



B R IRRIGATION SYSTEM

www.brirrigation.in

YOUR BEST CHOOSE

More than 100 projects completed nationwide, we in BR Irrigation have more than nine years of combined experience. We have the knowledge to serve you.

BEST QUALITY



ON TIME



EXPERIENCED



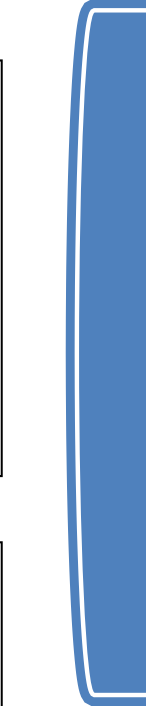
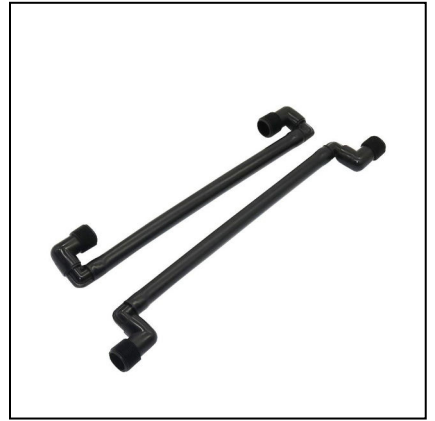
ABOUT US

Established by Mr. RAJEEV RANJAN in 2012, the objective of BR Irrigation is to bring in the happiness and prosperity in the lives of our customers. The idea is to work on the advanced irrigation technologies and products available globally and made them available to Indian people.

We are involved in trading of high quality irrigation equipments (Winkler, Foggers, Flush valve, Disc filters to name a few) and completing the custom projects (park development, landscape irrigation) provided by the customers.

PRODUCT RANGE.





MICRO SPRINKLER.

PERFORMANCE TABLE								
NOZZLE SIZE (mm)	NOZZLE COLOUR	SWIVEL COLOUR	1KG/cm ²		1.5KG/cm ²		2 KG/cm ²	
			Flow LPH*	Diameter (mtr)	Flow LPH	Diameter (mtr)	Flow LPH	Diameter (mtr)
0.75	BROWN	PURPLE	27	4.10	35	4.50	40	5.00
1.00	GREY		45	5.00	56	5.80	61	6.25
1.25	BLUE		72	6.25	82	6.95	91	7.25
1.50	YELLOW		106	7.10	123	7.80	137	8.00
1.75	ORANGE	BLUE	138	7.50	161	8.10	178	8.50
2.00	RED		179	8.25	210	9.00	236	9.50



APPLICATIONS

- For overhead irrigation of orchard, nurseries, Greenhouses and vegetable crops.
- For irrigation of widely spaced plants up to 6x6 (meter) spacing at

BUTTERFLY SPRINKLER.

APPLICATIONS

- Overhead irrigation of close spacing crops like ginger, onion potato and other tubular crops.
- Suitable for crops that requires more water.
- Robust structure to with-stand in adverse weather conditions.

FEATURES

- ½ “Male threaded connection.
- Flow Range: 250 LPH to 575 LPH.
- Nozzle and body made of Plastic.
- Operating Pressure Range: 1Kg/cm² 2Kg/cm².
- Self Rotating Bridge for excellent Uniformity and leaves no dry patches on the field.



PERFORMANCE TABLE

NOZZLE SIZE(mm)	NOZZLE COLOR	PRESSURE (kg/cm ²)	FLOW RATE (LPH*)	DIAMETER (mtr)
2.5	RED	1.0	243	10.50
		1.5	290	11.00
		2.0	338	12.00
2.8	ORANGE	1.0	301	11.00
		1.5	366	12.00
		2.0	428	12.25
3.1	GREEN	1.0	396	11.00
		1.5	490	12.25
		2.0	560	12.50

WOBBLER IRRIGATION SPRINKLER.

APPLICATION

- High volume, low pressure sprinkler suitable for overhead irrigation.
- Spray of water soluble fertilizers and pesticides.
- Ideal for irrigation in pastures, all type of tubular crops, pulses, horticulture.
- Maximized area of coverage for under tree applications and nursery canopy



PERFORMANCE TABLE

NOZZLE SIZE	NOZZLE COLOR	PRESSURE AT WINKLER BASE	DISCHARGE	DIAMETER OF COVERAGE (mtr)
3.1	GREEN	0.75	310	10.00
		1.25	385	11.25
		1.75	440	12.00
		2.00	494	12.50
4.5	GREY	0.75	610	11.00
		1.25	750	12.00
		1.75	865	12.50
		2.00	970	13.00
5.0	BLACK	0.75	860	13.00
		1.25	1050	13.50
		1.75	1220	14.00
		2.00	1365	14.50

FOGGER.

FEATURES

- Sumani foggers are fitted with specially designed Anti-Drip device which instantly prevents dripping after each irrigation cycle.
- When the pressure is above 1.5 kg/cm² the Anti Drop device is turned on and the foggers start operating.
- Bridgeless design eliminates dripping.
- Droplet of average size of 65 microns gets uniformly distributed at nominal pressure.
- The system can also be cleaned by application of suitable acid treatment.

APPLICATIONS

- Specially designed for cooling/ humidifying greenhouses over rooting table.
- Creating perfect condition for plant propagation and seed germination.
- Cooling and humidifying of poultry sheds, cow sheds and other livestock.

TECHNICAL SPECIFICATIONS

- Recommended working pressure 4.0 kg/cm²
- Recommended filtration (130 microns).
- Press fit type inlet connector.
- Pressure Range 2.5 Kg/cm² to 5 Kg/cm².
- Average droplet size of 65 micron at recommended of 4 Kg/cm².

FLOW RATE(LPH)

	GREEN NOZZLE	GREY NOZZLE
1 WAY	5.5	7.5
4 WAY	22	30



PERFORMANCE TABLE

PRESSURE Kg/cm ²	GREEN NOZZLE(mtr)	GREY NOZZLE(mtr)
2.5	1.0	1.0
3.0	1.0	1.2
3.5	1.1	1.3
4.5	1.2	1.4

Y-TYPE SCREEN FILTER.

APPLICATIONS

These (Y-Type Screen Filters) are applicable for to low flow water filtering for Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation.

FEATURES

- Micron- Precise filtration.
- Innovative depth filter traps/ retains large amount of solids.
- Resistant to chemical products.
- Easy installation, easy maintenance.
- Auxiliary connection for drain and connecting pressure gauge.



