjya, Dr. Chiranjit Baruah Co-editor: Dr. Arjun Adhikari

Principal Speaks:

I am privileged to receive the information that the publication cell of M.C. College has taken the initiative to publish the college newsletter for the session 2020-21. I welcome and appreciate the effort taken by the publication cell. Like the previous year, this time also we have missed the congenial academic atmosphere in our college. Our experience was not good at all. Because of the pandemic, we couldn't accomplish our development projects timely. We couldn't go for offline classes. Even students had to appear in the examinations in online mode only. The result is that both students and teachers had to bear a lot of troubles. However, they faced each and every challenge boldly. Those who had successfully carried on their responsibility even under the threats of calamities are the appropriate persons for the appreciation. They are the pride of our college. I, being the head of the institution convey my sincere gratitude to all of them. Hope, this volume of Newsletter will successfully highlight the glorious moments of our college.





(**Dr. Prakash Sarma**) Principal, M.C. College, Barpeta

From the Editor's Desk:

The second wave of covid-19 pandemic has further paralysed the conventional education system in India. Students have once again been deprived of being present in physical classroom environment and had to confine themselves within the periphery of digital classroom. Teachers have also become confined within the digital system. But that confinement could not prevent both student and teacher community from achieving their desired goal. The intellectual practice has continued through the digital media. Classes are continued along with involvement in organising and attending seminar, conference, workshop, short term course and various faculty development programmes on online mode.

The current issue of the Newsletter reflects all intellectual practices of the college during a crucial period. Each news and event of each of the pages of the newsletter carries the glory of the institution in a crucial period of the century proving the fact once again that nothing is impossible.

Dr. Dip Kr. Bhattacharjya Dr. Chiranjit Baruah Editors

In-campus activities of the college

The World AIDS Day was observed on 1st December, 2020 on the initiative of the Red Ribbon Club and Bharat Scouts and Guides, M.C. College unit.





Members of the Publication Cell: Convener: Dr. Dip Kr. Bhattacharjya

Published by:

Publication Cell (under IQAC), M.C. College, Barpeta, Assam

Members: Dr. Indrajyoti Roychoudhury, Dr. Sanjib Deuri, Dr. Chiranjit Baruah, Dr. Pratyush Purakayastha, Dr. Eushah Ali, Nabajyoti Baro, Dr. Sameeran Kr. Das,

Dr. Arjun Adhikari, Pummy Sinha

IQAC of the college installed few dust-bins in some suitable locations of the college to dispose the biodegradable and non-biodegradable wastes separately as part of the "green initiative". The programme was undertaken during the month of November, 2020 in collaboration with the NSS unit of the college.



The Debate and Quiz Form of the college organised the "1st Ambeswar Buragohain Memorial Debate Competition" on 16 December, 2020 where a number of competitors from different colleges of Assam participated.



IQAC of the college organised a talk on 11 February, 2021 on "Recent technology and innovations" where the eminent innovator and Padmashree awardee Dr. Uddhab Kr. Bharali, delivered his valuable speech. A memorandum of understanding (MOU) was also signed with him to install a chimney to burn the disposable wastes.

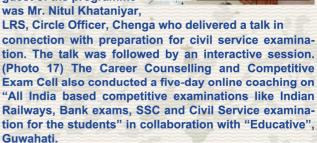




M.C. College organised a "Cleanliness drive cum Awareness camp on ban of single use plastic" on 10 February, 2021 in which a number of students from various department actively participated.



A programme on "A motivational talk on civil service examination" was organised by the Career Counselling and Competitive Exam Cell of the college on 5 February, 2021. The chief guest of the programme was Mr. Nitul Khataniyar.



M.C. College maintains a good number of sports items for both indoor and outdoor games under the sports incharge Mr. Ajit Ojah.



Principal of the college encourages all departments to be equipped with all modern technologies. As part of that LCD projectors were distributed among the departments to make their classrooms ICT enabled.





The Finishing School, RUSA, M.C. College unit organised a training programme on "Facing personal interview and group discussion" on 9 January, 2021 in the college premises. A good number of students from various departments participated in the programme.

M.C. College Debate and Quiz Forum organised a debate workshop on the subject "In the interest of national integration of India, Hindi should be compulsorily taught in the school" on 5 November, 2020. A number of enthusiastic debators participated in the workshop.





