

List of equipments available with institute/universities/organization in India					
Sl. No.	Equipment Name	Manufacturer	Model	Institution Name	Department
1	2-Dimensional Detector based X-Ray Diffractometer (2D-XRD)	Xenocs France	Xeuss SAXS/WAXS system operated at 50 kV and 0.60 mA	CSIR National Institute for Interdisciplinary Science and Technology (NIIST) Thiruvananthapuram	
2	Advance Powder X-ray Diffractometer (PXRD)	Bruker AXS	D8 Advance	Indian Institute of Technology (IIT) Jodhpur	CASE
3	Aeris Benchtop Powder X-ray Diffractometer (XRD)	Malvern Panalytical	Aeris	Indian Institute of Technology (IIT) Madras	Physics
4	AXRD benchtop powder diffraction system	Proto manufacturing	AXRD benchtop system	CSIR Indian Institute of Petroleum (IIP) Dehradun	
5	Basic X-Ray Diffraction (XRD) System	Spectris Technologies Pvt. Ltd.		Visvesvaraya National Institute of Technology (VNIT) Nagpur	Department of Metallurgical and Materials Engineering
6	Bench Top AXRD	Proto XRD	Bench Top	Prabhat Kumar College Contai	Central Facility
7	Bench Top X-Ray Diffraction (BTXRD)	Rigaku Corporation, Japan	Rigaku Miniflex 600 Desktop X-Ray Diffraction System	Indian Institute of Technology (Banaras Hindu University) Varanasi	Central Instrument Facility (CIF)
8	Bench top XRD system minifixx	Rigaku	Miniflex 600	National Institute of Technology (NIT) Calicut	Department of Chemistry
9	Benchtop X-Ray Diffractometer (XRD)	Rigaku	MiniFlex II	CSIR Central Salt and Marine Chemicals Research Institute (CSMCRI) Bhavnagar	Analytical and Environmental Science Division and Centralized Instrument Facility
10	Bruker D8 Discover X-ray Diffractometer (XRD)	Bruker	D8 Discover	Indian Institute of Technology (IIT) Madras	Metallurgical and Materials Engineering
11	Bruker D8 SCXRD	Bruker	D8 Venture	Indian Institute of Technology (IIT) Hyderabad	Chemistry
12	CCD Based Single Crystal X-ray Diffractometer (XRD)	Rigaku	Saturn 724+CCD	CSIR North East Institute of Science and Technology (NEIST) Jorhat	
13	Desktop X-Ray Diffractometer (XRD) System	Rigaku	MiniFlex	Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat	Department of Mechanical Engineering
14	FACS Single Crystal XRD			Indian Institute of Technology (IIT) Indore	
15	Four Circle Diffractometer XRD	Rigaku Corporation Japan	Ultima IV	Indian Institute of Technology (IIT) Kanpur	Advanced Centre for Materials Science
16	Glancing Angle X-Ray Diffraction (GAXRD)	Bruker	D8 Advance	Indian Institute of Technology (IIT) Roorkee	Institute Instrumentation Centre (IIC)
17	High intensity Micro area XRD unit	RIGAKU Corp., Japan	RAPID-II-D/MAX	International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Hyderabad	Centre for Materials Characterization and Testing
18	High Resolution X-Ray Diffraction (HRXRD)			Anna University Chennai	
19	High Resolution X-Ray Diffraction (HRXRD)	Regaku Corporation Japan	Rigaku SmartLab 9kW Powder type (Without cradle)	Indian Institute of Technology (Banaras Hindu University) Varanasi	Central Instrument Facility (CIF)
20	High Resolution XRD	Bruker Germany	Bruker D8 Discover A25	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
21	High Resolution XRD (HRXRD) Laboratory	Spectris Pte Ltd	PANalytical X'Pert Pro PW 3040/60	Indian Institute of Technology (IIT) Kharagpur	Central Research Facility CRF