TECHNICAL SPECIFICATIONS

MODEL	CONNECTIONS BSP	MAX FLOW (m ³ /hr)	FILTERING SURFACE(cm ²)
MI25YS	3/4"	5	160
MI32YS	1"	6	160

Y-TYPE DISC FILTER.

FEATURES

- Micron- Precise filtration.
- Innovative depth filter traps/ retains large amount of solids.
- Resistant to chemical products.
- Easy installation, easy maintenance.
- Auxiliary connection for drain and connecting pressure gauge.

UNIQUE DISC TECHNOLOGY

The discs are diagonally grooved on both sides in opposite directions. A series of discs are stacked and compressed on a specially designed filter spine. The force of the spring along with the differential pressure firmly compresses these discs together, providing exceptional filtration efficiency.



TECHNICAL SPECIFICATIONS

MODEL	CONNECTIONS BSP	MAX FLOW (m ³ /hr)	FILTERING SURFACE(cm ²)
MI 25YD	3/4"	5	160
MI 32YD	1"	6	160



APPLICATIONS

These (Y-Type Screen Filters) are applicable for to low flow water filtering for Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation.

T-TYPE SCREEN FILTER.

FEATURES

- Micron- Precise filtration.
- Innovative depth filter traps/ retains large amount of solids.
- Resistant to chemical products.
- Easy installation, easy maintenance.
- Auxiliary connection for drain and connecting pressure gauge.

TECHNICAL SPECIFICATIONS

MODEL	CONNECTIONS BSP	MAX FLOW (m ³ /hr)	FILTERING SURFACE (cm ²)
MI 40TS	1¼"	16	416
MI50TS	1¼"	18	416

APPLICATION

T-Type Screen filters are applicable to low flow water filtering for household water, Rain Water Harvesting, Agriculture Irrigation and garden irrigation. In built pressured pipeline T Type Screen filter will effectively filter out particles.



DOUBLED WEAVED TECHNOLOGY

With the application of delicate weaving craftsmanship of stainless steel wire, T Type screen filter is easy to be weaved into micron-grade filter screen enjoying high flexibility. Corrosion, acid and alkaline resistant.

T- TYPE DISC FILTER.

FEATURES

- Compact structure for flow rate and Micron- Precise filtration.
- Innovative depth filter traps/ retains large amount of solids.
- Resistant to chemical products.
- Easy installation, easy maintenance.
- Auxiliary connection for drain and connecting pressure gauge.

APPLICATIONS

T- Type Disc filters are applicable to low flow water filtering for household water, Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation. In built pressured pipeline in these filters will effectively filter out particles.



PERFORMANCE TABLE

MODEL	CONNECTIONS BSP	MAX FLOW (m ³ /hr)	FILTERING SURFACE (cm ²)
MI 40TD	1/4	16	300
MI 50TD	1/2	18	300



UNIQUE DISC TECHNOLOGY

With the excellent disc technology T Type Disc filters have micron-precise, high efficiency and large volume filtration advantage.

The well designed diagonally grooved structure provides exceptional filtration efficiency.

LATERAL VALVE

FEATURES

- Available in:
 1. $\frac{3}{4}$ Female*12mm Barbed connection.
 2. $\frac{1}{2}$ Male Thread*16mm Barbed connection.
 3. 16mm*16mm Barbed connection.
- Made out of highly durable engineering plastic.
- Resistant to commonly used chemicals in agriculture.
- Especially designed female coupling ring connection for easy and desired fitment (DDF).
- Marking on valve to set the valve at desired operable condition (100%, 75%, or fully off).



ARROW DRIPPER



FEATURES

- Low Discharge of 2.2 LPH.
- Working Pressure: 0.2 kg/cm to 2.0 kg/cm
- To be connected with DN 5/3 Soft PVC Tube.
- Clogging Resistant with Inbuilt Filter Net.
- Produced from durable plastic and UV stabilized.
- Suitable for Potted plant, shrubbery, Kitchen, Gardens, Orchids and Nurseries.

FLUSH VALVE

FEATURES

- Easily open able threaded top for flushing debris from sub-main.
- Specially designed cap stopper to avoid snap-out of cap while flushing.
- Equipped with 'O' Ring for leak proof performance while in shut-off position.
- Resistant to water soluble fertilizers and pesticides commonly used in irrigation and UV stabilized.
- Maximum operating pressure of 5kg/cm^2 .
- Available in 40*50, 50*63 and 63*75mm sizes.



APPLICATIONS

- Recommended for usage at every end point in water piping network in micro/ drip irrigation.
- For flushing of entrapped dirt/ debris in pipelines.

PRESSURE GAUGE

FEATURES

- Available in $\frac{1}{4}$ " Male threaded connection.
- $2\frac{1}{2}$ " Dial made of aluminum made.
- Wider pressure of range up to 7 kg/cm^2 .
- Brass mechanism and movement for longer life.
- Silicone Oil filled for optimum accuracy.
- Case made of stainless steel for durability.
- Built-in snubbed to arrest rapid pressure fluctuation, enhancing the life of gauge.
- Original Mitsubishi, Japan glass for crystal clear visibility.



AIR RELEASE VALVE

FEATURES

- Advanced Aerodynamic Design.
- Big inlet size allowing massive air flow.
- One-piece cylindrical float design ensures on time shutting of outlet while the high speed airflow occur.
- Quality sealing prevents leakage under low pressure condition (0.5 BAR).
- PP material with corrosion, acid and alkaline resistant feature to be lasting.



APPLICATION

Kinetic valves can prevent the air from accumulating or eliminate negative pressure in filtration pipeline, water supply system nearby water meter and control valve, area and industrial field.



ABOUT IT

With advanced aerodynamic design, kinetic Air Release Valves acts as a sound solution for intake and exhaust during the filtration and water supplying. The air valves balance the air intake and exhaust to ensure the pipes are sealed closely in low pressure. Air Release valves are widely used in the agriculture and municipal irrigation and industrial water recycling system.

PRESSURE RELEASE VALVE.

FEATURES

- Powder Coated Aluminum cover for durability.
- Heavy duty aluminum casting construction.
- Port available to install pressure gauge (in female version).
- Faster response in case of excess pressure surge than the set pressure.

ABOUT IT

PORUS Pressure Release Valve is recommended to be used to protect plastic or aluminum pipeline from damage caused by surge in water pressure. Porus PRV is suitable for commonly used HDPE, LDPE, MDPE or Aluminum pipes used in water supply.



