

Doctoral thesis

1. Patel K. A. (1960) (i) Cytogenetical and mutation studies in tobacco. (ii) Studies on Cytological effects of some vegetable oils. (M. S. Swaminathan) (Botany)
2. Trivedi B. S. (1968) To explore the possibilities of bringing soil - test crop yield relations within the range of mathematical estimation. (B. V. Mehta) (Botany)
3. Unnikrishnan K. (1968) Ontogeny of axillary buds in some dicotyledons. (J. J. Shah) (Botany)
4. Jacob R. (1968) Studies in Phloem anatomy of certain dicotyledons. (J. J. Shah) (Botany)
5. Poulse K. V. (1968) Morpho-histogenic studies in axillary buds of some dicotyledons. (J. J. Shah) (Botany)
6. Deshpande M. B. (1969) A contribution to the flora of Tuwa, Panchmahal district. Gujarat (G. L. Shah) (Botany)
7. Suryanarayana B. (1969) A contribution to the flora of Dangs-forest, Gujarat. (G. L. Shah) (Botany)
8. Thulasy K. S. (1969) Morpho-histogenic studies in lateral buds of certain dicotyledons. J. J. Shah) (Botany)
9. Patel C. A. (1969) Selenium status of Gujarat soil and fodder. (B. V. Mehta) (Botany)
10. Patel U. R. (1969) Response of wheat to irrigation and nitrogenous manuring. (C.J. Patel) (Botany)
11. Bansal H. C. (1970) Studies on the induction of mutations with special reference to biochemical traits in chilli and polygenic characters in wheat and barley. (M. S. Swaminathan) (Botany)
12. Joshi R. S. (1970) Effects of different moisture regimes and levels of nitrogen on growth yield and Malty hybrid bajri in summer season. (C.J. Patel) (Botany)
13. Dangarwala R. T. (1970) Assessment of micronutrient availability in soils of Kaira and Baroda districts of Gujarat. (B. V. Mehta) (Botany)
14. Patel R. B. (1970) Response of certain varieties of wheat to rate and method of application of nitrogen. (C. J. Patel) (Botany)
15. Yogi D. V. (1970) A contribution to the flora of north Gujarat. (G. L. Shah) (Botany)
16. James M. R. (1971) Studies in the phloem of aquatic angiosperms. (J. J. Shah) (Botany)
17. Seshaiyah B. R. (1971) Study of genetic and environmental factors affecting fruit setting in chillies (*Capsicum annuum* L). (R. M. Patel) (Botany)
18. Patel J. D. (1971) Developmental and anatomical studies in *Solanum melongena* L. and *Capsicum annuum*. (J. J. Shah) (Botany)
19. Singh V. K. (1971) Taxonomical studies on the flora of Rajpipla forest (Eastern part), Gujarat, India. (G. L. Shah) (Botany)
20. Vijaya Gopal B. (1971) Structure and development of stomata in some angiosperms. (G. L. Shah) (Botany)
21. Gulati S. C. (1971) Genetics of some developmental traits and yield components in Barley. (B. R. Murthy) (Botany)
22. Daniel P. (1971) Developmental and anatomical studies in *Pennisetum typhoides* S&H. (J. J. Shah) (Botany)
23. Patel R. M. (1971) Flora of Bulsar and environs, Gujarat. (J. A. Inamdar) (Botany)
24. Patel A. I. (1971) A contribution to the flora of Rajpipla forest (Gora. Rajpipla and Netrang ranges). (G. L. Shah) (Botany)

25. Patel R. C. (1971) Epidermal structure and ontogeny of stomata in some Gentianales and Polymoniales. (J. A. Inamdar) (Botany)
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31. Rao PV 1973 Developmental and anatomical studies in *Cajanus cajan* (Linn) Mill sp. (JJ Shah) (Botany)
32. Bhatt DC 1973 Structure and development of stomata in some Gamopetalae. (JA Inamdar) (Botany)
33. Vyas KJ 1974 A Contribution to the floristics and phytosociology of river Narmada in Gujarat State. (GL Shah) (Botany)
34. Parabia MH 1974 A Contribution to the Cyperaceae of Gujarat State. (GL Shah) (Botany)
35. Kothari IL 1974 Morphohistogenic and developmental studies in garlic *Allium sativum*. (JJ Shah) (Botany)
36. Karatela YY 1975 A Contribution to the floristics and phyto-sociology of the Chhotaudepur forest division in Gujarat State. (GL Shah) (Botany)
37. Kothari MJ 1975 Studies in the Papilionaceae of Gujarat (floristics, stomata and trichomes). (GL Shah) (Botany)
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45. Rao BVN 1977 Effect of physiological pre-conditionings on the growth and development of some crop plants. (RJ Patel, PM Mehta) (Botany)
46. Patel ND 1977 Developmental and anatomical studies in pericarp of some solanaceous fruits. (YS Dave) (Botany)
47. Setia RC 1977 Morphogenetic studies in gum producing plant cells. (JJ Shah) (Botany).
48. Parabia DM 1978 Pollen Flora of Gujarat State. (GL Shah) (Botany)
49. Nair MN B 1978 Structure and development of phloem in Pteridophytes. (JJ Shah) (Botany)