22	High Temperature X-ray Diffractometer (HTXRD)	Bruker	D8 ADVANCE		
23	Ixrd Residual Stress Analyzer			Alagappa University Karaikudi	University Science Instrumentation Centre
24	Mini X-ray Diffractometer (XRD) Unit	Rigaku	RIGAKU MiniFlex II	Indian Institute of Technology (IIT) Hyderabad	Mechanical Engineering
25	Mini XRD	Bruker, Germany	D8 Advanced	S N Bose National Centre for Basic Sciences Kolkata	Technical Cell SBNBCBS
26	Multipurpose XRD	Rigaku	SmartLab	CSIR Advanced Materials and Processes Research Institute (AMPRI) Bhopal	
27	Panalytical PXRD	PANalytical	PANalytical	Indian Institute of Technology (IIT) Gandhinagar	Central Instrumentation Facility
28	Panalytical? XRD	PANalytical Netherlands	X'Pert Powder	Indian Institute of Science (IISc) Bengaluru	Solid State and Structural Chemistry Unit
29	Powder X-ray Diffraction (P- XRD)	Bruker	Bruker AXS D8 Focus	Indian Institute of Technology (IIT) Kanpur	Advanced Centre for Materials Science
30	Powder and Thin Film X-ray Diffraction (XRD)	Panalytical	XPRT3 Powder	Central University of Gujarat Gandhinagar	Central Instrumentation Facility
31	Powder X-Ray Diffractometer	Rigaku	XRD SmartLab	Indian Institute of Technology (IIT) Kanpur	Chemical Engineering
32	Powder X-Ray Diffraction (Powder XRD)	Bruker	AXS D8	Indian Institute of Technology (IIT) Palakkad	Central Instrumentation Facility
33	Powder X-Ray Diffraction (Powder XRD)	Rigaku-Japan	Smart Lab	Indian Institute of Technology (IIT) Roorkee	Institute Instrumentation Centre (IIC)
34	Powder X-Ray Diffraction (PXRD)			International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Hyderabad	
35	Powder X-Ray Diffraction (PXRD)			Bangalore University Jnana Bharathi Bengaluru	
36	Powder X-Ray Diffraction (PXRD)			Central University of Jharkhand Brambe	
37	Powder X-Ray Diffraction (PXRD)			Central University of Gujarat Gandhinagar	
38	Powder X-Ray Diffraction (PXRD)			Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar	
39	Powder X-Ray Diffraction (PXRD)			Indian Institute of Technology (IIT) Indore	
40	Powder X-Ray Diffraction (PXRD)			Karunya Institute of Technology and Sciences Coimbatore	
41	Powder X-Ray Diffraction (PXRD)			Kalasalingam University Virudhunagar	
42	Powder X-Ray Diffraction (PXRD)	Bruker	D8 Advance A25	Poornaprajna Institute of Scientific Research (PPISR) Bengaluru	
43	Powder X-Ray Diffraction (PXRD)	Bruker	D8 DISCOVER	Indian Institute of Technology (IIT) Bhilai	Central Instrumentation Facility
44	Powder X-ray Diffraction (PXRD)	Malvern Panalytical	Aeris	Indian Institute of Technology (IIT) Gandhinagar	Central Instrumentation Facility
45	Powder X-ray Diffraction (PXRD)	Rigaku		Indian Institute of Technology (Indian School of Mines) Dhanbad	Chemical Engineering
46	Powder X-Ray Diffraction (XRD)	Bruker AXS GmbH, Gertmany	Bruker AXS high resolution X-Ray Diffractometer D-8 Advance basic hardware and software unit	Indian Institute of Technology (IIT) Indore	Discipline of Physics
47	Powder X-ray Diffractometer (Powder XRD)	Bruker AXS GmbH Germany	D8 ADV	Institute of Advanced Study in Science and Technology (IASST) Guwahati	
48	Powder X-Ray Diffractometer (PXRD)	Bruker		Dr Harisingh Gour Vishwavidyalaya Sagar	Sophisticated Instrumentation Centre