TECHNICAL SPECIFICATIONS

- Available in:
 - MI60 PVF: 2" Female Threaded Inlet Connections.
 - MI60 PVM: 2" Male Threaded Inlet Connections.
- Pressure Release setting from 1.5 kg/cm² to 5.5 kg/cm².
- Cracking Pressure Range 0.5 kg/cm to 1.5 kg/cm².
- 1½" Outlet to recycle the excess water released during operation.
- Electro Plated Tempered Spring, Shaft and nuts for longer life and consistent performance.

DRIP FITTINGS.

FEATURES

- Produced from high quality plastic which is resistant to most to most of chemicals used in agriculture.
- UV stabilized.
- Easy to connect and disconnect.
- Used with LDPE irrigation pipe.



MICRO TUBE.

FEATURES

- Extruded with highest quality PVC resin, containing less than 2% carbon black.
- Resistant to UV rays.
- Smooth inner wall for lesser head loss.
- Highly Flexible for easy rolling back.
- Used with Arrow Drippers, Drippers, Micro Sprinklers, Mini Sprinklers
- Available sizes: DN3/5, DN4/7 and DN8/12.



SWING JOINTS.

ABOUT IT

Swing joints connect heads to lateral pipes. This is low-cost reliable, flexible connection prevents heads or pipes from breaking when run over by equipments and allows easy adjustment of the heads to grade.



TECHNICAL SPECIFICATIONS

- Available in:
 1. MI10SJ: $\frac{1}{2} \times \frac{1}{2}$ Male threaded connection.
 2. MI20SJ: $\frac{3}{4} \times \frac{3}{4}$ Male threaded connection.
- Operating pressure up to 6 kg/cm.
- Surge pressure up to 10 kg/cm
- Temperature up to 60°C.
- Maximum flow 1800 LPH.

SERVICE SADDLE.

APPLICATIONS

- Suitable for field crops, dust suppression, golf courses, lawns and gardens.
- Light in weight and long life.
- Efficient utilization and saving of water.
- Suitable for sloping land.
- More area to be brought under irrigation as compare to surface irrigation.



AVAILABLE SIZES

MODEL	DESCRIPTION
MI SS4010H	40mm x ½ FEMALE THREAD OUTLET
MI SS4020H	40mm x ¾" FEMALE THREAD OUTLET
MI SS5010H	50mm x ½ FEMALE THREAD OUTLET
MI SS5020H	50mm x ¾" FEMALE THREAD OUTLET
MI SS6320H	63mm x ¾ FEMALE THREAD OUTLET
MI SS6330H	63mm x 1" FEMALE THREAD OUTLET
MI SS6340H	63mm x ½ FEMALE THREAD OUTLET

PREMIUM SADDLE

MI SS6310	63mm x ½ FEMALE THREAD OUTLET
MI SS6320	63mm x ¾" FEMALE THREAD OUTLET
MI SS6330	63mm x 1" FEMALE THREAD OUTLET
MI SS7520	75mm x ¾" FEMALE THREAD OUTLET
MI SS7530	75mm x 1" FEMALE THREAD OUTLET
MI SS9020	90mm x ¾" FEMALE THREAD OUTLET
MI SS9030	90mm x 1" FEMALE THREAD OUTLET
MI SS9650	110mm x ½" FEMALE THREAD OUTLET
MI SS9680	110mm x 1" FEMALE THREAD OUTLET
MI SS9690	160mm x ½ " FEMALE THREAD OUTLET
MI SS8740	160mm x 1" FEMALE THREAD OUTLET



ABOUT IT

Service Saddles are used to build single or double junction that can be coupled with MDPE, HDPE or PVC pipes while laying pipeline network for irrigation or other type of water supplies.

VALVE BOXES.



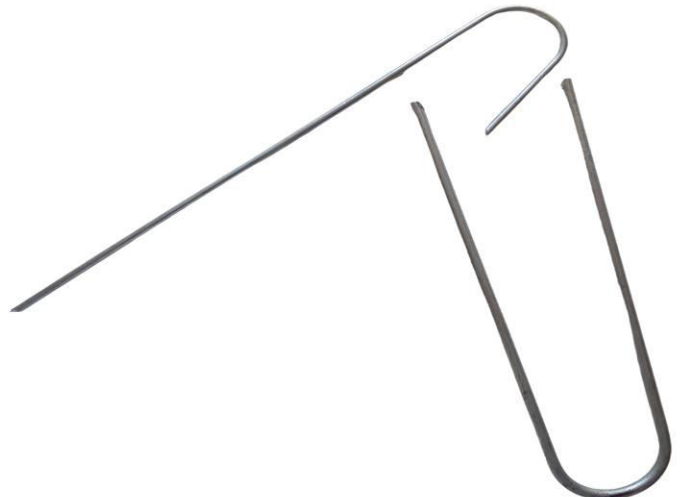
FEATURES

- Light and durable construction.
- Side ridges for additional wall support.
- Pre molded pipe slots.
- Bottom flanges to help prevent sinking.
- Multiple configurations designed to provide tight seals and easy maintenance access.
- Earth-friendly, compliant material made of 100% recycled materials.

U- CLAMP

FEATURES AND APPLICATIONS

Made from galvanized steel, U- Clamp has a basic work i.e. to staple the lateral pipe. It is silver in color having different sizes:
2.5" and 6 inches.
2.5" and 8 inches.
We are manufacturing it and supplying to various dealers.



SPRINKLERS

GEARED DRIVEN SPRINKLERS



FEATURES

- Pop-up Rotor.
- Part circle
- Adjustable Arc: 40-360°.
- Pop-Height: 4 inch
- Overall height: 7 3/8 inch.
- Seal-A-Matic.



POPUP SPRAY HEAD

FEATURES

- Rugged cover and body provide durability in high pressure and surge conditions.
- Plastic and stainless steel materials resist corrosion.
- VAN nozzle and screen are easily removable for flushing
- Durable stem ratchet allows for quick and easy nozzle pattern alignment.
- Internal part removable from the top of the sprinkler for easy servicing.



IMPACT SPRINKLERS



FEATURES

- Strong builds quality with engineering plastic.
- Covers large area.
- The device provides and above ground alternative to furrow irrigation.
- Its head is driven in circular motion by force of outgoing water



ROTOR POPUP SPRINKLER



ABOUT IT

- Rugged cover and body provide durability in high pressure and surge conditions.
- Plastic and stainless steel materials resist corrosion.
- VAN nozzle and screen are easily removable for flushing.
- Durable stem ratchet allows for quick and easy nozzle pattern alignment.
- Internal part removable from the top of the sprinkler for easy servicing.



