

## RIWAYAT HIDUP

**Prof. Dr. Ir. Hadi K. Purwadaria IPm**

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Unit Kerja : Jurusan Mekanisasi Pertanian  
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### PENDIDIKAN

Ph.D., Agricultural Engineering, Michigan State University, 1980  
M.S. , Agricultural Engineering, Michigan State University, 1977  
Ir., Mekanisasi Pertanian, Institut Pertanian Bogor, 1973

### PELATIHAN

1. Research Management in Post Harvest Technology. Silsoe College, Cranfield Institute of Technology, UK, May-June, 1985.
2. Soybean Processing Technology. University of Illinois, Champaign-Urbana, Illinois, USA, May, 1981.

### SERTIFIKASI

Insinyur Profesional Madya, PII, Indonesia, 1997.

## **PENGALAMAN KERJA**

1. Manajer Inkubator Agrobisnis dan Agroindustri IPB, 1994-sekarang.
2. Ketua Komisi Pengabdian kepada Masyarakat, FATETA-IPB, 1993-sekarang.
3. Ketua Program Studi S-2 Teknologi Pasca Panen, Program Pasca Sarjana, IPB, 1986-sekarang.
4. Ketua Komisi Pendidikan, Jurusan Mekanisasi Pertanian, FATETA-IPB, 1983-1995, Anggota, 1995-sekarang.
5. Kepala Laboratorium Teknik Pengolahan Pangan dan Hasil Pertanian, Fateta, IPB, 1981-sekarang.
6. Staf Pengajar Fateta IPB, 1973-sekarang
7. Pembantu Dekan I, Fateta, IPB, 1981-1983.
8. Kepala Bagian Alih Teknologi, Pusat Pengembangan Teknologi Pangan, IPB, 1980-1987

## **PENGALAMAN MENGAJAR**

### Asisten Mata Kuliah S-1

1. Fisika, 1966-1972
2. Mesin-mesin Pengolahan Pangan, 1969-1974
3. Pengeringan, 1969-1974
4. Metode Penyajian Ilmiah, 1971-1974
5. Bahasa Inggris, 1973-1974

### Dosen Koordinator Mata Kuliah S-1

1. Teknik Pengolahan Pangan, 1980-sekarang
2. Termodinamika Dan Pindah Panas, 1981-sekarang
3. Dasar-dasar Teknik, 1981-1984
4. Analisis Sistem untuk Industri Pangan, 1983
5. Teknik Pasca Panen Tanaman Pangan, 1983-sekarang
6. Teknologi Pengawetan Pangan, 1985-sekarang
7. Metode Penyajian Ilmiah, 1996-sekarang

### Dosen Koordinator Mata Kuliah S2-S3

1. Teknik Pengolahan Pangan Lanjut, 1981-sekarang
2. Teknik Penanganan Pasca Panen, 1986-sekarang
3. Analisis Numerik, 1981-sekarang
4. Metode Penelitian untuk Teknologi Pasca Panen, 1996-sekarang

### **PEMBIMBINGAN MAHASISWA**

1. Telah membimbing 3 mahasiswa dan sedang membimbing 2 mahasiswa program Doktor sebagai Anggota Komisi, serta sedang membimbing 3 mahasiswa lain sebagai Ketua Komisi.
2. Telah membimbing 21 mahasiswa program Magister sebagai Ketua Komisi dan 17 mahasiswa sebagai Anggota Komisi. Sedang membimbing 2 mahasiswa program Magister sebagai Ketua Komisi dan 2 mahasiswa lain sebagai Anggota Komisi.
3. Telah membimbing 114 mahasiswa program Sarjana sebagai Pembimbing Utama dan sedang membimbing 8 mahasiswa lain.

