



বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ (বিসিএসআইআর)

Bangladesh Council of Scientific & Industrial Research (BCSIR)

নং- ৩৯.০২.০০০০.০১১.১৪.১২৮.২০২০/১৩৩৮

তারিখ: ২৯/১২/২০২০

বিষয়: ২০২০-২০২১ অর্থবছরের অনুমোদিত R&D প্রকল্পের তালিকা প্রেরণ।

উপর্যুক্ত বিষয়ে নির্দেশক্রমে জানানো যাচ্ছে যে, পরিষদের ৩২৭-তম বোর্ড সভায় ২০২০-২০২১ অর্থবছরের Research & Development (R&D) প্রকল্প অনুমোদিত হয়েছে; যা প্রয়োজনীয় কার্যার্থে এতদসঙ্গে প্রেরণ করা হলো।

সংযুক্তি: অনুমোদিত তালিকা।

Hemayet
২৯/১২/২০২০

(মোঃ হেমায়েত হোসেন)

গবেষণা সমন্বয়কারী

ফোন: ৫৮৬১০৭৪৮

বিতরণ: কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়)

- ১। পরিচালক, পিপিএন্ডপিডিসি/ বিসিএসআইআর গবেষণাগার, ঢাকা।
- ২। পরিচালক (অতি: দায়িত্ব), আইজিসিআরটি/আইএফএসটি/আইএফআরডি/আইএনএআরএস/বিটিআরআই, ঢাকা।
- ৩। পরিচালক (অতি: দায়িত্ব), বিসিএসআইআর গবেষণাগার, চট্টগ্রাম/রাজশাহী/আইএমএমএম, জয়পুরহাট।
- ৪। ভারপ্রাপ্ত কর্মকর্তা, এলআরআই, সাভার, ঢাকা।
- ৫। ভারপ্রাপ্ত কর্মকর্তা, আইসিটি সেল, বিসিএসআইআর, ঢাকা (প্রকল্প তালিকা ওয়েবসাইটে আপলোড করার অনুরোধসহ)।

অনুলিপি

- ১। পরিচালক (অর্থ ও হিসাব), বিসিএসআইআর, ঢাকা।
- ২। সিনিয়র ইন্ডাস্ট্রিয়াল লিয়াজেঁ অফিসার (সাইলো), বিসিএসআইআর, ঢাকা।
- ৩। প্রশাসনিক কর্মকর্তা, সংস্থাপন-৩, বিসিএসআইআর, ঢাকা।
- ৪। একান্ত সচিব, চেয়ারম্যান, বিসিএসআইআর, ঢাকা।
- ৫। একান্ত সহকারী, সদস্য (বিজ্ঞান ও প্রযুক্তি), বিসিএসআইআর, ঢাকা।
- ৬। গার্ড ফাইল।