MAXIPAW



FEATURES

- The maxi-paw's powerful throw permits maximum spacing and offers superior close-in watering and uniform water distribution.
- Low pressure loss and an efficient, straight-through flow design conserve energy and are ideal for dirty water applications.
- And most important, it's rugged and dependable, popping up on schedule again and again because of the multi-function wiper seal. Side or combination bottom inlet for design flexibility.
- Side inlet installation is not recommended in freezing climates. Serviceable through the top of the case. Optional no potable cover



TAP DIGITAL WATER TIMER

ABOUT IT

MITV0102M MIST water timer with simple and beautiful appearance and bright red color cannot be used for cool down and humidification of balconies or lawns but also creates.

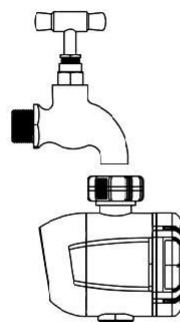


FEATURES

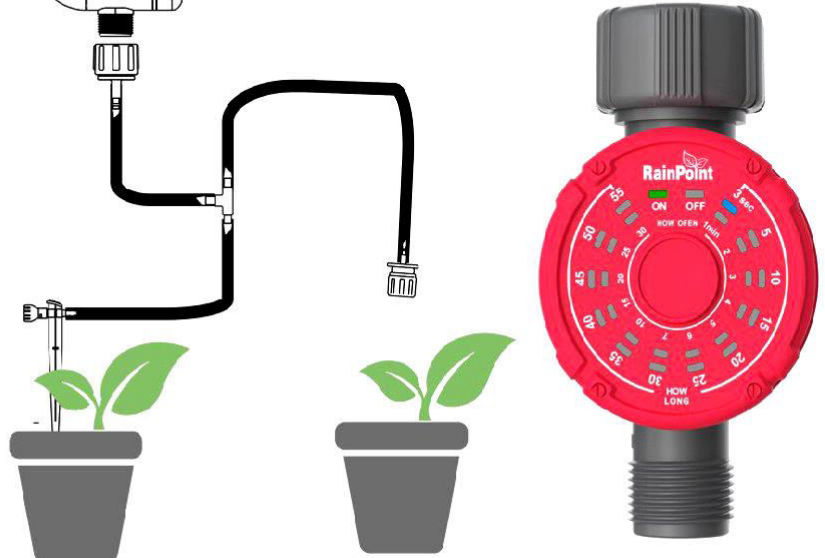
- Multifunction button click.
- Diaphragm solenoid valve.
- Low switching valve voltage, reduce the boost time and loss in the boost process, prolong the service life of switching valves.
- Easy to install, simple to change irrigation plan.
- Reduce temperature, increases humidity in garden.

SPECIFICATIONS

- IP54 WATERPROOF.
- Inlet threaded for tap 1 f and reduction of ¼ f.
- Powered by 3AAA 1.5 alkaline batteries.
- Working water pressure: 0.5 bar to 5.0 bars.
- Flow rate 5l/min to 35l/min
- Irrigation duration: 3, 5, 10, 20, 25, 35, 50 and 55 sec.



*3 Easy Steps to
Create Your Own
Irrigation System!
Tool-Free*



INTELLIGENT CONTROLLERS

FUNCTION

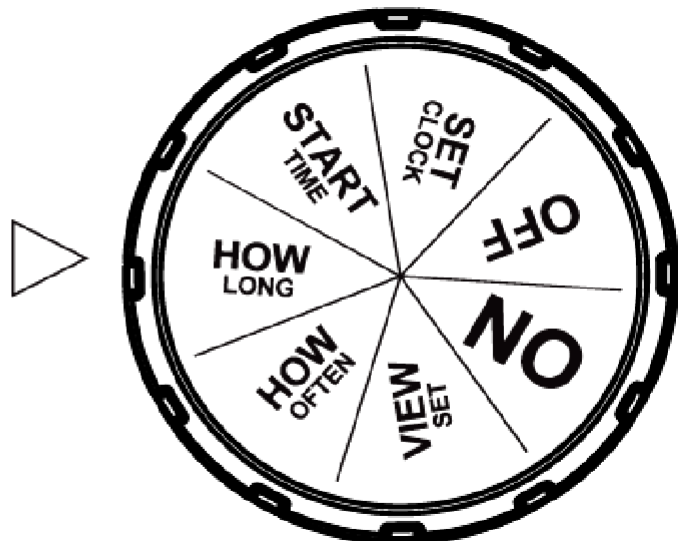
- The Controller has two irrigation modes: Timing and manual.
- Powered by two 1.5V dry batteries.
- Independent timer and cycle mode.
- The maximum irrigation time can last upto 4 hrs.
- Manual button operation
- Strong filter screen.
- With alkaline battery

FEATURES

- Integrated structured design.
- IP66 protection level.
- Battery life is six months approx.
- Working temperature 0° to 60°

APPLICATIONS

Cultivation gardens, Greenhouses, Balconies, potted plants, Flower Beds, Nursery gardens and small lawns without underground irrigation equipments.



HDPE SPRINKLER PIPE FITTINGS



ABOUT IT

These offered pipes are manufactured from High Density Polyethylene granules and special additives such as antioxidants, ultra violet radiation stabilizers, environmental stress crack agents etc. These types of pipes are widely used in Petrochemical, Agricultural, Dye, paper, Cement and Other Chemical Industries. Designed in compliance with international quality standard, our offered pipe provides better flow of water.





IRRIGATION SERVICES

IRRIGATION SYSTEM INSTALLATION AND REPAIRS

Whether you have an old lawn irrigation system or you're looking to implement one for the first time, our team of experienced technicians can provide you reliable, money-saving solutions for peace of mind when it comes to your Irrigation System Installation.

Our trusted technicians can ensure your Irrigation system is:

- At peak efficiency throughout the year,
- Personalized to accommodate the needs of your lawn,
- Set to drain properly and minimize water runoff,
- Designed to maximize the lifespan of your lawn and
- And as sustainable and reliable as possible.

Sometimes installing a whole new sprinkler system is the best way to prevent costly repairs and save money in the long run. You can rest assured we'll go over all of your solution options with you so you can make an informed decision.

INSTALLATION

Whether you are looking to install a brand new system or replace one, B R Irrigation System will Design and Install a system that waters your lawn and landscape effectively *and* efficiently and keeps green.