## KEGIATAN PENELITIAN DAN KONSULTANSI

1. Pengembangan Model Kemasan Modified Atmosphere Untuk Buah Tropika Terolah Minimal dan Terlapis Film Dapat Dimakan (URGE-Depdikbud), 1997-1999.
2. Pengembangan Mesin Pemanen Padi Tipe Sisir (GTZ-IRRI-Deptan), 1994-1996.
3. Rancang Bangun Mesin Sortasi Mangga Dengan Metode Non-Destruktif (RUT), 1994-1996.
4. Pengkajian dan Prospek Kredit Untuk Mesin Pertanian (BAPPENAS), 1995.
5. Potensi Komersial Pusat Hortikultura di Beberapa Propinsi Indonesia (ADP), 1995. Anggota.
6. Kebijakan dan Strategi Mekanisasi Pertanian di Indonesia (FAO-Deptan), 1994. Anggota.
7. Pengkajian Sistem Penanganan Pasca Panen dan Tataniaga Kemiri (ATIAMI-Deperind), 1995.
8. Studi Perbandingan Sistem Perontokan Padi di Sumatera Barat (ATIAMI-Deperind), 1994.
9. Komersialisasi Mesin Perontok Multiguna di Jawa Barat (SEARCA), 1994-1996.
10. Pengembangan Alat Pengering Hasil Hortikultura (IDRC), 1990-1993.
11. Pengembangan Sistem Penanganan Pasca Panen Kedelai (AGPP-BULOG), 1990-1993.
12. Pengembangan Teknologi Sistem Pasca Panen Palawija (FAO-Deptan), 1987-1990.
13. Pengkajian Kemampuan Sistem Pasca Panen di KUD dan Penggiling Swasta (IDRC-BULOG), 1986-1987.
14. Pengembangan Pengering Model Sumur untuk Tingkat Pedesaan (ASEAN Crops Post Harvest Programme), 1986-1987.

15. Pengkajian Pengembangan Industri Peralatan Pertanian Di Indonesia (Departemen Perindustrian), 1984-1985.
16. Pengembangan Industri Rumah Tangga Makanan Tradisional di Yogyakarta (UNFPA-BKKBN), 1983-1986. Anggota.
17. Sorpsi Isotermi Biji-Bijian dan Penerapannya untuk Lumbung Penyimpanan (IPB), 1982-1984.
18. Rancangan Dan Pengembangan Peralatan Pengolahan Pangan Untuk Industri Kecil (Departemen Perindustrian), 1981-1983.
19. Pengering Energi Surya Untuk Hasil Pertanian (IPB), 1981-1982.
20. Rancangan Dan Pengembangan Lumbung Biji-Bijian untuk Tingkat Pedesaan (United Nations Universities), 1980-1981. Anggota.

## BUKU

1. Purwadaria, H.K. 1989. Teknologi Penanganan Pasca Panen Jagung. Edisi Kedua. Deptan-FAO, UNDP. INS/088/007.
2. Purwadaria, H.K. 1989. Teknologi Penanganan Pasca Panen kedelai. Edisi Kedua. Deptan-FAO, UNDP. INS/088/007.
3. Purwadaria, H.K. 1989. Teknologi Penanganan Pasca Panen Ubi Kayu. Deptan-FAO, UNDP. INS/088/007.
4. Purwadaria, H.K. 1989. Teknologi Penanganan Pasca Panen Kacang Tanah. Deptan-FAO, UNDP. INS/088/007.
5. Purwadaria, H.K dan U. Ahhmad. 1990. Pedoman Responsi Teknik Pengolahan Pangan. JICA-ADAET/IPB, Bogor.
6. Purwadaria, H.K dan P. Mahdar. 1990. Pedoman Praktikum Teknik Pengolahan Pangan. JICA-ADAET/IPB, Bogor.
7. Purwadaria, H.K dan Suorso. Pedoman Responsi Termodinamika dan Pindah Panas. 1991. JICA-ADAET/IPB, Bogor.

8. Djojomartono, M. dan H.K. Purwadaria. Pengantar Pembuatan Program Komputer Dalam Basic dan Fortran IV. 1990. JICA-ADAET/IPB, Bogor.
9. Purwadaria, H.K., E. Nugroho dan Suroso. 1991. Termodinamika Teknik. JICA-ADAET/IPB, Bogor. Suntingan.

## **PUBLIKASI**

### *Internasional*

1. Purwadaria, H.K. and I W. Budiastra. 1997. Computer Cotrolled On Line System for Mango Grading Using Image Processing and NIR Measurement. Accepted for GAU/IFAC 2<sup>ND</sup> International Symposium on Mathematical Modelling and Simulation in Agricultural and Bio-industries. Budapest, Hungary, 7-9 May, 1997.
2. Purwadaria, H.K., Sutrisno, K. Sulistiadji, E.E. Ananto, and R. Thahir. 1996. Development of Stripping Type Harvester (IRRI SG-800) in Indonesia. International Seminar on Recent Development on Agricultural Machinery for Post Production Handling of Rice. Surabaya, Indonesia, 9-11 December 1996.
3. Purwadaria, H.K. 1966. Dissemination of Technology for Small Scale Enterprises: Indonesian Expeiencees. Seminar on Tropical Agriculturae in the Global Market, 39 th IAAS World Congress, Bogor, Indonesia, 23-24 Juli 1996.
4. Saputra, D., I W. Budiastra, and H.K. Purwadaria. 1995. Classification of Mango by Near Infrared Diffuse Reflectance.