Under the banner of "Assam state AIDS control committee", the artists of M/S Shifung, an NGO organised a very attractive and colourful programme in the college campus on 27 February, 2021. The main objective of the programme was to make students aware the students reregarding prevention of HIV/AIDS.

District Legal Services Authority, Barpeta in association with the college organised an awareness programme on "Mental health and wellbeing" in the college premises on 19 November, 2020.

COLLEGE AUTHORITY ADOPTS 100% CASHLESS TRANSACTION IN ALL THE FINANCIAL MATTERS.

Activities outside the campus:

NSS unit of the college under the leadership of Mr. Ajit Ojah, Assistant Professor, Department of Anthropology bagged the 1st prize in the Republic Day Ceremonial Parade organised by the district administration on 26 January, 2021. The NSS unit of the college also participated in the Republic Day ceremonial parade, 2021 in FAAMC & H, Barpeta.







NSS activities:

NSS Volunteers participated in the following Integration and Leadership Development Programme on online mode during July-December, 2020:

Name of the events	Organiser	No. of Volunteer participated
Online National Level Awareness Program on Preventing Social Stigmatization of Covid-19 patients	Government of India	6
Webinar on Hand Hygiene for All	Department of Social Welfare, Kamrup District	7
Integrity Pledge	Central Vigilance Commission, Government of India	5
International Webinar on Energy Access and Rural Development	NSS Cell, Gauhati University	2

Eminent personalities visiting the college



Padmashri Dr. Uddhab Kr. Bharali Eminent innovator, Lakhimpur, Assam



Dr. Abani Kumar Bhagabati Professor, Dept. of Geography, Gauhati University, Guwahati



Students' involvement

Few enthusiastic students of the college participated in the "Students Volunteers Training Programme" under Mahila Shakti Kendra at DRDA Conference Hall as organised by the District Level Centre for Women, Block Level Committee, Barpeta on 8 January, 2021.

The Eco Club

Eco Club, M.C. College unit has been organizing various programmes and plantation drives in order to create awareness among the students and teaching faculty of M.C. College and also students of other institutions. On 15th of October, 2020 a talk was delivered by Mr. Tridip Baruah. He discussed about the various prospects in the field of environment including research. Students of M.C College, Barpeta participated in the programme.

A plantation drive of fruits and medicinal plants was conducted in the College campus on that day. In order to increase the awareness among students on the pollution of the environment by vehicular transport, Eco Club of M.C. College, Barpeta unit in collaboration with the District Transport Office, Barpeta organized an awareness camp cum pollution testing drive on 18th of December, 2020 at the M.C. College campus. The programme was honoured by the gracious presence of the eminent resource persons including Mr. Himangshu Das, District Transport Officer, Barpeta, Dr. Tirthanath Sharma, Joint Health Director, Barpeta, Mr. Nirupam Hazarika, Additional S.P., Barpeta, Mr. Sabyasachi Kashyap, ADC Barpeta and Dr. Prakash Sharma, Principal, M.C, College, Barpeta.



Departmental Activities:

Department of Anthropology organised a national webinar on "The Present Pandemic Induced Crisis: Understanding from an Anthropological perspective" on 11 August, 2020. They also organised an International Webinar on "Heritage laws and politics of South Asian countries" in collaboration with IQAC & Department of Education, Mazbat College, Mazbat on 22 September, 2020. Prof. Anura Manatunga, University of Kelaniya, Sri Lanka delivered his talk as resource person in the programme. The department also conducted an educational tour to Barpeta Kirtan Ghar for the Honours students on 29 January, 2021.



Department of Botany organised a series of popular talks under the banner 'Sanskar: Manuhe Manuhar Babe' from 09-02-2021 to 12-02-2021. This programme was catalyzed and supported by Assam Science Technology and Environment Council, Dept. of Science and Technology, Govt. of Assam. Several topics such as Traditional Belief System and Superstition, Health Hygiene and Associated Superstitions, Superstitions were covered with an aim to aware students and all other stakeholders regarding the prevailing superstitious beliefs related to witchcraft, health & hygiene, agriculture and snake bite.