An efficient irrigation requires 2 key components:

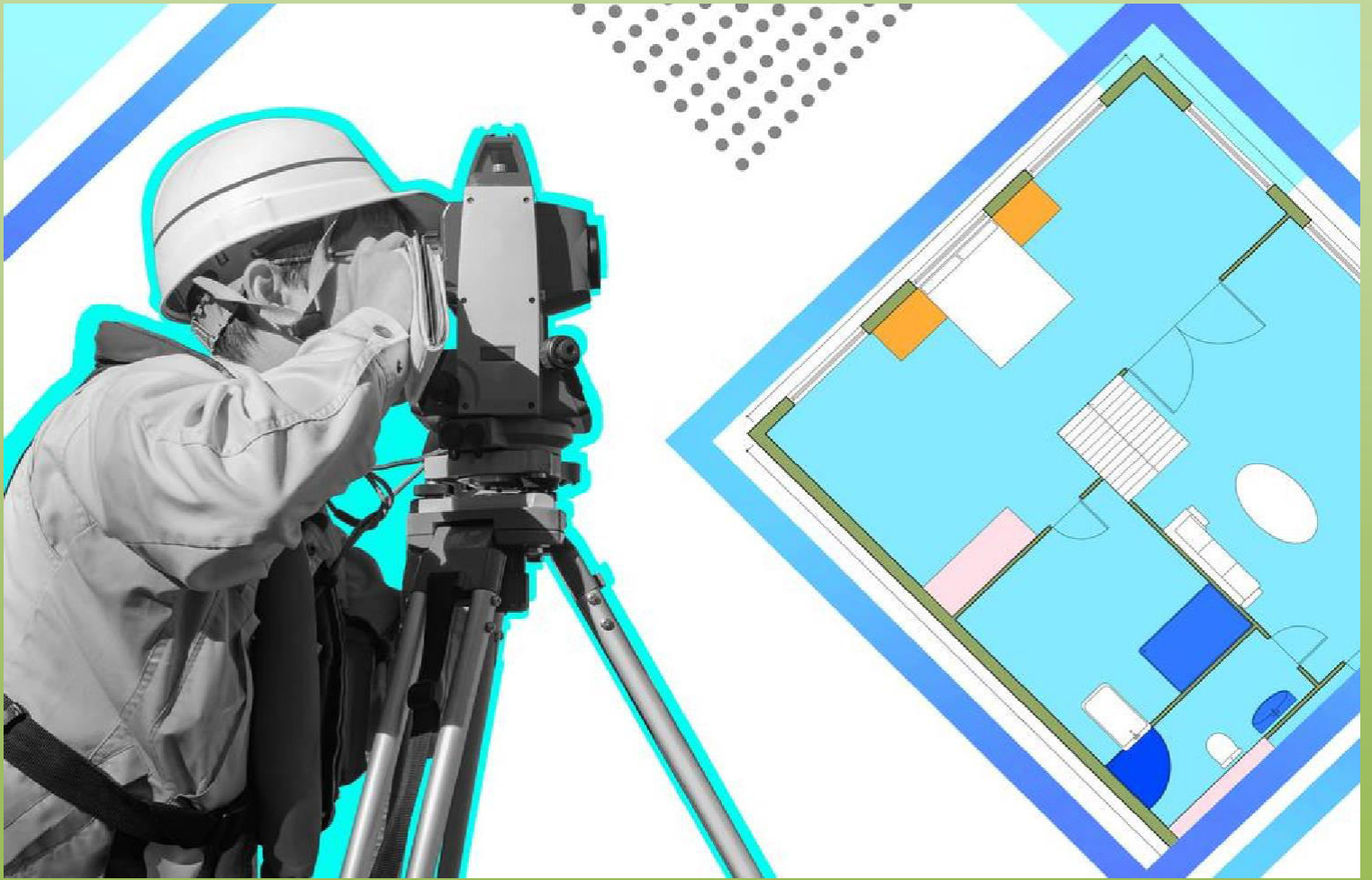
- The Right Design and
- The Right Products.

1. Surveying and Irrigation System Design :

An irrigation system is not simply placing sprinkler heads to just get the landscape wet. It needs to take your particular landscape and property into account. While we are always looking to provide that beautiful green lawn, we also want to avoid over saturation of water and waste. B R Irrigation system's trained technicians will design as system that:

- Keeps your grass looking great,
 - Maximizes the lifespan of your lawn,
 - Drains properly and minimizes water runoff,
 - Runs at peak efficiency and minimizing water waste
- And more.

2. The Right Products :As the leaders in irrigation sector, B R Irrigation System, only uses the best quality controls, sprinkler heads, dewatering pumps, tap digital water timer and valves to name a few.







