

Research Directory

Student, GNIT

Summary of Publications

Dept	National Journal	National Seminar/Conference	International Journal	International Seminar/Conference	
CSE	0	0	6	0	6
ECE	0	0	5	1	6
EE	0	0	0	0	0
IT	0	0	1	3	4
FT	2	8	0	10	20
AEIE	0	0	0	0	0
ASH	0	0	0	0	0
CA	0	0	2	0	2
	2	8	14	14	38

Publications Details

DEPARTMENT: CSE

International Journal

- **Anirban Roy: "Microcontroller Based Universal Asynchronous Receiver Transmitter (UART) Communication System"** published in International Journal of Engineering Development & Research, ISSN :2321-9939, Volume 4, Issue 2, Impact factor: 3.97, April 2016
- **Angika Roy: " Internet of Things (IOT) based Smart Health Care System"** published in International Journal of Engineering Development & Research ISSN:2321-9939, Volume 4, Issue 2, Impact factor: 3.97, April 2016
- **Swatilekha Saha: " Discrete Cosine Transform based Steganographic Approach Using JPEG Quantization Table"** published in International Journal of Engineering Development & Research, ISSN :2321-9939, Volume 4, Issue 2, Impact factor: 3.97, April 2016

- **Swatilekha Saha:** "A Novel Approach: Architecture Based Various Designing Issues on Wireless Sensor Network Environment ", International Journal of Engineering Development & Research ISSN:2321-9939, Volume 4, Issue 2, Impact factor: 3.97, April 2016
- **Reyad Hossain:** "Implementation of Hand biometrics on mobile devices" published in Gurukul International Multidisciplinary Research Journal, ISSN:2394-8426, **Volume 6, Issue 2**, Volume , Impact factor: 2.254, March 2016
- **Supriya Das** "Encryption Key Generation by Using Biometric approach in Secure Data Packet Transfer" published in International Journal of Engineering Development & Research, April 2016

DEPARTMENT: IT

International Seminar / Conference

- **Prabhakar Kumar, Hardip Singh Kataria** "Congestion control approach by reducing the number of messages in VANET" 4th International Conference on Reliability, Infocom technologies and Optimization (ICRITO 2015) September 2-4, 2015.
- **Pramit Karmakar,** "Prebond TSV Based 3D-SIC Testing", International Conference on Current Research in Engineering Science and Technology (ICCREST-2016), 4th to 6th MAY, 2016
- **Sreya Bhattacharya,** "Next Generation Sequencing Technology", International Conference on Recent Trends in Engineering and Technology (ICRTET-2016) May 15th, 2016

International Journal

- **Md. Shahriq Khan,** "Congestion Control in VANET Using Threshold Based Distance Metric with Time Synchronization Approach, International Journal of Innovations in Engineering and Technology (IJET) ISSN: 2319 – 1058

DEPARTMENT: FT

National Seminar / Conference

- **Paushali Sinha, Mandira Bhowmick,** "Preparation of Ice Lolly using Beet color", Beverage & Food World (National)", July, 2015
- **Sanjana Chakraborti,** "Advancement in Packaging of Milk and Milk Products." National Seminar on a theme "Dairying: Innovative Technology Initiatives in Production and Processing", organized by Indian Dairy Association (EZ), held on at West Bengal Veterinary Council Bhawan Auditorium, Belgachia, Kolkata, W.B., 12th March, 2016

- **Sudipta Sain, Dipsikha Mukherjee,**”Food Packaging: Innovation for the future. “Seminar on 7th All India Inter College Academic Meet-2016 & Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016.
- **Sreemoyee Moitro,Sukanya Kar,**” Role of Functional Ingredients in Functional Foods”Seminar on 7th All India Inter College Academic Meet-2016 & Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016.
- **Ankita Kundu, Bhaswati De,**”Study on effect of drying on banana chips”Seminar on 7th All India Inter College Academic Meet-2016 & Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016
- **Anusree Modak, Nilanjana Mishra,**”Fortification of Sesame Seed Meal in Cookies Formulation”,Seminar on 7th All India Inter College Academic Meet-2016 &Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016.
- **Sreyasi Deb,**”Energy Drinks”Seminar on 7th All India Inter College Academic Meet-2016 & Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016
- **Chendrima Basu, Priyanka Dasgupta,**”Characterization of Aloe vera and Development of Different Aloe vera Products”Seminar on 7th All India Inter College Academic Meet-2016 & Innovative model competition for a sustainable society, organized by FOSET, at Kolkata, W.B.13th March, 2016