o/c
২৯/১২/২০২০
সংযুক্তি সহ প্রেরিত

BCSIR Laboratories, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|--------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 01. | DLAB-01 | <p>Analyzing the impact of Wnt signaling system as molecular diagnostic method and therapeutic target for cancer</p> <p>1. Iffat Jahan, SO (PL) 2. Dr. Md. Salim Khan, PSO 3. Dr. Md. Ahashan Habib, PSO 4. Dr. Shahina Akter, PSO 5. Dr. Tanjina Akhtar Banu, PSO 6. Barna Goswami, SO 7. Md. Saddam Hossain, SO</p> | July 2020 - June 2023 | 9.0 Lac | 3.0 Lac | 4.0 Lac | 2.0 Lac |
| 02. | DLAB-02 | <p>Bio-remediation of fungi responsible for infestation of finished leather</p> <p>1. Mst. Elina Akther Zenat, SSO (PL) 2. Natasha Nafisa Haque, RC 3. Mst. Nadira Begum, SSO 4. Dr. Md. Zamilur Rahman, SSO 5. John Liton Munshi, PSO 6. Kanish Fatema, SSO(Leather Research Institute) 7. Dr. Farhana Afroz, SSO (PSRD) 8. Dr. Md. Abdulla-Al-Mamun, (Assistant Professor) ILET, DU</p> | July 2020 - June 2022 | 3.0 Lac | 2.0 Lac | 1.0 Lac | - |
| 03. | DLAB-03 | <p>Preparation of biodegradable packaging material from polysaccharide</p> <p>1. Kamrun Nahar, SSO (PL) 2. Md. Rezaul Karim, RC 3. Sharkar Md. Mahmudul Hassan, SSO</p> | July 2020 - June 2022 | 6.0 Lac | 4.0 Lac | 2.0 Lac | - |
| 04. | DLAB-04 | <p>Preparation of natural antioxidants from indigenous sources (<i>Phyllanthus emblica</i>, <i>Moringa oleifera</i>, <i>Ficus racemosa</i>, <i>Ceriops decandra</i>) for use in food & cosmetic industries</p> <p>1. Khondoker Shahin Ahmed, SO (PL) 2. Md. Hemayet Hossain, PSO 3. Ferdoushi Jahan, SSO 4. Nushrat Jahan Ethane, SSO 5. Dipa Islam, SSO, IFST</p> | July 2020 - June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget* (Tk.) | | |
|---------|-----------|---|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 6. Mohammad Mahbubur Rahman, SSO, FPRD 7. Dr. Md. Murshed Hasan Sarkar, SSO, BCSIR Laboratories, Rajshahi 8. Mohammad Mohi Uddin, Research Chemist | | | | | |
| 05. | DLAB-05 | Synthesis of thermoset polyester for preparation of filler and composite materials 1. Shahin Sultana, PSO (PL) 2. Dr. Mohammad Majedul Haque, SSO 3. Jaynal Abedin, SO 4. Md. Saiful Islam, SSO 5. Md. Khabir Uddin Sarker, SSO | July 2020 - June 2023 | 5.0 Lac | 0.80 Lac | 2.80 Lac | 1.40 Lac |
| 06. | DLAB-06 | Preparation of Polyacrylic Acid (PAA) based nanocomposites using jute for the removal of heavy metals from textile effluent 1. Shamima Akther Eti, SSO (PL) 2. Lutfun Naher Hilary, SO 3. Md. Jaynal Abedin, SO 4. Riyad Hossen Bhuiyan, RC | July 2020 - June 2022 | 5.50 Lac | 0.50 Lac | 5.0 Lac | - |
| 07. | DLAB-07 | Development of phosphorus based bio-polymer flame retardant for composites and plastic materials 1. Dr. Mohammad Majedul Haque, SSO (PL) 2. Riyadh Hossen Bhuiyan, RC, 3. Md. Jaynal Abedin, SO, 4. Md. Khabir Uddin Sarker, SSO 5. Swapan Kumar Ray, PSO | July 2020 - June 2022 | 2.0 Lac | 0.8 Lac | 1.20 Lac | - |
| 08. | DLAB-08 | Development of eco-friendly dielectric ceramic materials for energy storage applications 1. Suravi Islam, PSO (PL) 2. Dr. Syed Farid Uddin Farhad, PSO 3. Nazia Khatun, SSO 4. Mohammad Sajjad Hossain, SSO 5. Nazmul Islam Tanvir, RC 6. Dr. Samia Tabassum, SSO, IFRD 7. Monika Mahmud, SO, IGCRT | July 2020 - June 2022 | 3.0 Lac | 1.20 Lac | 1.80 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|--------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 09. | DLAB-09 | Isolation and characterization of anti-hemolytic and urease inhibitor from <i>Tamarindus indica</i> and <i>Allium sativum</i> extracts 1. Md. Najem Uddin, SO (PL) 2. Dr. Farhana Afroz, SSO 3. Dr. A.D.A. Shahinuzzaman, SSO 4. Suriya Sharmin, SSO 5. Md. Ariful Haq, SO 6. Satyajit Roy Rony, SSO | July 2020 - June 2022 | 3.0 Lac | 1.0 Lac | 2.0 Lac | - |
| 10. | DLAB-10 | Development and characterization of neutralizing antibodies against SARS-CoV-2 infection a) Advisor: Muhammad Showkat Ali, Member, BCSIR b) Consultant: Prof. Dr. Abdul Mannan, Department of Endocrinology and Medicine, Anwer Khan Modern Hospital 1. Dr. ADA Shahinuzzaman, SSO (PL) 2. Dr. Md. Hossain Sohrab, PSO 3. Dr. Farhana Afroz, SSO 4. Satyajit Roy Rony, SSO 5. Suriya Sharmin, SSO 6. Fatema Moni, SO 7. Shammi Akhter, SO 8. Md. Najem Uddin, SO 9. Ariful Haq, SO | July 2020- June 2021 | 5.0 Lac | 5.0 Lac | - | - |
| 11. | DLAB-11 | Development of rayon grade pulp from mixture of jute stick and jute fiber 1. Dr. M. Mostafizur Rahman, SSO (PL) 2. Jannatun Nayeem, SO 3. Razia Sultana Popy, SO 4. Kazi Md. Yasin Arafat, SO 5. Dr. Md. Nashir Uddin, PSO 6. Dr. M Sarwar Jahan, CSO | July 2020 - June 2021 | 2.0 Lac | 2.0 Lac | - | - |
| 12. | DLAB-12 | Non conventional production of paper grade pulps from crop wastes 1. Dr. M. Mostafizur Rahman, SSO (PL) 2. Dr. M Sarwar Jahan, CSO 3. Jannatun Nayeem, SO 4. Razia Sultana Popy, SO 5. Kazi Md. Yasin Arafat, SO | July 2020 - June 2022 | 3.0 Lac | 1.0 Lac | 2.0 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 6. Dr. Md. Nashir Uddin, PSO 7. Dr. Mohammad Moniruzzaman, PSO, BRD 8. Shamim Ahmed, PSO, INARS | | | | | |
| 13. | DLAB-13 | Trace Metals and Radionuclides in Raw, Pasteurized, Powder, Ultra Heat Treated Commercial Cow Milk and Infant Formula: Health Risk Assessment in Bangladesh Dr. Mohammad Moniruzzaman, PSO- PL Sabrina Mostofa, SSO, IGCRT Badhon Saha, SSO Dr. Md. Monarul Islam, SSO Md. Khalid Hasan, Assistant Professor, University of Dhaka | July 2020- June 2022 | 4.0 Lac | 3.00 Lac | 1.00 Lac | |
| 14. | DLAB-14 | Biphenyl/Binaphthyl-Bipyridyl Based Organocatalysts for Catalytic Conversion of CO₂ into Cyclic Carbonate Dr. Md. Monarul Islam, SSO- PL Dr. Bikash Devnath, Post Doctoral Fellow Dr. Mohammad Moniruzzaman, PSO Md. Hemayet Hossain, PSO Muhammad Abdullah Al-Mansur, PSO, INARS Khondoker Shahin Ahmed, SO | July 2020- June 2023 | 5.0 Lac | 1.0 Lac | 3.5 Lac | 0.50 Lac |