The first talk was organized on 9th of February at M.C. College, Barpeta on the topic 'Traditional Belief System and Superstition'. Dr. Abani Kr. Bhagabati, Professor, Department of Geography, Gauhati University, was invited as the Chief Guest and Speaker for the talk.

The second talk was organized on 10th of February at Juroram Pathak Girls High School, Barpeta, Assam on the topic 'Health Hygiene and Associated Superstitions'. Dr. Priyambada Das, senior Doctor and environmentalist, Barpeta Road, Barpeta, Assam was invited to deliver the talk.

The third talk was organized on 12th of February at Barpeta Town High School, Barpeta, Assam on the topic 'Superstitions'. Dr. Dip Kr. Bhattacharjya, Assistant Professor, Department of Botany, M.C. College, Barpeta was invited to deliver the talk. Dr. Bhattacharjya discussed about the superstitions associated with snake bite and witchcraft prevailing in our society. The fourth and the last talk was also delivered by Dr. Dip Kr. Bhattacharjya on 12th of February at Sundaridia High School, Barpeta, Assam on the topic 'Superstitions'.

Department of Economics organised a Career counselling programme in collaboration with Pragati Edutech, Guwahati on 28 January, 2021. Different placement opportunities including systematic preparation to be appointed in aviation sector and tourism industry were very thoroughly discussed in the programme. The department also organised the training programme on facing personal Interview and group discussion for the students under Finishing school, RUSA. The Economics department in association with Library and Information Science Professionals' Association (LISPA), Assam, organised a National level Web conference on the topic "Globalisation to Localisation: Challenges and Impact of COVID-19 on India" on 14th of July, 2020. Inaugurated by Dr. Prakash Sarma, Principal of the College, the conference was participated by more than 300 participants from all over India. The Keynote address was delivered by Prof. Manjit Das, HoD, Dept. of Economics, Bodoland University, Kokrajhar. In the First Technical Session, Dr. Shreekant Sharma, Associate Faculty Member, NIMSME, Hyderabad, Telangana presented a paper on "Globalisation to Localisation: Government Schemes and Programmes for Agri and Allied Sector". In the Second Technical Session, Dr. Binoy Goswami, Asst. Professor, Dept. of **Economics, South Asian University, New Delhi** presented a paper on "Has the pandemic made globalization a passé? Challenges and Options for India". The programme was convened by Mr. Parthapratim Choudhury and co-ordinated by Mrs. Pummy Sinha.





Department of Education organised a popular talk on "Mental stress: Intimidation or emotion?" on 6 February, 2021. Dr. Piyali Roy, Department of Education, Bodoland Universitym, Assam delivered her valuable speech in the programme in presence of students and teachers.



Department of Political Science: organised a popular talk on "Role of Assam in the freedom movement of India" on 12 March, 2021. A number of students and teachers from various departments attended the programme. The department also organised an Essay competition on 19March, 2021. Both the programmes were organised in connection with the celebration of "AzadikaAmrutMahotsav" among the HS and undergraduate students. Political Science department conducted an educational trip to Bhairabkunda, Udalguri on 31 January, 2021 for the Honours students.



Department of Zoology conducted an educational tour as part of the "Institutional visit" as per their syllabus for the 3rd semester SEC students to the Fish Diversity and Heritage Museum, Barama (Baksa).



Achievement of our teacher:



Mr. Sameeran Kumar Das, Asstt. Professor, Department of Chemistry has been awarded the Degree of Doctor of Philosophy (PhD) by Tezpur University for the thesis entitled "Methodology Development for Cross-Coupling and Metal Free Oxidative Transformation Reactions" in 2020.



Mrs. Riju Sarma, Asstt. Professor, Department of Zoology has been awarded with the Degree of Doctor of Philosophy by Gauhati University for her thesis titled "Study on the efficacy of certain termene compounds against Adesaegypti(Diptera: Culicidae)" on January, 2021.

Intellectual effort of the faculties:









Mr. Dal Pathak, Asstt. Professor, Department of Mathematics has been officially appreciated by the District Administration, Barpeta on 15 August, 2020 for his outstanding contribution to the NCC unit of the college.