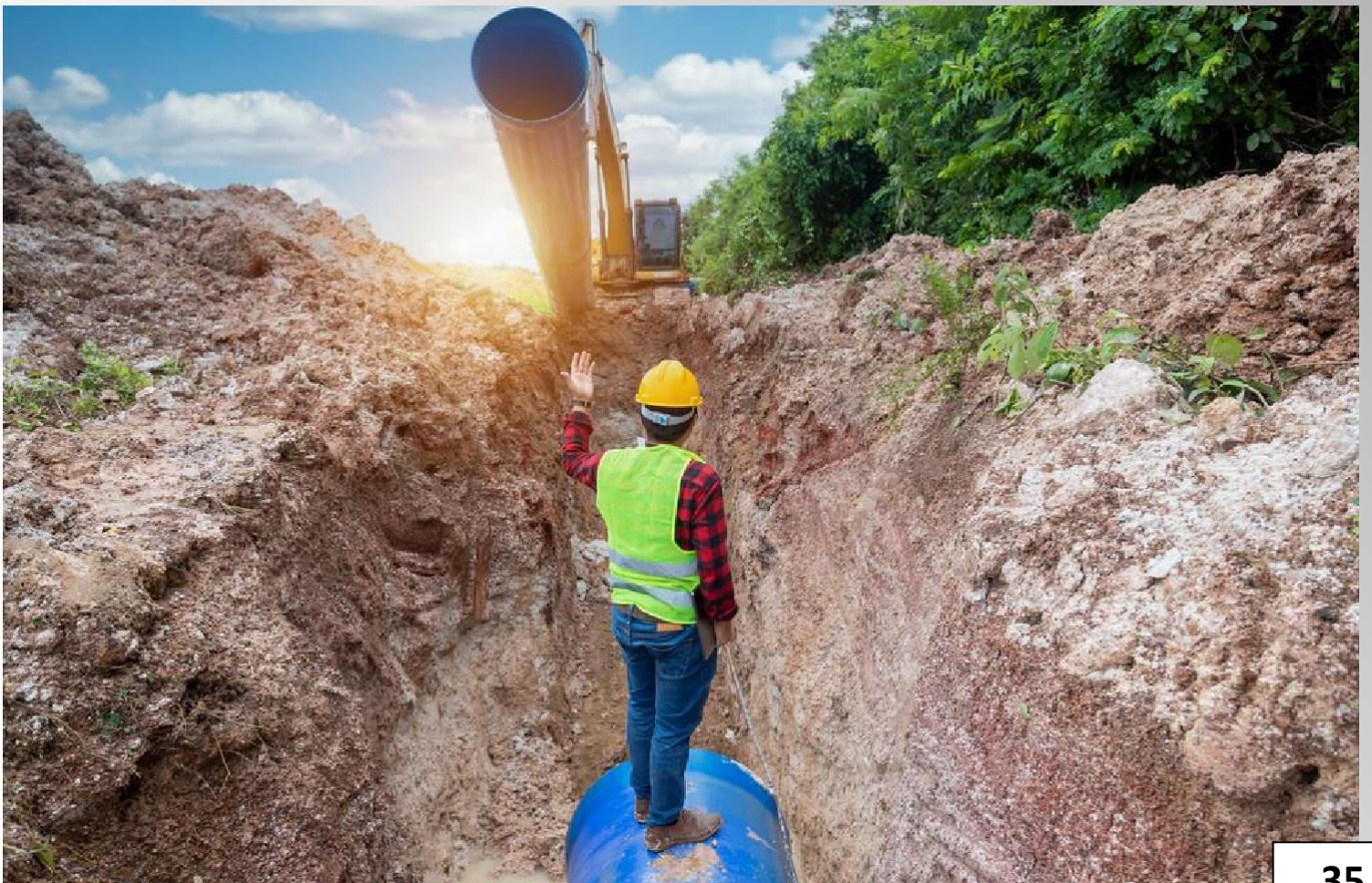
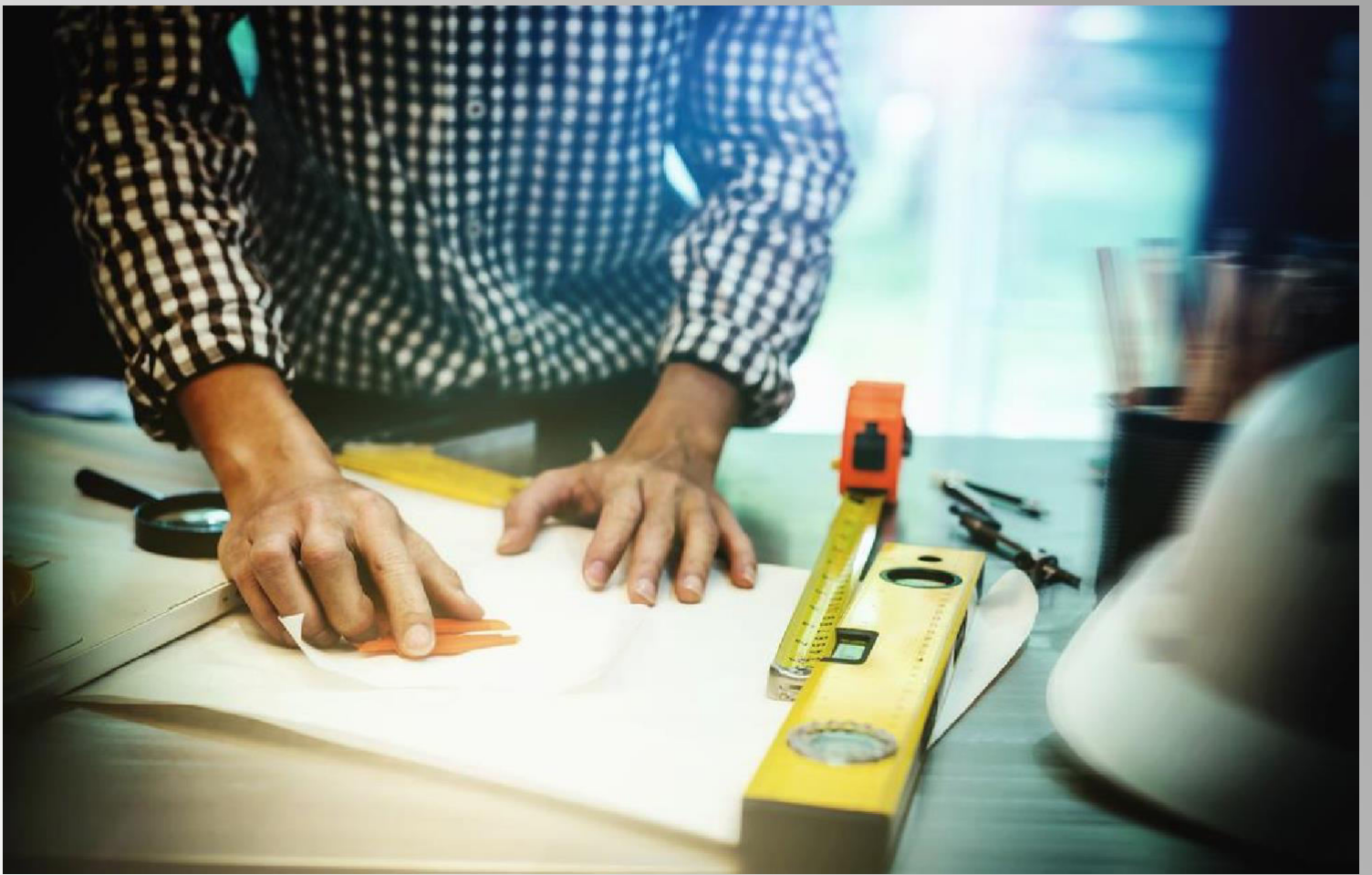
DEVELOPMENT AND MAINTENANCE OF LAWNS/PARK