BCSIR Laboratories, Chattogram

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 15. | CLAB-01 | Development of vitamin enriched hair care products from medicinal plants 1. Amena Kibria, SO (PL) 2. Nishat Tasnim, SO 3. Md. Saidur Rahman, SSO 4. Nimai Chandra Nandi, PSO 5. Farjana Showline Chaity, SO 6. Ferdoushi Jahan, SSO, Dhaka Lab 7. Dr. Mohammad Mostafa, Director (Addl. Charge) | July 2020- June 2022 | 2.50 Lac | 1.80 Lac | 0.70 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 16. | CLAB-02 | Development of methods for identification of adulterants in honey 1. Suman Das, SSO (PL) 2. Dr. Md. Saiful Islam, SSO 3. Rasheda Akter, SSO 4. Dr. Mohammad Mostafa, Director (Addl Charge) | July 2020- June 2021 | 2.0 Lac | 2.0 Lac | - | - |
| 17. | CLAB-03 | Development of bio-coagulant from jack fruits and bean seeds for waste water treatment 1. Abu Baker, SSO (PL) 2. Sujan Kanti Das, SO 3. Dr. Saiful Islam, SSO 4. Dr. Abdus Salam, SSO 5. Dr. Dipanker Chakraborty, PSO 6. Dr. Mohammad Mostafa, Director (Addl Charge) | July 2020- June 2022 | 4.0 Lac | 3.0 Lac | 1.0 Lac | - |
| 18. | CLAB-04 | Preparation of anti-acne face wash from herbal extracts 1. Dr. Dipankar Chakraborty, PSO (PL) 2. Sreebash Chandra Bhattacharjee, PSO 3. Suman Das, SSO 4. Saidur Rahman, SSO 5. Paroma Arefin, SO 6. Ferdoushi Jahan, SSO, Dhaka Labs 7. Rajib Sarker, SO 8. Dr. Mohammad Mostafa, CSO | July 2020- June 2022 | 3.0 Lac | 2.0 Lac | 1.0 Lac | - |
| 19. | CLAB-06 | Synthesis and characterization of Low cost photocatalyst for hydrogen production 1. Md. Shahab Uddin, SO (PL) 2. Dr. Md. Abdus Salam, SPE 3. Md. Shehan Habib, SO 4. Kawsar Ahmed, SO | July 2020- June 2022 | 4.50 Lac | 3.50 Lac | 1.0 Lac | - |
| 20. | CLAB-07 | Development of low cost biodegradable polyethylene composite for packaging applications 1. Kawsar Ahmed, SO (PL) 2. Dr. Md. Abdus Salam, SPE 3. Md. Shehan Habib, SO 4. Shahab Uddin, SO | July 2020- June 2022 | 2.00 Lac | 1.50 Lac | 0.50 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 21. | CLAB-08 | Study on inhibitory effects of some common medicinal plants on dental plaque forming bacteria and the production of herbal toothpaste 1. Nusrat Jahan Mouri, SSO (PL) 2. Rasheda Akter, SSO 3. Tania Sharmin, SO 4. Sakia Ferdousy, SO 5. Saddam Hossain, SO | July 2020- June 2022 | 3.0 Lac | 2.0 Lac | 1.0 Lac | - |
| 22. | CLAB-09 | Formulation of aroma products from available essential oils 1. Debabrata Karmakar, SO (PL) 2. Dr. Dipankar Chakraborty, PSO 3. Sreebash Chandra Bhattacharjee, PSO 4. Dip Bhowmik, SO 5. Dr. Mohammad Mostafa, CSO | July 2020- June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |
| 23. | CLAB-10 | Development of anti-obesity herbal products 1. Dr. Saiful Islam, SSO (PL) 2. Rajib Sarkar, SO 3. Farjana Showline Chaity, SO 4. Rasheda Akter, SSO 5. Dr. Mohammad Mostafa, CSO | July 2020- June 2022 | 3.0 Lac | 2.50 Lac | 0.50 Lac | - |
| 24. | CLAB-11 | Screening of novel bioactive compounds from soil Actinomycetes 1. Farjana Showline Chaity, SO (PL) 2. Dr. Saiful Islam, SSO 3. Rajib Sarkar, SO 4. Md. Sahab Uddin, SO 5. Habibur Rahman Bhuiyan, CSO | July 2020- June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |

BCSIR Laboratories, Rajshahi

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 25. | RLAB-01 | Green synthesis of metal nanoparticles and their application as advanced colouring material | July 2020- June 2022 | 1.70 Lac | 1.30 Lac | 0.40 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 1. Md. Ahasanur Rabbi, SSO (PL) 2. Most. Halima Khatun (SSO) 3. Firoz Ahmed (SO) 4. Nasim Ahmed (SO) 5. Bijoy Maitra (RC) 6. Md. Zia Uddin Rasel (RC) | | | | | |
| 26. | RLAB-02 | Extraction of colorant from indigenous sources and its application on textile fabrics and jute 1. Most. Halima Khatun, SSO (PL) 2. Ahasanur Rabbi, SSO 3. Firoz Ahmed, SO 4. Nasim Ahmed, SO 5. Bijoy Maitra, RC 6. Md. Zia Uddin Rasel, RC | July 2020 - June 2022 | 2.20 Lac | 1.60 Lac | 0.60 Lac | - |
| 27. | RLAB-03 | Development of cost effective technology for the isolation of aleuritic acid from Lac 1. Md. Sabbir Hasan, SO (PL) 2. Md. Badrul Islam, PSO 3. Md. Jahidul Islam, SSO 4. Shyama Prosad Moulick, SO | July 2020 - June 2022 | 3.0 Lac | 1.80 Lac | 1.20 Lac | - |
| 28. | RLAB-04 | Isolation of glycosidic terpenoids from <i>Oldenlandia corymbosa</i> L. to find out the preventive activity of arterial dysfunction 1. Mahci Al Bashera, SO (PL) 2. Dr. Md. Murshed Hasan Sarkar, SSO, F&FRD 3. Farhana Jahan, SO 4. Md. Mahmudur Rahman, SO 5. Trissa Saha, SO 6. Subarna Sandhani Dey, SO, F&FRD | July 2020 - June 2022 | 3.00 Lac | 1.05 Lac | 1.95 Lac | - |
| 29. | RLAB-05 | Development of functional food from seeds and flowers of <i>Cucurbita maxima</i> 1. Farhana Jahan, SO (PL) 2. Md. Badrul Islam, PSO 3. Mahci Al Bashera, SO 4. Trissa Saha, SO 5. Md. Mahmudur Rahman, SO 6. Farhana Bobby, SO, F&FRD | July 2020 - June 2022 | 2.0 Lac | 0.50 Lac | 1.50 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|--------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 30. | RLAB-06 | Bacteriophage mediated clearance of drug resistant infection 1. Fatema Tuz Jubyda, SO (PL) 2. Dr Md. Murshed Hasan Sarkar, SSO 3. Dr. Md. Ibrahim, CSO 4. Dr. Arfatun Nahar Chowdhury, SSO 5. A.K.M. Shamsul Alam, PSO 6. Amit Kumar Dey, RC 7. Md. Moniruzzaman, RC 8. Sabbir Ahmed, RC | July 2020- June 2022 | 3.0 Lac | 1.56 Lac | 1.44 Lac | - |
| 31. | RLAB-07 | Isolation and application of Prodigiosin in controlling bacterial and cancer cell proliferation 1. Farhana Bobby, SO (PL) 2. Dr. Md. Ibrahim, CSO 3. Dr. Md. Murshed Hasan Sarkar, SSO 4. Subarna Sandhani Dey, SO 5. Mahci-Al-Bashera, SO 6. Farhana Jahan, SO 7. Trissa Saha, SO | July 2020 - June 2022 | 3.0 Lac | 1.15 Lac | 1.85 Lac | - |
| 32. | RLAB-08 | Isolation of alpha-linoleic acid from flaxseed 1. Atoll Goswami, SO (PL) 2. Nazim Uddin Ahmed, SSO 3. Md. Abdur Rahim, SO 4. Ali Ahasan Mujahid, RC | July 2020- June 2021 | 1.0 Lac | 1.0 | - | - |

Institute of Fuel Research and Development (IFRD), BCSIR, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|--------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 33. | IFRD-01 | Production of bio-diesel from pithraj and leather fleshing 1. Sujit Kumar Banik, PSO (PL) 2. Dr. Modhu Sudan Saha, PSO and Officer In-charge, LRI, BCSIR 3. Dr. Md. Saiful Islam, PSO 4. Taposhi Rabeya, SSO 5. Mohammad Asadullah Asad, SSO 6. Dr. Neelima Afroz Molla, SO, LRI, BCSIR | July 2020 - June 2022 | 4.50 Lac | 3.0 Lac | 1.50 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 34. | IFRD-02 | Development of technology for production of lube oil from heavy condensate of different gas fields 1. Sujit Kumar Banik, PSO (PL) 2. Dr. Md. Saiful Islam, PSO 3. Taposhi Rabeya, SSO | July 2020 - June 2022 | 4.0 Lac | 3.0 Lac | 1.0 Lac | - |
| 35. | IFRD-03 | Development of soft magnetic materials for electrical and electronic devices 1. Mashudur Rahaman, PSO 2. Md. Azizul Hoque, SSO, 3. Syed Shafquat Mahmood, SO 4. Md. Sadequl Azam, SO 5. Md. Saidul Islam, SSO | July, 2020- June, 2022 | 4.0 Lac | 1.0 Lac | 3.0 Lac | - |
| 36. | IFRD-04 | Design and development of devices for solar photovoltaic power system 1. Md. Sadequl Azam, SO, IFRD 2. Mashudur Rahaman, PSO 3. Md. Saidul Islam, SSO 4. Abu Kowsar, SO 5. Sumon Chandra Debnath, SO 6. Md. Azizul Hoque, SSO | July, 2020- June, 2022 | 4.0 Lac | 1.0 Lac | 3.0 Lac | - |
| 37. | IFRD-05 | Incorporation of inorganic hole-transporting material (HTL) for efficient and stable perovskite solar cells 1. Mohammad Shah Jamal, PSO (PL) 2. Muhammad Shahriar Bashar, PSO 3. Samia Tabassum, SSO 4. S.M Asaduzzaman Sujon, PSO 5. Mosharof Hossain, PSO | July 2020- June 2023 | 6.0 Lac | 2.0 Lac | 3.0 Lac | 1.0 Lac |
| 38. | IFRD-06 | Design and development of indoor solar cooking system by using evacuated tube collector 1. Dr. Samia Tabassum, PSO (PL) 2. Sumon Chandra Debnath, SO 3. Ayesha Siddika, SO 4. Md. Sadequl Azam, SO 5. Most. Nilufa Yeasmin, SO | July 2020 - June, 2022 | 3.50 Lac | 2.0 Lac | 1.50 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|---------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 39. | IFRD-07 | Development of a photocatalyst for waste water treatment 1. Dr. Samia Tabassum, PSO (PL) 2. Muhammad Shahriar Bashir, PSO 3. Sumon Chandra Debnath, SO 4. Ayesha Siddika, SO 5. Most. Nilufa Yeasmin, SO | July, 2020- June, 2023 | 3.0 Lac | 2.0 Lac | 0.50 Lac | 0.50 Lac |
| 40. | IFRD-08 | Study & evaluation of the installed biogas plant under different biogas technology dissemination project of BCSIR 1. S.M Asaduzzaman Sujan, PSO (PL) 2. Dr. Mohammad Shah Jamal, PSO 3. Mosharof Hossain, PSO | July 2020- June 2023 | 4.0 Lac | 1.0 Lac | 1.50 Lac | 1.50 Lac |
| 41. | IFRD-09 | Methane loss minimization & carbon dioxide recovery systems for water scrubbing based biogas up gradation 1. Mosharof Hossain, PSO (PL) 2. Dr. Mohammad Shah Jamal, PSO 3. S.M Asaduzzaman Sujan, PSO | July 2020- June 2022 | 5.0 Lac | 4.50 Lac | 0.50 Lac | - |