Paper for the 4<sup>th</sup> Food Processing Automation Conference. Chicago, Illinois, USA, 3-5 November 1995.

5. Dharmaputra, O.S., H.K. Purwadaria, H. Susilo and S. Ambarwati. 1995. The Effects of Drying and Shelling on Fusarium SPP. Infection and Fusarium Toxins Production of Maize. International Conference on Grain Drying in Asia. Bangkok, Thailand, 17-20 October 1995.
6. Purwadaria, H.K. 1995. Problems and Priorities of Grain Drying in Indonesia. International Conference on Grain Drying in Asia. Bangkok, Thailand 17-20 October 1995.
7. Purwadaria, H.K. 1995. Physical Factors Affecting Grain Drying and Storage Systems in Humid Tropics. Training Course on Pest Management for Stored Food and Feed. Bogor, Indonesia, 22 August-16 September, 1995.
8. Dharmaputra, O.S., I. Retnowati, H.K. Purwadaria, and H. Susilo. 1995. The Effects of Drying and Shelling on *Aspergillus flavus* Infection and Aflatoxin Production of Maize. Symposium on Pest Management for Stored Food and Feed. Bogor, Indonesia, 5-7 September, 1995.
9. Dharmaputra, O.S., I. Retnowati, H.K. Purwadaria, and M. Sidik. 1995. Surveys on Postharvest Handling, *Aspergillus Flavus* Infection and Aflatoxin Contamination of Maize Collected from Farmers and Traders. 17<sup>th</sup> ASEAN Technical Seminar on Grain Postharvest Technology. Lumut, Perak, Malaysia, 25-27 July, 1995

10. Purwadaria, H.K., I W. Budiastara, and D. Saputra. 1995. Near Infrared Reflectance Testing to Predict Sucrose and Malic Acid Concentrations of Mangoes. Proceedings First IFAC/CIGR/EURAGENG/ISHS Workshop on Control Applications in Post Harvest and Processing Technology. Ostend, Belgium, 1-2 June, 1995.
11. Budiastara, I W., and H.K. Purwadaria. 1995. Commercialization of Mechanical Soybean Thresher in West Java, Indonesia. Third and Final Regional Workshop of the Post Production Research Application Project. Laguna, Philippines, 29-31 March, 1995.
12. Purwadaria, H.K. and E.E. Ananto. 1994. Development of Stripping and Threshing Type Harvester : 1<sup>st</sup> Report. Workshop on Postharvest Technologies for Rice in the Humid Tropis I. Ho Chi Minh City, Vietnam, October, 1994.
13. Purwadaria H.K. 1993. Promoting the Powered Soybean Thresher Among Farmers and Farmer Group. Special Topics Workshop on Extention Experiences of AGPP Country Projects. Denpasar, Indonesia, 20-22 April, 1993.
14. Purwadaria, H.K. and S. Hendrakusumaatmadja. 1994. Commercialization of Mechanical Soybean Thresher in East Java, Indonesia. Paper for Second PPRA Regional Workshop, Ho Chi Minh City, Vietnam, 18-19 April, 1994.



15. Purwadaria, H.K. 1993. Department of Agricultural Engineering, Institut Pertanian Bogor (IPB), Indonesia : Resources and Programs in Postharvest Sector. Project Planning Workshop on Postharvest Technologies for Rice in the Humid Tropics. GTZ-IRRI, Los Banos, Philippines, 4-6 October, 1993.
16. Purwadaria, H.K. 1993. Development of A Passive Crop Dryer for Use at the Village Level. Paper for 16th ASEAN Seminar on Grain Postharvest Technology, Phuket, Thailand, 24-26 August, 1993. Received Best Paper Award.
17. Purwadaria, H.K and A.R. Elepaño. 1993. Finite Element Application in Passive Crop Drying. CSAE/ASAE Paper No. 936029. CSAE/ASAE 1993 International Summer Meeting, Spokane, Washington, USA, 20-23 June , 1993.
18. Purwadaria, H.K. and S. Hendrakusumaatmadja. 1993. Feasibility Study on Mechanical Soybean Thresher in West Java, Indonesia. Paper presented at the 1st PPRA/SEARCA Annual Regional Workshop, Bangkok, Thailand, 14-16 April, 1993.
19. Darmawati, E., H.K. Purwadaria and H. Adinegoro. 1992. Simulation Model for Fruit Packaging Inside Corrugated Board Container During Truck Transportation.. Proceedings Advances in Agricultural Engineering and Technology, Vol II. Bogor, Indonesia, 12-15 October, 1992.
20. Murase, H., H.K. Purwadaria, Suroso and U. Ahmad. 1992. Biological Systems Model Using Kalman Filter Neural Networks. Proceedings, Advances in Agricultural Engineering and Technology. Vol II. Bogor, Indonesia, 12-15 October, 1992.