Mr. Harihar Deka, Asstt. Professor, Department of Political Science has published a research paper titled "Communalism – the Indian experiences" in the Wesleyan Journal of Research, a UGC care listed multidisciplinary journal. He has also attended a number of webinars including "Application of GIS and Remote sensing", "Cooperation or conflict: India-China relations" and "India-China relations at the time of Covid-19" organised by different colleges of Assam.

Ms. Runu Swargiary, Asstt. Professor, Department of Zoology has participated in 5 International Webinars, 5 National Webinars and 1 National Web Conference during the period of July, 2020 to June, 2021. She has also participated in Two Day Online Workshop on ICT Based Pedagogy from 7 & 8 July,2020 organised by Suren Das College, Hajo with academic support from Teaching Learning Centre, Tezpur University and one Weeklong online workshop on Assessment and Evaluation from 24-29 August,2020 organised by Teaching Learning Centre, Tezpur University under PMMMNMTT Scheme of Ministry of Education, Government of India. She has also participated in Online Faculty Development Programme on "E-Learning Platform in COVID-19 Pandemic" 03-10 August,2020 organised by Electronics& ICT Academy IIT Guwahati in association with M.C College, Barpeta and support from Mantra Associates.

Dr. Dip Kr. Bhattacharjya, Assistant Professor, Department of Botany participated as a resource person in a national workshop on "e-Learning and its Application in School Curriculum in the context of Covid-19 Pandemic" on 16 November, 2020 sponsored by IQAC, MC College, Barpeta in collaboration with ASTEC, Govt. of Assam, India. He has also participated in two FDPs including "Research Methodology" and "Moodle Learning Management System" organised by the Electronics & ICT Academy, Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India and B.H. College with course material provided by Spoken Tutorial Project, IIT Bombay respectively.



















Dr. Eushah Ali, Asstt. Professor, P. G. Department of Botany participated in a seven days online Faculty Development Programme on "E-Learning Platform in COVID-19 Pandemic" organized by Electronics & ICT Academy, Indian Institute of Technology Guwahati, Assam from 03-10 August, 2020. He was an organizing member of the National Webinar on "Challenges in Higher Education: A Post Pandemic Technology Solution" organized by the Dept. of Botany, M. C. College on 27. 08.2020. He participated as a resource person in a National Workshop on "e-Learning and its Application in School Curriculum in the context of Covid-19 Pandemic" 18th November, 2020 sponsored by IQAC, MC College, Barpeta in collaboration with ASTEC, Govt. of Assam, India. He has also participated in an online Refresher Course in "Life Sciences & Biotechnology" sponsored by the UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi from 28-12-2020 to 09-01-2021. He has also published a research paper entitled "Microbial diversity on the leaf litter of Bhindi [Abelmoschus esculentus (L.) Moench] crop fields at the different growth stages of the plants in Barpeta district of Assam" in the Journal of Mycopathological Research, a UGC CARE listed Journal (Volume: 59, Number: 2, June, 2021).

Dr. Suman Deka, Asstt. Professor, Department of Philosophy has participated in three International Webinar, fourteen National Webinar, one short term course on "Indian Music through the ages" from; 22nd to 28th March 2021 and one FDP on "Research Methodology" from 23rd Nov. to 28th Nov. 2020 organised by IIT Guwahati.

Dr. Bhatima Barman, Asstt. Professor, Department of English participated in the Online Refresher Course on "Multidisciplinary approaches for Adaptability, Development and Self-reliance (Scientific, Socio-economic, Psycho-cognitive and Moral Perspectives) from 19th Aug-1st September, 2020, organized by the Faculty Development Centre, HNB Garhwal University, Uttarakhand, India, under the PMMMNMTT scheme of MHRD, Government of India. She has also published a research paper titled "Uncovering Lost Story: a reading of Mamang Dai's The Black Hill" in an edited book "The Postcolonial Experience: Implications and Possibilities" on February, 2021.

Dr. (Mrs.) Tapashi Das, Asstt. Professor, Department of Physics has presented a research paper titled "Loptonic decay constants of heavy-light mesons in momentum space using potential model" in the 3rd National conference on "Recent advances in Science and Technology, NCRAST" organised by ASTU on 17-19 August, 2020. She has also participated in a webinar on "Concept of space and time in special theory of relativity" on 30 July, 2020 organised by the Dept. of Physics, Anundoram Borooh Academy Degree College, Pathsala, Bajali.