Institute of Food Science & Technology (IFST), Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|--------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 42. | IFST-01 | Preparation of cost effective fish feed from indigenous sources for Thai Koi 1. Mohajira Begum, SSO (PL) 2. Md. Zia Uddin Al Mamun, SO | July 2020 - June 2022 | 3.0 Lac | 1.60 Lac | 1.40 Lac | - |
| 43. | IFST-02 | Molecular identification and characterization of <i>Cronobacter</i> spp. from powdered infant milk formula (PIF) 1. Meher Nigad Nipa, SSO (PL) 2. Dr. Md. Nazrul Islam Bhuiyan, SSO 3. Nourin Tarannum, SO 4. Dr. Sadia Afrin, SO | July 2020 - June 2022 | 3.50 Lac | 2.0 Lac | 1.50 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|--------------------------|--------------|------------------------------------|------------------------------------|------------------------------------|
| | | | | | 1 st (2020- 2021) | 2 nd (2021- 2022) | 3 rd (2022- 2023) |
| 44. | IFST-03 | Development of meat products with active compound, micro-encapsulated by phyto-ingredients 1. Mohammad Mahfuzur Rahman, PSO (PL) 2. Abu Tareq Mohammad Abdullah, PSO 3. Tanzir Ahmed Khan, PSO 4. Dr. Sharmin Jahan, SSO 5. Md. Motalab, SSO 6. Bushra Momtaz, SSO 7. Dr. Barun Kanti Saha, CSO | July 2020 - June 2023 | 4.0 Lac | 3.80 Lac | 0.10 Lac | 0.10 Lac |
| 45. | IFST-04 | A cross sectional study of plasticizers on diabetes and cardiovascular disease 1. Dr. Md Nurul Huda Bhuiyan, SSO (PL) 2. Muhammad Showkat Ali, Member (Finance), BCSIR 3. Prof. Dr. Abdul Mannan, Department of Endocrinology and Medicine, Anwer Khan Modern Hospital 4. Mohammad Tariqul Hassan, SSO 5. Maksud Begum, SSO | July 2020 - June 2021 | 5.0 Lac | 5.0 Lac | - | - |
| 46. | IFST-05 | Study on degradation of edible oils during thermal processing and storage 1. Sharmin Akter Lisa, SSO (PL) 2. Md. Alamgir Kabir, PSO 3. Mohammad Mahfuzur Rahman, PSO | July 2020 - June 2022 | 3.0 Lac | 1.50 Lac | 1.50 Lac | - |
| 47. | IFST-06 | Preparation of enriched food products from foxtail millet 1. Dr. Tasnim Farzana, PSO (PL) 2. Fahiza Bisrat Hossan, SO 3. Mohammad Tariqul Hassan, SSO 4. Dr. Mohammad Nazrul Islam Bhuiyan, SSO 5. Dr. Md. Abdus Satter Miah, CSO | July 2020 - June 2023 | 4.0 Lac | 0.70 Lac | 1.65 Lac | 1.65 Lac |
| 48. | IFST-07 | Development of nutritious instant food products from sweet potato, cabbage and pumpkin | July 2020 - June 2023 | 2.50 Lac | 0.95 Lac | 1.55 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 1. Dr. Tasnim Farzana, PSO (PL) 2. Fahiza Bisrat Hossain, SO 3. Dr. Mohammad Nurul Huda Bhuiyuan, SSO 4. Dr. Sadia Afrin, SO | | | | | |
| 49. | IFST-08 | Study on novel antibiotics sources to combat antibiotic resistance in Gram-negative bacteria 1. Dr. Mohammad Nazrul Islam Bhuiyan, SSO (PL) 2. Dr. Sadia Afrin, SO 3. Dr. Sahana Parveen, CSO 4. Dr. Abhijit Chowdhury, SSO 5. Nourin Tarannum, SO | July 2020 - June 2021 | 5.0 Lac | 5.0 Lac | - | - |