49	Powder X-Ray Diffractometer (PXRD)	Bruker	Bruker AXS D8 Advance	Indian Institute of Technology (IIT) Bhubaneswar	Central Research Instrumentation Facility
50	Powder X-ray Diffractometer (PXRD)	Bruker Corporation US	D8 Advance	Indian Institute of Technology (IIT) Jodhpur	Department of Chemistry
51	Powder X-ray Diffractometer (PXRD)	Bruker Corporation US	D8 Advance A25	Sophisticated Test and Instrumentation Centre (STIC) Cochin	SAIFKOCHI
52	Powder X-Ray Diffractometer (PXRD)	Bruker, Germany	D8 Advance	Sophisticated Test and Instrumentation Centre (STIC) Cochin	SAIFKOCHI
				CSIR Indian Institute of Chemical Technology (IICT) Hyderabad	

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53	Powder X-ray Diffractometer (PXRD)	Malvern Panalytical		Indian Institute of Science Education and Research (IISER) Pune	Chemistry
54	Powder X-ray Diffractometer (PXRD)	Malvern Panalytical	Eympercan	Koneru Lakshmaiah Education Foundation Vijayawada	Physics
55	Powder X-ray Diffractometer (PXRD)	Malvern Panalytical Ltd	Empyrean	SRM University AP Andhra Pradesh Guntur	Physics
56	Powder X-Ray Diffractometer (PXRD)	PAN Alytical	SI 200857	National Institute of Technology (NIT) Hamirpur	Centre for Materials Science and Engineering
57	Powder X-Ray Diffractometer (PXRD)	PANalytical	Empyrean	CSIR Central Salt and Marine Chemicals Research Institute (CSMCRI) Bhavnagar	Analytical and Environmental Science Division and Centralized Instrument Facility
58	Powder X-ray Diffractometer (PXRD)	Panalytical	X'Pert Pro	Panjab University Chandigarh	Department of SAIF and CIL
59	Powder X-ray Diffractometer (PXRD)	Philips	PW 1710	Rashtrasant Tukadoji Maharaj Nagpur University Nagpur	Sophisticated Analytical Instrument Facility
60	Powder X-ray Diffractometer (PXRD)	Rigaku	SmartLab 9kW	Indian Institute of Technology (IIT) Guwahati	Central Instruments Facility (CIF)
61	Powder X-ray Diffractometer (PXRD)	Rigaku	Smartlab SE	Institute of Chemical Technology (ICT) Mumbai	Department of Physics
62	Powder X-Ray Diffractometer (PXRD)	Rigaku Corporation	Altima 4	CSIR Indian Institute of Chemical Technology (IICT) Hyderabad	
63	Powder X-ray Diffractometer (PXRD)	Shimadzu	LabX XRD-6100 advance diffractometer		
64	Powder X-Ray Diffractometer (PXRD)	Siemens, Germany	D5000	Aligarh Muslim University (AMU) Aligarh	Physics
65	Powder X-ray Diffractometer (PXRD) 2 theta	PANalytical	EMPYREAN	CSIR Indian Institute of Chemical Technology (IICT) Hyderabad	
66	Powder X-Ray Diffractometer (PXRD) Grazing Incidence Diffraction	Panalytical	EMPYREAN	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
67	Powder X-ray Diffractometer (PXRD) MiniFlex 600 Benchtop	Rigaku	MiniFlex600	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
68	Powder X-ray Diffractometer (PXRD) PANalytical Xpert3	Malvern Panalytical	DY5472	Adichunchanagiri University (ACU) Nagamangala	School of Natural Sciences
69	Powder X-Ray Diffractometer (PXRD) Reflectivity Phi RC	Panalytical	EMPYREAN	SRM Institute of Science and Technology (SRMIST) Chennai	Department of Chemistry (KTR Campus)
70	Powder X-Ray Diffractometer (PXRD) RSM	Panalytical	EMPYREAN	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
71	Powder X-Ray Diffractometer (PXRD) Small Angle X-ray	Panalytical	EMPYREAN	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