Dr. Himani Ramchiary, Asstt. Professor, Department of Anthropology participated in one day online workshop on "Empowering Effective Scientific Research by Harnessing the Power of Web of Science and Managing Reference using Endnote" organised by Guru Nanak Dev University, School of Education, PMMNNTT, MHRD, Government of India in association with Springer Nature on 9 May 2020. She also participated in Four week Induction/ Orientation Programme for Faculty in Universities/ College/ Institues of Higher Education from 4 June 2020- 01 July 2020, organised by Teaching Learning Centre, Ramanujan College, University of Delhi. Dr. Ramchiary participated in a Webinar on Anthropological response to Covid 19 on 7 July 2020, organised by Dept of Anthropology, University of Delhi. She further participated in Webinar on Mental Health and Well being in the Post Covid World on 20 July 2020, organised by Dept of Anthropology, University of Delhi. She completed Refresher Course on Research Methodology for faculty of Social Sciences from 5 August 2020- 19 Aug 2020 organised by University of Hyderabad, HRDC. Dr. Ramchiary participated in an International Webinar on Heritage laws and Policies of South Asian Countries on 22 September 2020, organised by Department of Anthropology, M.C College, Barpeta in Collaboration with IQAC, Department of Education, Mazbat College, Udalguri Assam.

Dr. Nibedita Gogoi, Asstt. Professor, Department of Chemistry published a research paper titled Versatility of magnetic Fe3O4 supported copper nanocomposite catalyst towards reduction of carbonyl and nitro compound published in the Indian Journal of Chemistry (Vol. 60A, January 2021, pp. 10-18). Dr. Gogoi participated in Two-week workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work" organized by Ramanujan College, University of Delhi from May 25 - June 05, 2020. She also participated in CSIR-Summer Research Training Programme, organized by CSIR-NEIST, Jorhat online during June to August, 2020.

Dr. Sameeran Kumar Das, Asstt. Professor, Department of Chemistry has published two research papers titled "Bio-based sustainable heterogeneous catalyst for ipso-hydroxylation of arylboronic acid" and "A sustainable approach for hydration of nitriles to amides utilising WEB as reaction medium" published in Sustainable Chemistry and Pharmacy (17, 100296, 2020) and Current Research in Green and Sustainable Chemistry (4, 100071, 2021) respectively. He has also participated in a seven-day national online workshop on "Computational Technologies" organized by Department of Computer Science & Technology, Bodoland University, from 7th of June to 13th of June, 2021. Dr. Das has presented a paper entitled "WET as a highly promising agro-waste based extract for hydration of nitriles to amides" in the International Conference organized by Department of Chemistry, Nowgong College, Nagaon, Assam on 22nd of August, 2020.

Dr. Arjun Adhikari, Assistant Professor, Department of Botany attended the Five days "Faculty Development Programme on Teaching, Research and Innovations in India: a Biologist's View", organized by Amity Institute of Biotechnology, Amity University, Kolkata from 4th July to 8th July, 2020. He was also an organizing member of the "National Webinar on Challenges in Higher Education: A Post Pandemic Technology Solution" organized by the Department of Botany, M. C. College on 27.08.2020. He also attended a Faculty Induction Programme for the Faculty in Universities/Colleges/Institutes of Higher Education, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 01 to 30 September, 2020. He also organized "A Popular Talk on Environment and Human Kind" sponsored by ASTEC, Assam on 29th of November, 2020. Dr. Adhikari attended a AICTE sponsored One-week Short Term Training Programme-Ill on "Environment Protection and Management" organized by Department of Chemical Engineering & Biotechnology, Sardar Beant Singh State University, Gurdaspur, from 14th June to 19th June 2021

Mrs. Pummy Sinha, Asstt. Professor, Department of Economics has participated in a seven days online workshop on "Computational Technologies" organized by Department of Computer Science & Technology, Bodoland University, from 7-13 June, 2021. She was invited as a Resource person for the training of business correspondence under Mission One GP One BC Sakhi under Ministry of Rural Development, Govt. of India, 16 December, 2020 on the topic "Handling Micro ATMs, Biometric and Other Devices, Basic Connectivity Issues".