21. Purwadaria, H.K. 1992. Post Harvest Technology Curriculum-Improvement Toward ASEAN Graduate Program. Paper in Curriculum Development Workshop. Cipanas-Indonesia, 22-23 January, 1992.
22. Purwadaria, H.K. 1991. Indonesian Proposal on Application and Utilization of Post Production Research Results. Pre-planning Workshop on Post Production Research Application. Manila, Philippines, 2-3 December, 1991.
23. Purwadaria, H.K., K. Sulistiadji, A. Ahmad and Soedjatmiko. 1991. Interrelationship Among Soybean Moisture Content, Drum RPM, and Concave Distance of TH6-VS Oriza Thresher and Their Impacts on Machine Capacity and Soybean Quality. Paper at the 14th ASEAN Seminar on Grain Postharvest Technology. Manila-Philippines, 5-8 November, 1991. Received Best Paper Award.
24. Purwadaria, H.K. 1991. Current Research in Heat and Mass Transfer and Their Application in Improving Food Processing Operations in Indonesia. Proceedings Paper in International Workshop on Role of Food Engineering Research in the Development of Indonesian Food Industry. Jakarta-Indonesia, 2-6 September, 1991. Published by CRC.
25. Purwadaria, H.K. 1991. Physical Factors Affecting Grain Drying and Storage Systems in Humid Tropics. Paper in 4th Training Course on Pests of Stored Products. Bogor-Indonesia, 8 January-12 February, 1991.

26. Brontowaluyo, S., H.K. Purwadaria, Y.Sagara, M.S. Tirtosoekotjo and A.M. Syarief. 1990. Studies on Mechanical Impact on Packed Citrus During Simulated Truck Transportation. Proceedings. 3<sup>rd</sup> Joint Seminar on Agricultural Engineering and Technology. Bogor-Indonesia, 8-9 October, 1990.
27. Utama, IM.S., H.K. Purwadaria, M.S. Sinaga and P. Wahid. 1990. The Effects of Storage Temperature of Green Vanilla Beans on the Field and Quality of Cured Beans. Proceedings. 3<sup>rd</sup> Joint Seminar on Agricultural Engineering and Technology. Bogor-Indonesia, October 8-9, 1990.
28. U. Rosidah, H.K. Purwadaria, K. Fujii, Y Sagara and A.M Syarief. 1990. Studies on Rheological Properties of Jackfruit Juice Under Heating Temperature. Proceedings. 3<sup>rd</sup> Joint Seminar on Agricultural Engineering and Technology. Bogor-Indonesia, 8-9 October, 1990.
29. Purwadaria, H.K. 1990. Development of Soybean Threshing System in Indonesia. Paper. ASEAN Seminar on Grain Postharvest Technology. Bandar Seri Begawan, Brunei Darussalam, 4-7 September, 1990.
30. Purwadaria, H.K., Y. Sagara, K. Abdullah, K. Fujii, M.A Dhalhar and M. Djojomartono. 1989. Editors. Proceedings of 2<sup>nd</sup> Joint Seminar JICA-IPB. Bogor-Indonesia, 8-9 August, 1989.
31. Dahlan, D., H.K Purwadaria, S. Rusli, P. Wahid and A.M. Syarief. 1989. Mathematical Model to Predict the Effect of Steam Pressure on Distillation Rate of Patchouly Oil. Proceedings.

Second Joint Seminar on Agricultural Engineering and Technology.  
Bogor, Indonesia, 8-9 August, 1989.