Institute of Glass and Ceramic Research and Testing (IGCRT), BCSIR, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 50. | IGCT-01 | Production of Zeolite based composite material for carbon dioxide scavenger 1. Dr. Umme Sarmeen Akhtar, SSO (PL) 2. Nahid Sharmin, CSO (Director-in-charge) 3. Dr. Shirin Aktar Jahan, PSO 4. Md. Sagirul Islam, SSO 5. Juliya Khanam, SSO 6. Md. Saiful Quddus, SSO 7. Md. Golam Mostofa, SO 8. Md. Sahadat Hossain, SO | July 2020 - June 2022 | 5.0 Lac | 0.25 Lac | 4.75 Lac | - |
| 51. | IGCT-02 | Development of nano crystallized glass using coal ash 1. Md. Saiful Quddus, SSO(PL) 2. Nahid Sharmin, CSO 3. Dr. Abdul Gafur, PSO IFRD 4. Dr. Sonjida Mustafi, PSO 5. Muhammad Shahriar Bashar, PSO, IFRD 6. Dr. Umme Sarmeen Akhtar, SSO 7. Mandira Saha, SO 8. Md. Hasanuzzaman, SO | July 2020 - June 2022 | 2.0 Lac | 0.85 Lac | 1.15 Lac | - |
| 52. | IGCT-03 | Synthesis of magnetite based nano composite adsorbent for the treatment of organic dye contaminated textile waste water | July 2020 - June 2022 | 2.50 Lac | 1.70 Lac | 0.80 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 1. Juliya Khanam, SSO (PL) 2. Nahid Sharmin, CSO 3. Dr. Shirin Aktar Jahan, PSO 4. Dr. Umme Sarmeen Akhtar, SSO 5. Md. Hasanuzzaman, SO 6. Mashrafi Bin Mobarak, SO 7. Bristy Biswas, RC | | | | | |
| 53. | IGCT-04 | Production of silica refractory brick from river sand 1. Md. Sagirul Islam, SSO (PL) 2. Nahid Sharmin, CSO 3. Dr. Umme Sarmeen Akhtar, SSO 4. Mohammad Golam Mostafa, SO 5. Md. Shahadat Hossain, SO | July 2020 - June 2023 | 3.0 Lac | - | 1.50 Lac | 1.50 Lac |
| 54. | IGCT-05 | Preparation of bio-char from waste materials for portable ceramic water filter 1. Dr. Sonjida Mustafi, PSO (PL) 2. Rexona Khanom, SO 3. Md. Mahfujul Hasan, SO 4. Nigar Sultana Pinky, SO | July 2020 - June 2022 | 3.50 Lac | 0.70 Lac | 2.80 Lac | - |
| 55. | IGCT-06 | Development of bioceramic-polymer composite reinforced with graphene for treatment of tannery effluent 1. Monika Mahmud, SO (PL) 2. Dr. Samina Ahmed (CSO, Dhaka Lab) 3. Dr. Shirin Akter Jahan (PSO) 4. Dr. Md. Humayun Kabir (SSO, INARS) 5. Md. Sahadat Hossain (SO) 6. Mashrafi Bin Mobarak (SO) | July 2020 - June 2022 | 2.0 Lac | 1.50 Lac | 0.50 Lac | - |
| 56. | IGCT-07 | Development of light weight ceramic tiles from waste plastic materials of Bangladesh 1. Dr. Sonjida Mustafi, PSO(PL) 2. Rexona Khanom, SO 3. Md. Mahfujul Hasan, SO 4. Nigar Sultana Pinky, SO | July 2020 - June 2022 | 4.0 Lac | 3.50 Lac | 0.50 Lac | - |
| 57. | IGCT-08 | Improvement of a process for chemical admixture used for concrete and cement industries 1. Dr. Umme Sarmeen Akhtar, SSO (PL) | July 2020 - June 2022 | 3.0 Lac | 0.25 Lac | 2.75 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | 2. Md. Sagirul Islam, SSO 3. Juliya Khanom, SSO 4. Khondoker Shahin Ahmed, SO (Dhaka Lab.) 5. Mohammad Golam Mostafa, SO 6. Md. Saiful Quddus, SSO | | | | | |
| 58. | IGCT-09 | Synthesis, characterization and functionalization of nano Cobalt Ferrite (CoFe₂O₄) 1. Md. Farid Ahmed, SO (PL) 2. Nahid Sharmin, CSO 3. Md. Lutfor Rahman, SSO 4. Dr. Md. Murshed Hasan Sarker, SSO 5. Bristy Biswas, RC | July 2020 - June 2022 | 2.0 Lac | 1.50 Lac | 0.50 Lac | - |
| 59. | IGCT-10 | Synthesis of expanding agent for bricks and aggregates 1. Dr. Umme Sarmeen Akhtar, SSO(PL) 2. Md. Sagirul Islam, SSO 3. Md. Saiful Quddus, SSO 4. Mohammad Golam Mostafa, SO 5. Md. Shahadaat Hossain, SO | July 2020 - June 2022 | 2.50 Lac | 0.25 Lac | 2.25 Lac | - |

Leather Research Institute (LRI), Savar, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 60. | LRIS-01 | Extraction of chromium from tannery waste 1. Dr. Md. Tushar Uddin, SSO (PL) 2. Dr. Madhu Sudan Saha, PSO 3. Murshid Jaman Chowdhury, SSO 4. Md. Abdur Razzaq, SO 5. Pradip Kumar Biswas, PSO (IMMM) 6. Md. Shams Shahriar, SO (IMMM) | July 2020 - June 2022 | 1.50 Lac | 1.0 Lac | 0.50 Lac | - |
| 61. | LRIS-02 | Development of footwear design for pregnant women based on Ergonomics Kanish Fatema, SSO (PL) Md. Abul kashem Azad, PSO Md. Nur-E-Alam, SSO Shimul Chakma, SO Nasifa Akter, RC | July 2020 - June 2021 | 1.0 Lac | 1.0 Lac | - | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 62. | LRIS-03 | Improvement of cleaner Technology by producing wet-white leather in beam house operation Dr. Neelima Afroz Molla, SO (PL) Md. Abul Kashem Azad, PSO Dr. Madhu Sudan Saha, PSO Dr. Md. Tushar Uddin, SSO Murshid Jaman Chowdhury, SSO Kanish Fatama, SSO Md. Abdur Razzaq, SO | July 2020 - June 2022 | 2.0 Lac | 1.50 Lac | 0.50 Lac | - |
| 63. | LRIS-04 | Utilization of natural extracts from used tea leaves for leather dyeing Md. Riad Hossain Sabuj, SO (PL) Dr. Madhu Sudan Saha, PSO Dr. Md. Tushar Uddin, SSO Murshid Jaman Chowdhury, SSO Md. Abdur Razzak, SO | July 2020 - June 2022 | 1.12 Lac | 0.55 Lac | 0.57 Lac | - |
| 64. | LRIS-05 | Manufacturing of Leather Products from Skin of Broiler Chicken Leg 1. Kanish Fatema, SSO (PL) 2. Dr. Madhu Sudan Saha, PSO 3. Md. Abul Kashem Azad, PSO 4. Md. Nur-E-Alam, SSO 5. Shimul Chakma, SO | July 2020 - June 2022 | 1.50 Lac | 1.16 Lac | 0.34 Lac | - |