Mr. Tridip Boruah, Asstt. Professor, Department of Botany published a research paper titled "Biological indicators for assessing the maturity of the vermicomposted products of citronella bagasse and paper mill sludge mixture" [Journal- Biomass Conversion and Biorefinery, 2021; Springer, Impact Factor- 4.987]. He also authored a chapter titled "Crude oil associated abiotic stresses on herbaceous plants" in a book [Book-Bioremediation: Research and Applications, Eastern Publications]. Mr. Boruah participated in an international workshop entitled "The Himalayan Clean Up" organized by Integrated Mountain Initiative and Zero Waste Himalaya held on 26-30 May, 2021. He also participated in a national workshop entitled "Online Foundation Course on Biostatistics in R" held from June 1 to June 3, 2020 organized by Department of Botany, Gauhati University. Mr. Boruah was Awarded first prize in the Poster presentation category for the paper entitled "A critical review on emission of greenhouse gases during composting and vermicomposting of organic waste" at 5th Virtual International Conference on Reuse and Recycling of materials and their products held on 11th-13th December, 2020, Kottayam, Kerala, India.

Mr. Roman Borgohain, Asstt. Professor, Department of Political Science has participated in 10 national webinars during the period of July, 2020 to June, 2021. He has also participated in a seven days online International FDP on "Creativity and Innovation in Teaching and Learning" held from 28th July to 3rd August 2020 jointly organized by IQAC & Dept. of Education, Mazbat College, Mazbat and IQAC & Central Library, Jorhat Kendriya Mahavidyalaya, Jorhat. He also participated in a three days online International Workshop on "Research Methodology" jointly organized by Dept. of Political Science, Tangla College, Tangla and Dept. of Education, Mazbat College, Mazbat in collaboration with IQAC of both the colleges held from 11th to 13th August 2020. Mr. Borgohain participated in 8 (Eight) International webinars during this period.

Dr. Riju Sarma, Asstt. Professor, Department of Zoology has published a research paper titled "Allium sativum (Liliales: Asperagales) essential oil based combinations - a potential larvicide for Culexquinquefariatus(Diptera :Culicidae)" in the International Journal of Tropical Insect Science in 2020. She has also participated in an FDP on "Research methodology" from 15 to 20 March, 2021 organised by the IQAC, Govt. College for Girls', Ludhiana. She attended an orientation programme from 16 April to 15 May, 2021 organised by the Teaching Learning Centre, Ramanujan College, University of Delhi.

Miss Daisy Brahma, Asstt. Professor, Department of Zoology has published a research paper titled "Effect of altered PH on the transcription of aquaproteins in singing catfish Heteropneustes fossilis" in the Journal of Bioresources in 2020. She has participated in an FDP on "Research Methodology" from 15-20 March, 2021 organised by IQAC, Govt. College for Girls', Ludhiana. She attended a orientation programme from 16 April to 15 May, 2021 organised by the Teaching Learning Centre, Ramanujan College, University of Delhi.

Our new faculty members joined during the year 2020-21:



Dr. BhaskarJyoti Gogoi M.A. (DU); M.Phil. (EFLU); Ph.D. (EFLU) M.A. (GU); M.Phil. (GU); Ph.D. (GU) **UGC-NET: NE-SLET**



Dr. Arzufa Khanom B.Ed. (GU)



Dr. Rupam Borthakur, M.A. (GU); M.Phil. (GU); Ph.D. (GU) **UGC-NET (JRF)**



Dr. Riju Sarma M.Sc. (GU); Ph.D. (GU) **NE-SLET**



Ms. Daisy Brahma M.Sc. (GU); **CSIR-NET: NE-SLET**

Obituary



Dr. Juthika Devi M.A. (GU); Ph.D. (GU) UGC-NET (JRF): NE-SLET



Honourable teachers who left the college after their glorious service period Dhira Talukdar, ex Head, Department of Philosophy. Date of retirement: 30 July, 2020.





Late Arjun Chandra Das, ex Head, Dept. of Botany and ex Principal, M.C. College, Barpeta Born: 1934 Expired:12 September, 2020



Late Jay Krishna Das, Dept. of Assamese Born: 1 July, 1939 Expired:1 August, 2020



Late Rama Nanda Mazumdar, Head Assistant, Office of the Principal Born: 01 August, 1941 Expired: 15 November, 2020