32. Setiawan Y.Y., H.K. Purwadaria and T. Supriyanto. 1989. Behaviour of Variables in Modified Atmosphere System of Fresh Tomatoes. Proceedings. 2<sup>nd</sup> Joint Seminar on Agricultural Engineering and Technology. Bogor, Indonesia, 8-9 August, 1989.
33. Purwadaria, H.K. 1989. Postharvest Handling of Grains and Perishables. Paper in the 20<sup>th</sup> Training Program on Development Strategies and Planning for Farmer Communities. Ciawi, Indonesia, 5-6 June, 1989.
34. Purwadaria, H.K., A.M. Syarief and M. Djojmartono. 1988. Acceptability Analysis of Pit Dryer for Secondary Food Crops in Indonesia. 11th ASEAN Technical Seminar on Grain Postharvest Technology, Kuala Lumpur, Malaysia, 23-26 August, 1988.
35. Purwadaria, H.K. 1988. Postharvest Handling of Perishables. Paper in the 17<sup>th</sup> Regional Training Programme on Development Strategies and Planning for Farmer Communities. Ciawi-Indonesia, 30 May-11 June, 1988.
36. Purwadaria, H.K. 1988. Special Topics Workshop on Pilot Projects in Grain Post Harvest Technology. Kuala Lumpur, Malaysia, 7-10 June, 1988.
37. Purwadaria, H.K. 1987. Studies on the Maize Postharvest Handling System at the Village Unit Cooperatives (KUD) Level in Indonesia. 10th Annual ASEAN Technical Seminar on Posthar-

- vest Technology, Bangkok, Thailand, 19-21 August, 1987. Received Best Paper Awards.
38. Soemangat, A.M. Syarief, D. Subekti and H.K. Purwadaria. 1987. Studies on Maize Pit Dryer at the Village Level in Yogyakarta, Indonesia, 10th Annual ASEAN Technical Seminar on Postharvest Technology, Bangkok, Thailand, 19-21 August, 1987.
  39. Abdullah, K., J. Kumendong, H.K. Purwadaria and S. Sadjad. 1987. Sorption Isotherms and Heat of Sorption of Corn and Rough Rice, 10th Annual ASEAN Technical Seminar on Postharvest Technology, Bangkok, Thailand. 19-21 August, 1987.
  40. Purwadaria, H.K. 1987. Soybean Post Harvest Handling System in Indonesia : A Case Study in Lampung. Paper in Soybean Postharvest Workshop. Bangkok-Thailand, 7-9 April, 1987.
  41. Purwadaria, H.K. 1986. Agricultural Extension Services in Indonesia : Grain Postharvest Technology Extension Program. ASEAN Regional Workshop on Integration of Grains Post Harvest Technology in Agricultural Extension, Manila, Philippines, 8-12 December, 1986.
  42. Purwadaria, H.K. 1985. Research Programme on Rice Processing in Indonesia. Paper for Regional Workshop on Rice Processing Industries, Jakarta, Indonesia, 15-20 July, 1985, FAO-BULOG.
  43. Purwadaria, H.K., T. Purwanegara and M. Djojmartono. 1984. Development of Sorghum Polisher for the Village Level. Proceedings. International Symposium and Exposition on

Agricultural Products Processing and Technology. Bogor, Indonesia. 31 July-2 August, 1984.

44. Winarno, F.G., S. Mujumdar and H.K. Purwadaria. 1984. The Development of Energy Conserving Technology for the Post Harvest System of Food in Indonesia. Workshop on Energy Conserving Technology for the Post Harvest System. Warsaw, Poland. 28 May-1 June, 1984.
45. Purwadaria, H.K. and D.R. Heldman. 1982. A Finite Element Model for Prediction of Freezing Rates in Food Products with Anomalous Shapes. Transactions of the ASAE, vol. 25(3): 8277-832, 1982.
46. Purwadaria, H.K. 1982. Solar Energy Conversion for Agricultural Products. Workshop on Green Energy for Regional Development, Indonesia - Japan. Bogor, Indonesia. 29-30 September, 1982.
47. Purwadaria, H.K. 1981. Grain Storage Development for the Village Level in Indonesia. Proceeding. Regional Seminar on Appropriate Mechanization for Rural Development in the ASEAN Countries, Jakarta, Indonesia, 26-31 January, 1981.
48. Purwadaria, H.K. and D.R. Heldman. 1980. Computer Simulation of Vitamin Degradation in a Dry Model Food System During storage. Journal of Food Process Engineering, Vol.3(1):7-28. 1980.