National Journal

- **Mandal P,Jha P :** “Development and Evaluation of Quality of Carrot Fortified Chips” Beverage & Food World Journal (National) November 2015,Vol.42,No.11,pp 46-48,ISSN: 0970-6154.
- **Dipsri** “A Comparative Study on Drying Kinetics of Tray Dried Cucumber Under Different Temperature and Their Physicochemical Properties” Beverage & Food World Journal (National) December 2015, Vol.42,No.12,pp 46-50,ISSN:0970-6154.

International Seminar / Conference

- **Manasi Roy , Chandrani Dutta,**”Utilization of By-Products from Egg and Egg Product Industries International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Sanjana Chakraborti, Ushnil Dutta,**”Sustainable & Edible Packaging-When food gets Wrapped International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.

- **Smita Singha Roy, Lara Maity,**”Effect of Processing on the Functional Properties of Pulse Based Cabbage Soup International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Lara Maity, Smita Singha Roy,**” Effect of Fortification of Raisin and Dates in Milk” International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Subham Mukherjee, Bornini Banerjee,**”Fortified Vegetable Pudding: Technology and Quality Control ”International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Subhajit Basu, Ankita Kundu, Bhaswati De, Sk. Nazim Ahmed,**”Nutraceutical Application and Value Addition of Banana Chips” International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India, 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Bornini Banerjee, Subham Mukherjee,** “Preparation and Characterization of Value Added Banana Chips”,International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India, 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Mainak Ghosh, Saikat Gorai,**”Development of a value added fermented nutra beverage from Madhuca latifolia flower” International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India, 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Arunima Mukherjee,**”Development of Different Products from Wood Apple “International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India, 5th and 6th April 2016, IJCN: ISSN:0971-9210.
- **Sruti Mandal,**”Aloe vera: A Functional Ingredient of Food”International conference on ‘Recent Advances in Food Processing and Biotechnology’, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India 5th and 6th April 2016, IJCN: ISSN:0971-9210.

DEPARTMENT: ECE

International Seminar / Conference

- **SomSubhraMondal** , M.Tech 2015 Passout ‘Generation of Novel Encrypted Code using Cryptography for Multiple Level Data Security for Electronic Patient Record’(pp-916-921, indexed in IEEE Explore)- in IEEE International Conference on Bioinformatics and Biomedicine-BIBM 2015, at Washington DC, USA, 9-12 NOV 2015

International Journals

- **Shatadru Biswas, Dibyendu Das**, "The Effect of Defective Ground Plane on a Wide Band Dual Frequency Circular Patch Antenna" International Journal of Advanced Research in Computer Science and Software Engineering, April 2016, IF-2.5
- **Swatilekha Sarkar, Gargi Majumdar, Shubham kumar Maurya, Sangeeta Hazra**, "Design and Analysis of a Wideband CPW fed Circular Patch Antenna for Wireless Communication Applications", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 5, May 2016, IF-5.611.
- **SHATADRU BISWAS**, "A Comparative Study Based On Design Parameter Variance in A Circular Patch Antenna Enclosed By A Rectangular ring For Multiband Operation in Wireless And Satellite Communication Applications International Journal of Engineering Science and computing April 2016, IF-5.618
- **PoulomiNath**, "Multifrequency Microstrip Antenna for Mobile Communication "International Journal of Engineering Science and Computing ,April 2016, IF-5.618
- **Ananya Ganguly**, "Development of AlGaAs /GaAs/AlGaAs Step Quantum well to produce Tunable Photo Detector and Electro-Absorption Modulator for noise reduction" International Research Journal of Engineering and Technology, April 2016, IF-4.45

DEPARTMENT: CA

International Journals

Sayantana Chanda, Arunabha Nath, Mouli Dutta, Krischiana Koley, “ Use of Some Popular Android Applications in Post Disaster Management Scenario”, published on International Journal of Computer Science and Information Technology, Volume 6, Issue 6, pp: 5274-5278, December 2015

Sandip Ray, Saheli Dutt, Soumasree Chanda, Seonti Dasgupta, “Survey on Cloud Based Internet of Things Environment”, International Journal of Advance Research in Computer Science and Management , Vol 4 Issue 4, May 2016