50. Thanki YJ 1979 Development and structure of some cucurbitaceous fruits. (JJ Shah) (Botany)
51. Menon ARR 1979 Floristics and phytosociological studies of some parts of Saurashtra. (GL Shah) (Botany)
52. Yadav SR 1979 A contribution to the Floristics and Phytosociology of some parts of South Gujarat. (GL Shah) (Botany)
53. Bhat RB 1980 Studies in some Taxa of Malvales. (J A Inamdar) (Botany)
54. Gajaria SC 1980 Study of Chlorophyceae of Gujarat-Ulotrichales, Chaetophyales and Cladophorales. (RJ Patel) (Botany)
55. Murthy GSR 1980 Anatomical studies in some Solanaceae. (JA Inamdar) (Botany)
56. Nair GM 1980 Structure and development of phloem in Pteridophytes. (JJ Shah) (Botany)
57. Jawale AK 1980 Study of Charophytes of Gujarat. (RJ Patel) (Botany)
58. Avita SR 1980 Morpho-taxonomic studies in Ranales. (JA Inamdar) (Botany)
59. Reddy PKR 1980 The Structural and developmental studies on the pericarp of some Caesalpiniaceae. (GL Shah) (Botany)
60. Prasad T K 1980 Physio-anatomical studies on shoot buds and root-borne buds of some dicotyledons. (PM Mehta, YS Dave) (Botany)
61. Bhavanarayana K 1981 Physiological studies of fruits. (PM Mehta) (Botany)
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68. Rao KS 1981 Seasonal and ultrastructural studies in the cambium of some tropical trees. (YS Dave) (Botany)
69. Rao MG 1981 Anatomical studies in Papilionoideae-Tribe Trifolieae. (GL Shah) (Botany)
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79. Patel NP 1982 Cellulase production by *Scytalidium lignicola* and some studies on microbial degradation of *Mangifera indica* var Alphonso wood. (JD Desai) (Microbiology)
80. Vaidya HC 1982 Alkaloid production by submerged *Claviceps* sps. strain SD 58: Physiology of phosphate effect. (JD Desai) (Microbiology)
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102. Nair DB 1985 Morphactin regulated growth and development in garlic and onion. (JD Patel) (Botany)
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110. Annapa Reddy Shankara Reddy 1986 Flora of Dharampur district (JA Inamdar) (Botany)
111. Thulaseedharan A 1986 Studies of physio-biochemical parameters of some hybrid varieties of Bajra (*Pennisetum americanum* L(Leeka). (PM Mehta) (Botany)
112. Babu A M 1986 Studies on normal and induced gum/gum-resin producing tissue system in some dicots. (JJ Shah) (Botany)
113. Kurian KP 1986 Biology of *Madhuca indica* (Mahuda). (JJ Shah) (Botany)
114. Ramana Rao TV 1986 Morpho-histogenic studies in the pericarps of some Malvaceae. (YS Dave, JA Inamdar) (Botany)
115. R B Subramanian 1986 Studies in the nectarines of some Bignoniaceae. (JA Inamdar) (Botany)
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122. Dave Giruprasad Ravishankar 1987 Role of plant induced breeding of edible fishes (RJ Patel) (Botany)
123. Sasendranatha menon A R 1987 Micromorphology of some umbelliferous fruits (YS Dave) (Botany)
124. Joy P Joseph 1987 Morphological Studies in Guayale (Rubber) *Parthenium argentatum* Gray. (JJ Shah) (Botany)