49. Purwadaria, H.K. 1980. *Appropriate Technology to Improve Nutrition Status of the Poor. The Third Asian Congress of Nutrition, Jakarta Indonesia. 6-10 October, 1980.*

### Nasional

1. Purwadaria, H.K. 1997. *Pola Kemitraan Usaha Kecil. Makalah Pelatihan Strategi Pengembangan Usaha Kecil, Jakarta, 26 Pebruari - 23 Maret 1997.*
2. Purwadaria, H.K. 1997. *Perencanaan Strategis Usaha Kecil. Makalah Pelatihan Strategi Pengembangan Usaha Kecil, Jakarta, 26 Pebruari - 23 Maret 1997.*
3. Purwadaria, H.K. 1997. *Pedoman Penyusunan Usulan Penelitian. Penataran dan Lokakarya Penelitian dan Pengabdian Kepada Masyarakat di Lingkungan Politeknik, Bandung, 9-12 Januari 1997.*
4. Purwadaria, H.K. dan M. Hubeis. 1997. *Pola Subkontrakting pada Usaha Agroindustri : Studi Kasus di IAA-IPB. Lokakarya Terbatas Pola Kerjasama Sistem Subkontrakting antara Koperasi dan Badan Usaha Lainnya, Jakarta, 4 Januari 1997.*
5. Purwadaria, H.K. 1996. *Pengembangan Industri Pangan Skala Kecil. Insinyur Indonesia XVIII (43):56-58. 1996.*
6. Purwadaria, H.K. 1996. *Pelayanan Teknologi dan Pembinaan Pengusaha Kecil Melalui Inkubator Agrobisnis dan Agroindustri IPB. Insinyur Indonesia XVIII (41):32-34. 1996.*

7. Putrwadaria, H.K., S.S. Harjadi dan S. Manuwoto. 1996. Pembangunan Hortikultura Berkebudayaan Industrial. Makalah Temu Pakar I Pembangunan Pertanian Yang Berkebudayaan Industrial. Cipayung, Jawa Barat, 21, 23 Desember 1996.
8. Purwadaria, H.K. 1996. Pengalaman Pelaksanaan Program Inkubator di Perguruan Tinggi: IAA-IPB. Seminar Nasional Internalisasi Program Inkubator Bisnis Dalam Pembinaan Usaha Kecil Menengah dan Koperasi di Indonesia, Cipayung, Oktober 1996.
9. Sumardi, H.K. Purwadaria dan Sutrisno. 1996. Pengkajian Awal Penyimpanan Durian Segar Dengan Atmosfir Terkendali. Makalah Seminar Peranan Teknik Pertanian Dalam Era Pertanian Yang Berkelanjutan Serta Berwawasan Ilmu Pengetahuan Dan Teknologi, Bogor, 18 Juni 1996.
10. Purwadaria, H.K. 1996. Inkubator Bisnis sebagai Pilihan Pengembangan Pengusaha Kecil. Makalah Kuliah Tamu Program Studi MM Agribisnis IPB. Bogor, 27 Mei 1996.
11. Budiastira, I.W., H.K. Purwadaria dan D. Saputra. 1995. Penerapan Teknologi NIR untuk Peramalan Kandungan Gula dan Asam dalam Mangga. Proceedings KIPNAS VI, Serpong, 12-16 September, 1995.
12. Purwadaria, H.K. 1995. Studi Kasus, Inkubator Agrobisnis dan Agroindustri-IPB, Bogor. Lokakarya Pengembangan Inkubator, Jakarta, 30 Juni 1995.