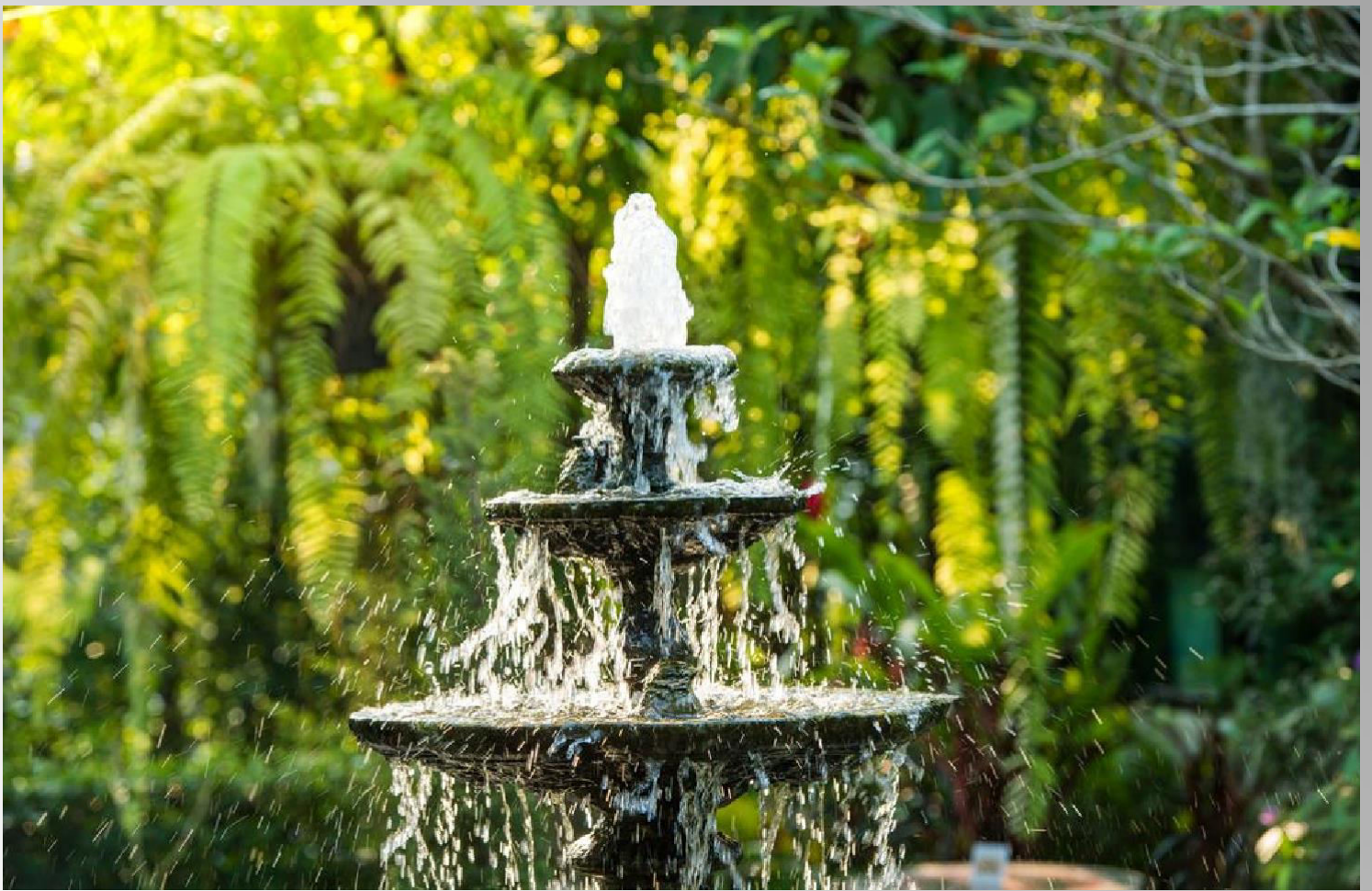


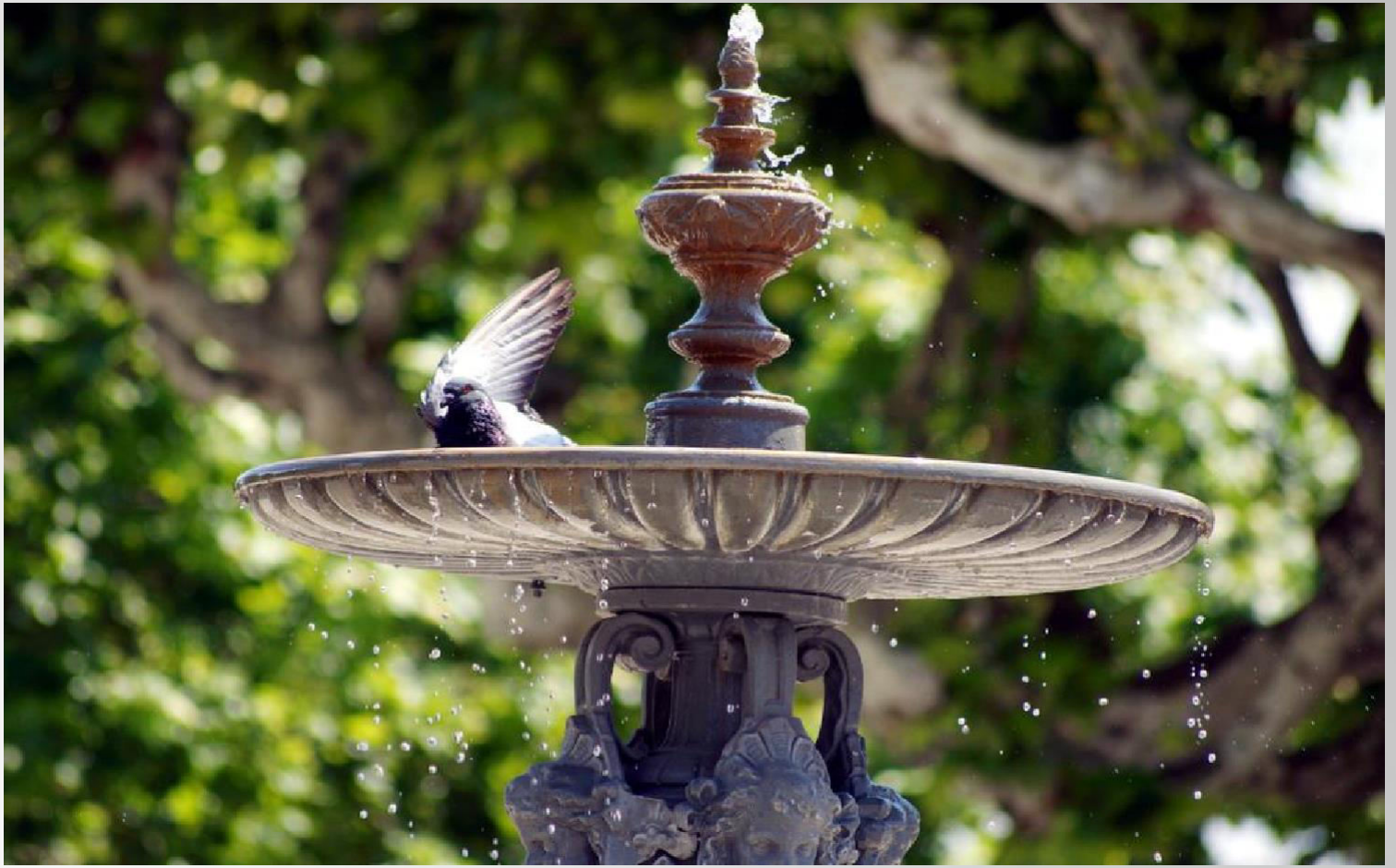
With enriched industrial knowledge and experience, we are offering:

- **Garden Development and**
- **Maintenance Services.**

To maintain flexibility, promptness and reliability, we use latest technology in rendering these services. Our experienced gardeners specifically design the gardens to be used for landscaped decks, roof garden, capillary irrigation, paved areas and terrace garden. This service caters to all the domains related to maintenance of all types of garden. We ensure that every minute detail is taken into consideration while rendering these services. Moreover, we provide a complete garden development solution to our valuable clients.