Institute of Mining, Mineralogy and Metallurgy (IMMM), BCSIR, Joypurhat

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 65. | IMMM-01 | 3D subsurface model generation in Barapukuria coal mine area 1. Md. Imam Sohel Hossain, SO (PL) 2. Pradip Kumar Biswas, PSO 3. Md. Sha Alam, SO 4. Dr. A.S.M Woobaidullah, Professor, DU | July 2020- June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|--------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 66. | IMMM-02 | Extraction of Alumina from different types of clay of Barind area 1. Mst. Shanjida Sultana, SSO (PL) 2. Radaunul Islam Mridul, Engineer | July 2020- June 2021 | 1.50 Lac | 1.50 Lac | - | - |
| 67. | IMMM-03 | Preparation of TiO ₂ -SiO ₂ based coating for construction materials Md. Sha Alam, SO (PL) Md. Shams Shahriar, SO Md. Shohel Rana, SO Pradip Kumar Biswas, PSO Dr. Mohammad Nazim Zaman, CSO | July 2020 - June 2022 | 2.50 Lac | 1.50 Lac | 1.0 Lac | - |

Pilot Plant & Process Development Centre (PP & PDC), BCSIR, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 68. | PPDC-01 | Pilot plant study for the development of nano-particles (NPs) and doped HAP to remove antibiotics from water 1. Dr. MA Gafur, PSO (PL) 2. Sajib Anida Dhar, Engineer 3. Md. Ariful Rahaman Khan, Engineer 4. Dr. Nurul Huda Bhuiyan, SSO, IFST | July 2020- June 2022 | 9.0 Lac | 3.0 Lac | 6.0 Lac | - |
| 69. | PPDC-02 | Development of modified hydroxyapatite incorporated hydrogels for several biomedical applications 1. Dr. MA Gafur, PSO (PL) 2. Dr. Md. Hossain Sohrab, PSO, Dhaka Lab, BCSIR 3. Md. Sharier Bashir, PSO, IFRD, BCSIR 4. Dipa Islam, SSO, BTRI, BCSIR 5. Dr. Amjad Hossain, Faculty of Dentistry, BSMMU 6. Dr. Ahsanul Kaiser, Posr Doctoral Fellow, PP & PDC | July 2020- June 2022 | 4.0 Lac | 2.0 Lac | 2.0 Lac | - |

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Institute of National Analytical Research and Service (INARS), BCSIR, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 70. | INAS-01 | <p>Analysis of priority pollutants loads in the Buriganga river of Bangladesh and their remediation using graphene-based adsorbents</p> <p>1. Md. Ahedul Akbor, SSO (PL) 2. Md. Abu Bakar Siddique, SSO 3. Aynun Nahar, SO 4. Mehedi Hasan, SO 5. Shahnaz Sultana, SO</p> | July 2020- June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |
| 71. | INAS-02 | <p>Monitoring of zero discharge hazardous chemicals from industrial effluents and risk assessment</p> <p>1. Md. Ahedul Akbor, SSO (PL) 2. Md. Abu Bakar Siddique, SSO 3. Aynun Nahar, SO 4. Mehedi Hasan, SO 5. Shamim Ahmed, PSO 6. A. H. M. Shofiul Islam Molla Jamal, SO</p> | July 2020- June 2021 | 2.0 Lac | 2.0 Lac | - | - |
| 72. | INAS-03 | <p>Evaluation of the level of toxic elements in water, soil and plants and their impacts on human health and environment</p> <p>1. Md. Abu Bakar Siddique, SSO (PL) 2. Md. Ahedul Akbor, SSO 3. Aynun Nahar, SO 4. Mehedi Hasan, SO 5. Tajnin Jahan, SO 6. Rokaia Sultana, SO 7. A. H. M. Shofiul Islam Molla Jamal, SO</p> | July 2020- June 2022 | 1.50 Lac | 0.50 Lac | 1.0 Lac | - |
| 73. | INAS-04 | <p>Development of a purification technology of harvested rainwater using solar energy</p> <p>1. A.H.M. Shofiul Islam Molla Jamal, SO (PL) 2. Shamim Ahmed, PSO 3. Md. Ahedul Akbor, SSO 4. Dr. Samia Tabassum, SSO, IFRD 5. Md. Abu Bakar Siddique, SSO 6. Sumon Chandra Debnath, SO,</p> | July 2020- June 2022 | 2.0 Lac | 1.0 Lac | 1.0 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| | | IFRD 7. Rokaia Sultana, SO | | | | | |
| 74. | INAS-05 | Isolation of potential microorganisms for the production of bio-surfactant and its applications 1. Rokaia Sultana, SO (PL) 2. Mohammad Abdullah Al-Mansur, PSO 3. Shahnaz Sultana, SO 4. Aynun Nahar, SO 5. A.H.M Shofiul Islam Molla Jamal, SO | July 2020- June 2022 | 2.0 Lac | 1.50 Lac | 0.50 Lac | - |
| 75. | INAS-06 | Isolation of potential microorganisms from agricultural soil for the biodegradation of pesticides for sustainable ecosystem 1. Shahnaz Sultana, SO (PL) 2. Md. Ahedul Akbor, SSO 3. Rokaia Sultana, SO 4. Aynun Nahar, SO 5. Mehedi Hasan, SO 6. Tajnin Jahan, SO 7. Md. Abu Bakar Siddique, SSO | July 2020- June 2022 | 3.0 Lac | 2.25 Lac | 0.75 Lac | - |