13. Budiastara, I.W., H.K. Purwadaria dan D. Saputra. 1995. Pengkajian Karakteristik Sifat Fisik Mangga Gedong dengan Image Processing. Seminar PERTETA, Bogor, 13-14 Maret 1995.
14. Purwadaria, H.K. 1995. Pengembangan Inkubator untuk Agribis dan Agroindustri. Temu Usaha Pengusaha Kecil dan Mitra Usaha, Bogor, 13-14 Januari 1995.
15. Purwadaria, H.K. dan I W. Budiastara. 1994. Komersialisasi Mesin Perontok Padi dan Kedelai di Jawa Barat. Lokakarya Komersialisasi Hasil Penelitian : Model Pengembangan Mesin Perontok Padi oleh Pengusaha Kecil, Bogor, 25 Oktober 1994.
16. Purwadaria, H.K. 1994. Alat dan Mesin Pasca Panen untuk Pengolahan Primer Hasil Hortikultura. Pertemuan Teknis Penanganan Pasca Panen, Pengolahan, dan Mekanisasi Hasil Hortikultura, Jakarta, 6-7 September 1994.
17. Purwadaria, H.K., D. Fardiaz dan IB.P. Gunadnya. 1994. Studi Kemasan *Modified Atmosphere* untuk Salak. Seminar Hasil-hasil Penelitian PAU Pangan dan Gizi, Bogor, 5 Pebruari 1994.
18. Purwadaria, H.K. 1993. Mesin dan Peralatan untuk Penanganan Segar dan Pengolahan Primer Hasil Hortikultura. Pelatihan Penanganan Pasca Panen Hasil Hortikultura. Jakarta-Bandung, 19-24 Juli 1993.
19. Purwadaria, H.K. dan Soegiyono. 1993. Kinerja Alat Pengering Hasil Hortikultura. Lokakarya Penerapan Alat Pengering Hasil Pertanian, Yogyakarta, 27 Mei 1993.

20. Purwadaria, H.K. 1993. Strategi, Program dan Koordinasi Riset dan Teknologi untuk Alat dan Mesin Pertanian : Aspek Pengembangan Sumber Daya Manusia. Temu Koordinasi Riset dan Teknologi Nasional XI, Jakarta, 21-22 Mei 1993.
21. Budiastira, I W. dan H.K. Purwadaria. 1993. Penanganan Pasca Panen Buah-buahan dan Sayuran dalam *Packing House*. Pelatihan Pasca Panen Buah-buahan dan Sayuran, Bogor, 10-15 Mei 1993. Co-author.
22. Purwadaria, H.K. dan IB.P. Gunadnya. 1992. *Modified Atmosphere Packaging* untuk Buah-buahan dan Sayuran. Seminar Penanganan dan Pngolahan Buah-buahan dan Sayuran, Bogor, 21 Nopember 1992.
23. Purwadaria, H.K. 1992. Sistem Pengangkutan Buah-buahan dan Sayuran. Pelatihan Teknologi Pasca Panen Buah-buahan dan Sayuran, Bogor, 24 Pebruari 1992.
24. Purwadaria, H.K. 1991. Pengembangan Alat Pengering Hasil Pertanian untuk Tingkat Pedesaan. Lokakarya Pengeringan dan Penanganan Biji-bijian, Cibitung, 17-22 Desember 1991.
25. Purwadaria, H.K. 1991. Prospek Implementasi Sistem Penanganan Curah Biji-bijian pada Sektor Pertanian dan Industri. Seminar Sistem Penanganan Curah Biji-bijian, Jakarta, 18 September 1991.
26. Purwadaria, H.K. dan Soedjatmiko. 1991. Desain dan Manufaktur Alat dan Mesin Pengolahan Pangan. Seminar Pangan, Jakarta, 23 Mei 1991.

27. Purwadaria, H.K. 1990. Pengolahan Benih Biji-bijian. Pelatihan Pengolahan Benih, Serpong, 19-22 Desember 1990.
28. Purwadaria, H.K., M. Rusmono dan Y. Setiawan. 1990. Model Simulasi Peramalan Umur Simpan Tomat Segar dalam Kemasan *Modified Atmosphere*. Seminar Hasil-hasil Penelitian IPB, Bogor, 28 April 1990.
29. Purwadaria, H.K. 1989. Konsepsi Pengembangan Peralatan Pasca Panen Palawija Untuk Pedesaan. Seminar dan Kongres Perhimpunan Ahli Teknik Pertanian Indonesia, Malang, 19-21 Januari 1989.
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2. Alpha Epsilon, 1976-1980.
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4. Persatuan Insinyur Indonesia, 1996-sekarang.

### **KEGIATAN LAIN**

1. Member of Indonesian Delegate for APEC Human Resources Development Group, Sydney, Australia, 21-26 January, 1997.
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3. Anggota Komisi Teknis Intelligent Control in Agricultural Automation, International Federation of Automatic Control, 1995-sekarang.

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5. Anggota Panel Pakar RUK 1995, Anggota Panel Pakar RUT 1995-1996, Anggota Panel Pakar Penelitian In-house Sektor 16 1994-1996, dan Anggota Panel Pakar Penelitian dan Pengabdian kepada Masyarakat untuk Politeknik, 1996-sekarang.
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