72	Powder X-Ray Diffractometer (PXRD) two Theta at one Temperature VT	Panalytical	EMPYREAN	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
73	Powder X-Ray Diffractometer (PXRD) two Theta in Rotating Mode	Panalytical	EMPYREAN	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
74	Powder X-Ray Diffractometer (XRD)			Anna University Chenna	
75	Powder X-Ray Diffractometer (XRD)	Bruker	D8-Advance	Gandhi Institute of Technology and Management (GITAM) (Deemed to be University)Visakhapatnam	Department of Chemistry
76	Powder X-ray Diffractometer (XRD)	M/S Bruker AXS GmbH, Germany	D8 Advance	CSIR Indian Institute of Petroleum (IIP) Dehradun	
77	Powder X-Ray Diffractometer (XRD)	PANalytical	X'pert Pro	CSIR National Chemical Laboratory (NCL) Pune	
78	Powder X-ray Diffractometer (XRD)	Phillips		Indian Institute of Science (IISc) Bengaluru	Materials Research Centre
79	Powder X-ray Diffractometer(XRD)	Rigaku	Smart lab 9kW	Indian Institute of Science Education and Research (IISER) Tirupati	Chemistry
80	Powder X-ray Diffractometer (PXRD)	Phillips	X Pert Pro	Gauhati University Guwahati	Sophisticated Analytical Instrument Facility (SAIF)
81	Powder X-Ray Diffrctometer (XRD)	Rigaku, Japan	ULTIMA IV	CSIR North East Institute of Science and Technology (NEIST) Jorhat	
82	Powder X-Ray Diffraction (PXRD)	RIGAKU	RIGAKU MINI FLEX II	CSIR Central Leather Research Institute (CLRI) Chennai	CATERS
83	Powder XRD	Bruker	Bruker D8 Advance	Lovely Professional University (LPU) Jalandhar	Central Instrumentation Facility CIF
84	Powder XRD	Bruker Germany	Bruker D8 Advance	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
85	Powder XRD	PANalytical	XPRT PRO	Indian Institute of Technology (IIT) Hyderabad	Chemistry
86	Powder XRD	Rigaku	SmartLab	Indian Institute of Technology (IIT) Hyderabad	Chemical Engineering
87	Powder XRD (PXRD)	Malvern Panalytical	Empyrean	Gauhati University Guwahati	Sophisticated Analytical Instrument Facility (SAIF)
88	Powder XRD (PXRD)	Rigaku	Smart lab	Indian Institute of Technology (IIT) Roorkee	Institute Instrumentation Centre (IIC)
89	Powder XRD (PXRD) EQUINOX 1000	INEL		Annamalai University Annamalaiagar	Chemistry
90	Powder XRD for low temperature data	Bruker Germany	Bruker D8 Discover	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
91	PROTO iXRD Residual Stress Analyzer	PROTO	iXRD MG40P FS2 Auto retained Austenite	Indian Institute of Technology (IIT) Madras	Metallurgical and Materials Engineering
92	PXRD	Make: Rigaku Model:SmartLab SE		National Institute of Technology (NIT) Meghalaya	Central Instrumentation Facility
93	Rigaku Miniflex Table Top Powder X-ray Diffraction (PXRD)	Rigaku	Rigaku miniflex 600	National Institute of Technology (NIT) Karnataka Surathkal	Physics
94	Rigaku XRD	Rigaku Japan	Smart Lab 9kW	Indian Institute of Technology (IIT) Madras	Physics
95	Scintag High Temperature X-ray Diffractometer (XRD)			Indian Institute of Science (IISc) Bengaluru	Materials Research Centre
96	Single crystal Diffractometer XRD	Bruker		Annamalai University Annamalaiagar	Chemistry
97	Single Crystal X-Ray (XRD)	Bruker		Indian Institute of Technology (IIT) Bhubaneswar	Central Research Instrumentation Facilit
98	Single Crystal X-ray Diffraction (SC-XRD)	Bruker	AXS D8 VENTURE	Central University of Gujarat Gandhinagar	Central Instrumentation Facility