Biomedical and Toxicological Research Institute (BTRI), BCSIR, Dhaka

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|---|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 76. | BTRI-01 | Development of agar, carrageenan & sodium alginate from red & brown seaweed in Bay of Bengal 1. Liton chandra Mohanta (SSO, BTRI) (PL) 2. Dipa Islam, SSO 3. Evana parvin Lipy, SSO 4. Umma Fatema shahjadee (PSO, IFST) 5. Dr. Md Anwar Arfien Khan (CSO, BTRI) 6. Dr. Ashish Kumer sarker (CSO, Director in-charge, BTRI) 7. Abu Sayeed Muhammad Sharif, SSO, BORI | July 2020- June 2022 | 4.0 Lac | 2.55 Lac | 1.45 Lac | - |

| Sl. No. | Unit Code | Title of the Project/ Name of Project Leader (PL) & Research Associates | Project Duration | Budget (Tk.) | Year wise Budget (Tk.) | | |
|---------|-----------|--|-------------------------|--------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | 1 st (2020-2021) | 2 nd (2021-2022) | 3 rd (2022-2023) |
| 77. | BTRI-02 | Utilization of genetic authentication methods for different food products 1. Dipankar Chandra Roy, SO (PL) 2. Dipa Islam, SSO 3. Liton Chandra Mohanta, SSO 4. Chadni Lyzu, SO 5. Samina Akhter, SO 6. Dr. Ashish Kumar Sarkar, CSO | July 2020- June 2022 | 4.0 Lac | 3.0 Lac | 1.0 Lac | - |
| 78. | BTRI-03 | Development of low-cost adsorbent using agricultural waste for the removal of heavy metals 1. Mahmuda Hakim, SO (PL) 2. Dr. Ashish Kumar Sarkar, CSO 3. Dr. Md. Anwar Arfien Khan, PSO 4. Dipa Islam, SSO 5. Liton Chandra Mohanta, SSO 6. Samina Akhter, SO | July 2020- June 2023 | 3.0 Lac | 1.70 Lac | 1.30 Lac | - |
| 79. | BTRI-04 | Assessment of organophosphorous pesticide residues present in the locally available fruit and vegetables Dr. Md. Anwar Arfien Khan, CSO- PL Mahmuda Hakim, SSO Dr. Liton Chandra Mohanta, SSO Evena Parvin Lipy, SSO Dr. Ashish Kumar Sarkar, CSO & Director | July 2020- June 2022 | 5.0 Lac | 2.5 lac | 2.5 lac | |

সিদ্ধান্ত-৬.২: বিসিএসআইআর-এর বিদ্যমান গবেষণা ও উন্নয়ন (R&D) নীতিমালা সংশোধনের জন্য নিম্নবর্ণিত কমিটি গঠন করা হলো। কমিটি কর্তৃক সুপারিশকৃত সংশোধিত নীতিমালা অনুমোদনের জন্য পরবর্তীতে বোর্ড সভায় উপস্থাপন করতে হবে।

R&D নীতিমালা যাচাই-বাছাই কমিটি:

- | | |
|--|--------------|
| ১। সদস্য (বিজ্ঞান ও প্রযুক্তি), বিসিএসআইআর, ঢাকা | - আহ্বায়ক |
| ২। অধ্যাপক ড. নীলুফার নাহার, অবসরপ্রাপ্ত অধ্যাপক, ঢাকা বিশ্ববিদ্যালয় | - সদস্য |
| ৩। অধ্যাপক ড. মোঃ কামরুজ্জামান, বঙ্গবন্ধু শেখ মুজিবুর রহমান কৃষি বিশ্ববিদ্যালয়, গাজীপুর | - সদস্য |
| ৪। ড. মোঃ সারওয়ার জাহান, পরিচালক, বিসিএসআইআর গবেষণাগার, ঢাকা | - সদস্য |
| ৫। অধ্যাপক ড. মোঃ আবদুল মালেক, মাইক্রোবায়োলজি বিভাগ, ঢাকা বিশ্ববিদ্যালয় | - সদস্য |
| ৬। অধ্যাপক ড. এম. এ. শওকত চৌধুরী, কেমিক্যাল ইঞ্জিনিয়ারিং বিভাগ, বুয়েট | - সদস্য |
| ৭। গবেষণা সমন্বয়কারী, বিসিএসআইআর, ঢাকা | - সদস্য সচিব |

সিদ্ধান্ত-৬.৩: R&D প্রকল্পের পুনরাবৃত্তি রোধকল্পে সমাপ্ত R&D প্রকল্পের ডাটাবেজ প্রস্তুত ও সংরক্ষণ করতে হবে।