



Name	Dr. D. K. De
Date of Birth	01.11.1950
Designation	Professor (Res)
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Working in BCKV since	1977
Professional Training	1. DUS Testing of Forage Crops
National/International recognition/awards	<ol style="list-style-type: none"> <li>1. Member of RCGM 'Review Committee on Genetic Manipulation' constituted with the approval of the Hon'ble Minister, S&amp;T (IC) and DOPT (IC), PMO, Government of India, from 2010 to 2012</li> <li>2. Member of the monitoring team for Protection of Plant Varieties and Farmers' Rights (PPV &amp; FRA) for Eastern Region constituted by the Protection of Plant Varieties and Farmers' Rights Authority, Government of India, since 2009</li> <li>3. Referee to the 'Journal of African Studies and Development' since 2009</li> <li>4. Referee to the 'Range Management and Agroforestry' Journal since 2008</li> <li>5. Member of the Editorial Board of the 'Indian Society of Forage Research', Hissar since 2007</li> <li>6. Referee to the 'Forage Research' Journal since 2005.</li> <li>7. Referee to the 'Indian Journal of Genetics and Plant Breeding', since 2003</li> <li>8. Acted as expert to EMIS, ASRB, New Delhi vide UGC letter no 0-1/2005 (IS-VI) UGC/ Prof dated 8.2.2006</li> </ol>
Fellow of the Society	Fellow of the Indian Society of Genetics and Plant Breeding since
Research Interests and area of specialization	<ol style="list-style-type: none"> <li>1. Breeding for abiotic stress tolerance of forage crops</li> <li>2. Mutation breeding</li> </ol>
Best 10 Publications with NAAS impact score > 5	<ol style="list-style-type: none"> <li>1. De, D. K. and Bhaduri, P. N. 1979. Modified Root Tip chromosome staining &amp; cytological studies of safflower <i>Carthamus tinctorius</i> L. <b>Indian Journal of Experimental Biology</b>. 17 (9) : 1991.</li> <li>2. De, D. K. and Ghosh Dastidar, K. K. 1990. Combining ability analysis for root weight and shoot weight in <i>Oilitorius</i> Jute. <b>Indian Journal of Genetics and Plant Breeding</b>. 50 (3): 283 – 288.</li> <li>3. De, D. K. and Kaiser, S. A. K. M. 1991. Genetic analysis of resistance to stem rot pathogen (<i>Macrophomma phaseolina</i>) infecting jute. <b>Pesq. Agropec. Bras. Brasflia</b> 26 (7) : 1017 – 1022.</li> <li>4. De, D. K. and Ghosh Dastidar, K. K. 1991. Combining ability analysis for seed characters in jute (<i>Corchorus olitorius</i> L.). <b>Bangladesh J. Bot.</b> 20(1) : 17 – 20.</li> <li>5. Ghosh Dastidar K. K. Sen, A. and De, D. K. 1993. Expression of heterosis under different growth stages in (<i>Corchorus olitorius</i>) Jute <b>Bangladesh Journal of Jute Fib. Res</b> 18 ( 1 &amp; 2 ) : 59 – 64.</li> </ol>

	<p>6. Panja, B. N. and <b>De, D. K.</b> 2005 Combining ability and heterosis for resistance to leaf blight disease in Indian mustard (<i>Brassica juncea</i> L. Gen and Coss). <b>Ind. J. Genet.</b> 65(1): 55-56.</p> <p>7. Pal. A. K., Das, N. D and <b>De, D. K.</b> Study on association of important yield components in <i>Bhindi</i> (<i>Abelmoschus esculentus</i> L. Moench) <b>Ind . J. Hort</b></p> <p>8. J. Pal Choudhury, Satyendra Nath Mondal, Dilip De and S. K. Mukherjee 2007 42. Soft computing model: Towards the forecasting of pod yield as compared to statical model ed. C. T. Bhunia. <b>Information technology</b> pp 593 -599.</p> <p>9. Mritunjay Ghosh, A. K. Pal, S. K. Pal and <b>D. K. De</b> 2003 Relationship of leaf area and chlorophyll content with yield of aromatic rice. <b>Indian J. Plant Physiol.</b>, Vo 8, No. 2 (N. S.) : 199-200.</p> <p>10. Satyendra Nath Mandal, J. Pal Choudhury, Dilip De and S. R. Bhadrachaudhuri 2008 “ A framework for development of Suitable Method to find Shoot Length at Maturity of Mustard Plant Using Soft Computing Model” , Publish by “International journal of Computer Science and Engineering Vol. 2 ,No. 3” Satyendra Nath Mandal, J. Pal Choudhury, Dilip De and S. R. Bhadra Chaudhury,,” <b>Application of PCA &amp; Factor Analysis for Predicting Suitable Period for Mustard Plant” “International Conference on Computer and Electrical Engineering (ICCEE 2008)” December 20-22, 2008 Phuket, Thailand</b></p>
Books or Chapter in Books	<ol style="list-style-type: none"> <li>1. Compiled a booklet entitled, ‘Specialized Training Programme on PPV &amp; FR Act, 2001’ embodying introduction to the PPV &amp; FR Act with brief explanations and report on the progress of work done so far during <b>2009-2010</b></li> <li>2. Proceedings of the national symposium, ‘A New Vista to Forage Crop Research’, <b>2009</b></li> <li>3. Compiled a booklet entitled, ‘Awareness programme on PPV &amp; FR Act, 2001’ embodying the progress of work for PPV at BCKV, March, <b>2009</b></li> <li>4. Published a book entitled ‘A Decade of Forage research at BCKV’, <b>2009</b></li> <li>5. Book entitled ‘Production and Protection Management of Forage Crops’, <b>2007</b></li> <li>6. Published the Abstracts of the research papers presented in the national symposium ‘A New Vista to Forage Crop Research’ September, <b>2007</b></li> <li>7. Contributed to Research Bulletin compiled by Directorate of Research, BCKV with Forage Highlights, <b>2004.</b></li> </ol>
Variety Release etc.	<ul style="list-style-type: none"> <li>• A clone of Turmeric isolated and developed by this worker has been released by the State Variety Release Committee as a variety named <b>SURANJANA</b> in 2003.</li> <li>• This worker remained associated as a breeder in developing a variety of fodder <i>Coix</i> that has already been released as <b>Bidhan coix-1.</b></li> <li>• A variety of Ricebean named as <b>Bidhan ricebean-3</b> has been identified for released at all India level in 2012.</li> <li>• Obtained IC number from NBPGR for the following <ol style="list-style-type: none"> <li>(i) Ricebean -136 genotypes</li> <li>(ii) Sorghum-2 genotypes</li> <li>(iii) Coix-1 genotype</li> </ol> </li> </ul>
Courses teaching	<p>UG Level: (i) Principles of Plant Breeding</p> <p>PG Level : (i) Plant Breeding Methods (PBR 502) (ii) Mutation Breeding (PBR 551)</p> <p>Ph. D. Level: (i) Biodiversity and Plant Breeding (PBR 700) (ii) Modern Concept in Plant Breeding</p>

Research Projects/ supports	<b>Co PI:</b> Development of high yielding, early maturing and small seeded lentil varieties with resistance to key biotic and a biotic stresses, suitable for short season environment. Sponsored by MULLARP
Number of Seminar/ symposium attended	National – 4; International - 2
Number of scholars, you are supervising	Ph. D.: Awarded -3, Continuing -1, M. Sc. : Awarded - 16, Continuing- 2