99	Single Crystal X-Ray Diffraction (SCXRD)	Bruker	D8 QUEST	Indian Institute of Technology (IIT) Gandhinagar	Central Instrumentation Facility
100	Single Crystal X-Ray Diffraction (SCXRD)	Bruker	Kappa APEX II	Indian Institute of Technology (IIT) Roorkee	Institute Instrumentation Centre (IIC)

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101	Single Crystal X-Ray Diffraction (SCXRD)	M/s. Oxford Diffraction (M/s. Rigaku Corporation)	X-Calibur Mova	Indian Institute of Science (IISc) Bengaluru	Solid State and Structural Chemistry Unit
102	Single Crystal X-ray Diffraction (SCXRD) System	Bruker	D8 Venture Diffractometer Dual Source (Mo & Cu)	Indian Institute of Science Education and Research (IISER) Tirupati	Chemistry
103	Single Crystal X-Ray Diffractometer (SC-XRD)	Bruker, Germany	D8 Quest	CSIR Indian Institute of Chemical Technology (IICT) Hyderabad	
104	Single Crystal X-Ray Diffractometer (SCXRD)			SASTRA Deemed Universit	
105	Single Crystal X-ray Diffractometer (SCXRD)	Agilent	Single source supernova E (Mo source)	Indian Institute of Technology (IIT) Guwahati	
106	Single Crystal X-ray Diffractometer (SCXRD)	Agilent	Single source supernova E (Mo source)	Indian Institute of Technology (IIT) Guwahati	
107	Single Crystal X-Ray Diffractometer (SCXRD)	Bruker	AXS D8 Quest	Indian Institute of Technology (IIT) Patna	Sophisticated Analytical Instrument Facility (SAIF)
108	Single Crystal X-Ray Diffractometer (SCXRD)	Bruker	Bruker	Indian Institute of Technology (IIT) Jodhpur	Department of Chemistry
109	Single Crystal X-ray Diffractometer (SCXRD)	Bruker	Bruker D8 Venture	Indian Institute of Engineering Science and Technology (IIEST) Shibpur Howrah	Sophisticated Analytical Instruments Facility SAIF
110	Single Crystal X-ray Diffractometer (SCXRD)	Bruker	Smart Apex-II	Gauhati University Guwahati	Sophisticated Analytical Instrument Facility (SAIF)
111	Single Crystal X-ray Diffractometer (SCXRD)	Bruker AXS	Apex II, Source (Mo K?)	Indian Institute of Technology (IIT) Jodhpur	CASE
112	Single Crystal X-ray Diffractometer (SCXRD)	Bruker AXS GmbH	D8 Venture (Cu)	Indian Institute of Science Education and Research (IISER) Pune	Chemistry
113	Single Crystal X-ray Diffractometer (SCXRD)	Bruker AXS GmbH	Kappa Apex-II Duo	Indian Institute of Science Education and Research (IISER) Pune	Chemistry
114	Single Crystal X-ray Diffractometer (SCXRD)	Bruker AXS GmbH Germany	D8 Venture (Duo)	Indian Institute of Science Education and Research (IISER) Pune	Chemistry
115	Single Crystal X-ray Diffractometer (SCXRD)	Bruker AXS GmbH Germany	SMART APEX II	Dr Harisingh Gour Vishwavidyalaya Sagar	Sophisticated Instrumentation Centre
116	Single Crystal X-ray Diffractometer (SCXRD)	Rigaku	XtaLAB Synergy PRO II	National Institute of Technology (NIT) Rourkela	
117	Single Crystal X-ray Diffractometer (SCXRD)	Rigaku	XtaLAB Synergy PRO II	National Institute of Technology (NIT) Rourkela	Chemistry
118	Single Crystal X-ray Diffractometer (SCXRD) (Low Temperature)	Bruker	Smart ApexII	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
119	Single Crystal X-ray Diffractometer (SCXRD) Room Temperature	Bruker	Smart Apex II, D8-Venture	Indian Institute of Science Education and Research (IISER) Bhopal	Central Instrumentation Facility
