



**KUVEMPU UNIVERSITY**  
**OFFICE OF THE DIRECTOR**  
**DIRECTORATE OF DISTANCE EDUCATION**



Jnana Sahyadri, Shankaraghatta – 577 451, Karnataka.

Ph: 08282-256246, 256426; Fax: 08282-256370; Website: [www.kuvempuuniversitydde.org](http://www.kuvempuuniversitydde.org)

E-mail: [info@kuvempuuniversitydde.org](mailto:info@kuvempuuniversitydde.org), [ssgc@kuvempuuniversitydde.org](mailto:ssgc@kuvempuuniversitydde.org)

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**TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2010–11)**

**Post-Graduate Diploma in GENETICS**

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*Note: Students are advised to read the separate enclosed instructions regarding submission of Internal Assessment Assignments.*

*Out of 15 Internal Assignment marks per paper, 5 marks will be awarded for regularity (attendance) to Counseling/ Contact Programme classes pertaining to the paper. Therefore, the topics given below are only for 10 marks each paper.*

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**Paper-1: Cytogenetics**

The Cell cycle and its regulation.

**10 Marks**

**Paper-2: Developmental Genetics**

Role of Homeotic genes during early embryonic development of *Drosophila*.

**10 Marks**

**Paper-3: Molecular Genetics**

Antisense RNA Technology and its Applications

**10 Marks**

**Paper-4: Applied Genetics**

Oncogenes and Carcinogenesis

**10 Marks**