125. Kothari Narmada 1987 Morpho histochemical aspect of knot in wood. (JD Patel) (Botany)
126. ML Revathi 1987 Induced discoloration in wood. (JD Patel) (Botany)
127. AVR L Narasimhacharya 1987 Investigations on hormonal factors, integument and certain aspects of breeding biology of the male Indian baya weaver bird, *Ploceus philippinus* L. (VC Kotak) (Zoology)
128. Krishnapasadan TN 1987 Ecophysiology, endocrinological and ultrastructural studies on male rose ringed parakeet, *Psittacula krameri* (Scopoli). (VC Kotak) (Zoology)
129. Sailaja R 1987 Ecophysiology, endocrinological and ultrastructural studies on female rose ringed parakeet, *Psittacula krameri* (Scopoli). (V C Kotak) (Zoology)
130. Narahari Babu 1988 Physiological studies of some fruits of Umbelliferae. (PM Mehta) (Botany)
131. Patel Bhupendrabhai Vitthalbhai 1988 Physiological and biochemical studies on the seed storage viabilities and germination of Soybean (*Glycine max* L. Mabbe J 202) and Jowar (*Sorghum vulgari* per J- 35) seeds. (PM Mehta) (Botany)
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146. Samavedam Satya Sreenivas 1991 Studies on the problem of eutrophication and weed growth in certain ponds of central Gujarat. (BC Rana) (Botany)
147. Maclon Rita R 1991 Physiology and Biochemistry of seed senescence of Red Gram (*Cajanus cajan* (L.) milli sp. (var T-15-15) and Cow Pea (*Vigna unguiculata* L.) walf. Var G1. (PM Mehta) (Botany)

148. Jangala Isaiiah Nirmalakumara 1991 Ecological studies of certain ponds with reference to eutrophication and weed growth around Anand. (BC Rana) (Botany)
149. Bennet RH Russel in 1991 Systematic comparative value of morphogenetic features of fruits in family Papilionaceae (Y S Dave) (Botany)
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162. Gandhi Hemanshu T 1993 Some studies on microbial extracellular polysaccharides. (RM Ray) (Microbiology)
163. Chakraborty Ranjankumar N 1993 Siderophore production by *Pseudomonas stutzeri*-RC7, its characterization and significance. (SB Desai) (Microbiology)
164. Patel Hemantkumar A 1993 Studies on lipid accumulation in and oleaginous yeast *Rhodotorula minuta*. (RM Ray) (Microbiology)
165. Patel Harshada Ray N 1993 Studies on siderophore production by *Rhizobium leguminosarum*. (SB Desai) (Microbiology)
166. Sangeeta Patel 1993 Some Studies on biophysical characterization of *Halobacterium halobium* and its exploitation towards hydrogen production along with Cyanobacteria. (Datta Madamwar) (Microbiology)
167. Patel Vikram B 1994 Some Studies on biomethanation of water hyacinth-cattle dung. (Datta Madamwar) (Microbiology)
168. Desai Manik S 1994 Energy recovery from cheese whey and poultry waste. (Datta Madamwar) (Microbiology)

169. Trivedi Ujval 1994 Factors influencing lipid accumulation in an oleaginous yeast *Pichia Pastoris*. (RM Ray) (Microbiology)
170. Modi Hasmukhmar 1994 Cellulase biosynthesis by *Streptomyces* spp. HM-2G and its application for enzymatic hydrolysis of cellulosic and lignocellulosic wastes. (RM Ray) (Microbiology)
171. Patel Beena N 1994 Study on microbial degradation of cellulosic and lignocellulosic wastes. (KC Patel) (Microbiology)
172. Mercymol Sebastian 1995 Structural studies in some type of roots of angiosperm. (YS Dave) (Botany)
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178. Joseph Udaya A 1996 Impact of mycorrhiza in Agriculture technology. (IL Kothari) (Botany)
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180. Sabu PM 1996 Acanthacean Capsule: development, histology and dehiscence of some indigenous species. (YS Dave) (Botany)
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189. .Kurari Venkatasathesh kumar 1997 Physio-biochemical status of senescence and ageing of flower and flower parts of some ornamental and vegetable flowers. (PM Mehta) (Botany)

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202. Mini SN 1998 Physio-biochemical status on interaction of algal and higher plant extracts during the germinating seedling growth and development of some crop plants. (PM Mehta, SC Gajaria) (Botany)
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204. Sujata Bhatt 1998 Some endocrine factors and physiology of integument in male Indian baya weaver bird, *Ploceus philippinus* L. (AVRLN Acharya) (Zoology)
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211. Bhattacharya Raktima R 2000 Advanced glycosylation of biomolecules in Diabetes Mellitus. (Kiran Kalia) (Biochemistry)
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214. Venkateswara Reddy G 2001 Bioconversion of banana waste into protein by two *Pleurotos* spp. (*P. ostreatos* & *P. sasorcaju*)- biotechnological approach. (IL Kothari) (Microbiology)
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