120	Single Crystal X-ray Diffractometer (SCXRD)-Unit Cell	Bruker Corporation US	Kappa Apex II	Sophisticated Test and Instrumentation Centre (STIC) Cochin	SAIFKOCHI
121	Single Crystal X-ray Diffractometer (SXRd)	Agilent	Supernova	Indian Institute of Technology (IIT) Indore	Sophisticated Instrument Centre (SIC)
122	Single Crystal X-Ray Diffractometer (XRD)	Bruker	Bruker Kappa APEXII	Indian Institute of Technology (IIT) Madras	Sophisticated Analytical Instrument Facility (SAIF)
123	Single Crystal X-Ray Diffractometer (XRD)	Bruker	D8-Quest	National Institute of Technology (NIT) Kurukshetra	Department of Chemistry
124	Single Crystal X-Ray Diffractometer (XRD)	Bruker Axs Germany	Bruker D8 VENTURE D76187	Indian Institute of Technology (IIT) Madras	Sophisticated Analytical Instrument Facility (SAIF)
125	Single Crystal X-Ray Diffractometer (XRD)	Bruker-AXS	D8 Venture	CSIR National Chemical Laboratory (NCL) Pune	
126	Single Crystal X-Ray Diffractometer (XRD)	Bruker-AXS	SMART APEX II	CSIR National Chemical Laboratory (NCL) Pune	
127	Single Crystal X-Ray Diffractometer (XRD)	Rigaku, Japan	Saturn 724+ HG	CSIR National Institute for Interdisciplinary Science and Technology (NIIST) Thiruvananthapuram	
128	Single Crystal XRD	Bruker	D8Venture	Indian Institute of Technology (IIT) Ropar	Central Research Facility
129	Single Crystal XRD	Rigaku	SATURN 724 HG	Mangalore University Mangalagangotri	
130	SINGLE CRYSTAL XRD	RIGAKU	SUPER NOVA	Indian Institute of Technology (Indian School of Mines) Dhanbad	Central Research Facility
131	Single Crystal XRD D8 Quest for Room Temperature	Bruker Germany	D8 Quest	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
132	Single Crystal XRD D8 Quest for Variable Temperature	Bruker Germany	D8 Quest	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
133	Single Crystal XRD Data Collection at Room Temperature	Rigaku	SUPER NOVA	Indian Institute of Technology (Indian School of Mines) Dhanbad	Central Research Facility
134	Single Crystal XRD Data Collection using Liquid Nitrogen	Rigaku	SUPER NOVA	Indian Institute of Technology (Indian School of Mines) Dhanbad	Central Research Facility
135	Single Crystal XRD Kappa for Room Temperature Data	Bruker Germany	Bruker Kappa Apex II	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
136	Single Crystal XRD Kappa for Variable Temperature Data	Bruker Germany	Bruker Kappa Apex II	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
137	Single Crystal XRD Smart Ultra for Room Temperature Data	Bruker Germany	Bruker Smart Apex II Ultra	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
138	Single Crystal XRD Smart Ultra for Variable Temperature Data	Bruker Germany	Bruker Smart Apex II Ultra	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
139	Table Top Powder XRD	Bruker	D2 Phaser	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
140	Table Top XRD	Rigaku	MiniFlex	Indian Institute of Technology (IIT) Indore	Discipline of Physics
141	Table Top XRD System			Birla Institute of Technology and Science (BITS) Pilani	Physics
142	Texture Analysing XRD	Bruker Germany	Bruker D8 Discover	Central University of Kerala	Department of Physics
143	Thin Film XRD			Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