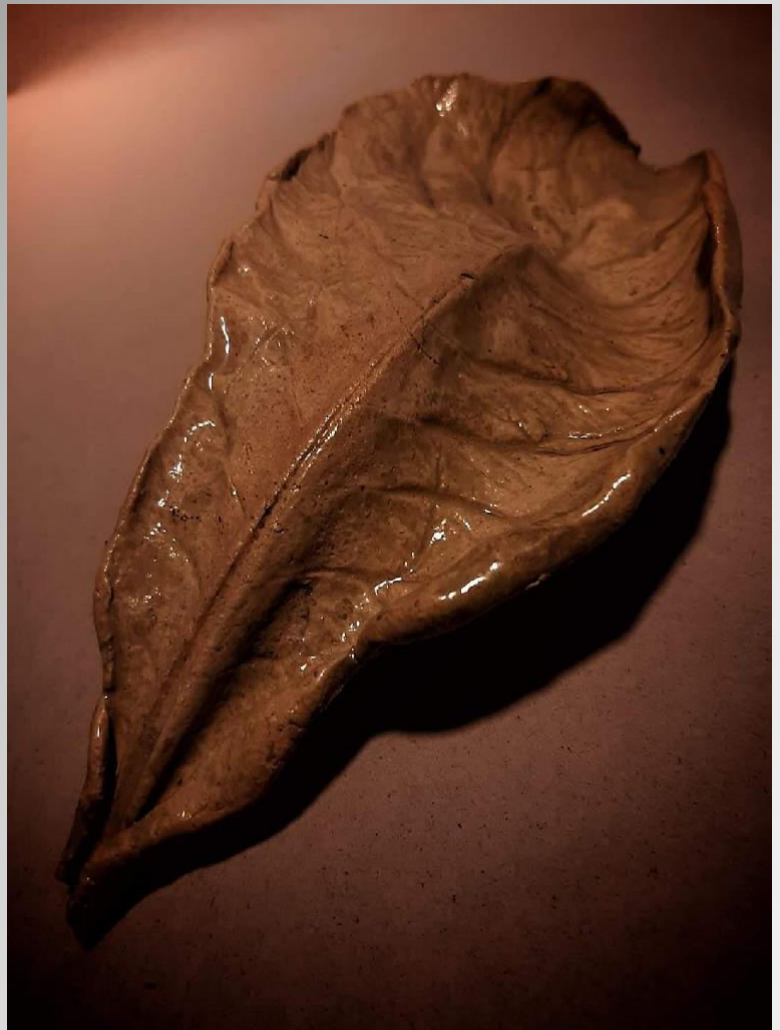


BIG PROJECTS



OUR NEW LAUNCHES

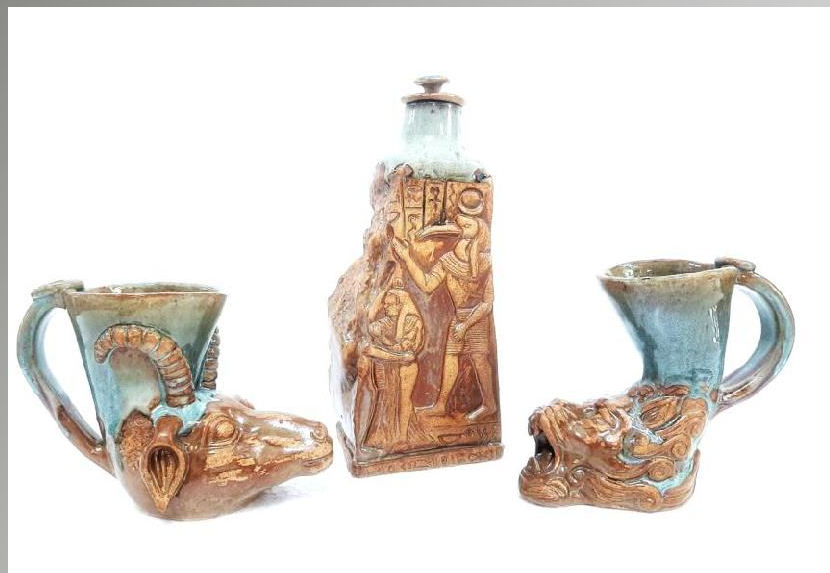
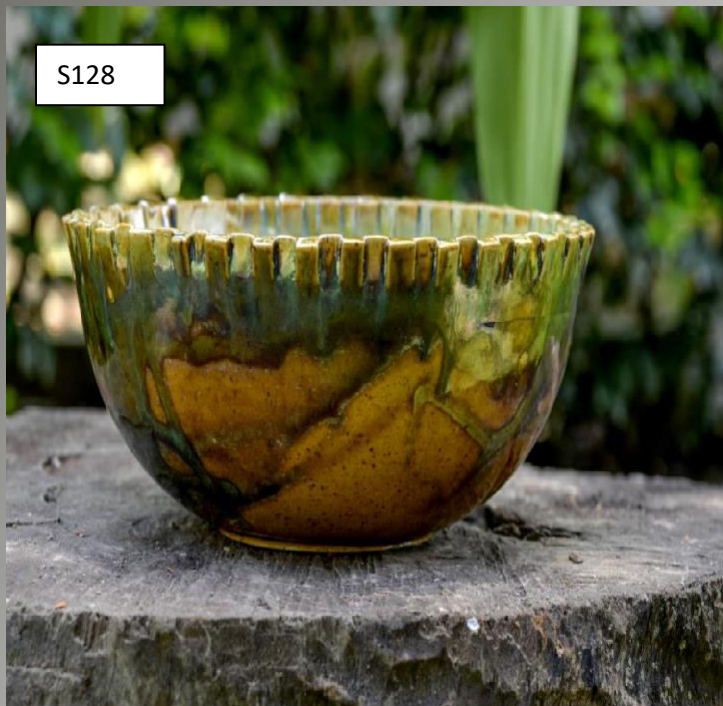
CERAMIC POTTERY



S1217



S128



S1228



S1230



S1236



S1257



S1293



S1281



S1273



S1286



S1282





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