144	Thin Film XRD	Bruker Germany	Bruker D8 Discover A25	Indian Institute of Technology (IIT) Hyderabad	Department of MSME
145	Two Circle Diffractometer XRD	Rigaku Corporation Japan	Miniflex 600	Indian Institute of Science (IISc) Bengaluru	Central X ray Facility
146	X-ray Diffraction (XRD)			Indian Institute of Technology (IIT) Kanpur	Advanced Centre for Materials Science
				Mahatma Gandhi University Kottayam	School of Chemical Sciences

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147	X-ray Diffraction (XRD)			P D Patel Institute of Applied Sciences Charotar University of Science and Technology (CHARUSAT) Cha	
148	X-Ray Diffraction (XRD)			Khulna University of Engineering & Technology (KUET) Khulna Bangladesh	Department of Materials Science and Engineering
149	X-Ray Diffraction (XRD)	PANalytical	PANalytical 3 kW X'pert Powder	National Institute of Technology (NIT) Raipur	Metallurgical Engineering
150	X-ray Diffraction (XRD)	PANalytical	X'pert Powder	National Institute of Technology (NIT) Warangal	Metallurgical and Materials Engineering
151	X-Ray Diffraction (XRD)	Rigaku	Smart Lab 3KW	Motilal Nehru National Institute of Technology (MNNIT) Allahabad Prayagraj	
152	X-ray Diffraction (XRD)	Rigaku	Smartlab	Siddaganga Institute of Technology Tumkur	Chemistry
153	X-ray Diffraction (XRD)	Rigaku	SMARTLAB SE	Uttaranchal University Dehradun	Division of Research and Innovation
154	X-Ray Diffraction (XRD)	Rigaku Japan	Ultima-IV	National Institute of Technology (NIT) Tiruchirappalli	Metallurgical and Materials Engineering
155	X-ray Diffraction (XRD) Facility	PANalytical BV	Empyrean, PANalytical	Indian Institute of Technology (IIT) Kanpur	Materials Science and Engineering
156	X-Ray Diffraction (XRD) Powder	PANANALYTICAL	Xpert Pro MPD	Indian Institute of Technology (IIT) Ropar	Central Research Facility
157	X-ray Diffraction (XRD-miniflex)	NA		CSIR National Physical Laboratory (NPL) New Delhi	Advanced Materials and Devices Division
158	X-Ray Diffraction Spectrometer (XRD)	inXitu, USA	BTX-226	Indian Institute of Geomagnetism (IIG) Navi Mumbai	
159	X-ray Diffraction Spectrometer (XRD)	Rigaku Corporation	NMINIFLEX600	CIPET SARP Advanced Polymer Design and Development Research Laboratory (APDDRIL) Bengaluru	R & D
160	X-Ray Diffraction System (XRD)	M/s. Bruker AXS GMBH, Germany	Kappa apex II	Indian Institute of Science (IISc) Bengaluru	Solid State and Structural Chemistry Unit
161	X-Ray Diffraction System for Powder Thin Films with low temp. XRD at Variable temperature			Jawaharlal Nehru University New Delhi	
162	X-ray Diffractometer (XRD)			Indian Institute of Science (IISc) Bengaluru	Materials Engineering
163	X-ray Diffractometer (XRD)			Alagappa University Karaikudi	
164	X-ray Diffractometer (XRD)			Amity University Noida	
165	X-ray Diffractometer (XRD)			BMS Institute of Technology and Management Bengaluru	
166	X-ray Diffractometer (XRD)			Birla Institute of Technology and Science (BITS) Pilani	
167	X-ray Diffractometer (XRD)			Bhabha Atomic Research Centre Mumbai	
168	X-ray Diffractometer (XRD)			Bannari Amman Institute of Technology Erode	
169	X-ray Diffractometer (XRD)			Banasthali Vidyapith Vanasthali	
170	X-ray Diffractometer (XRD)			Cochin University of Science and Technology Cochin	
171	X-ray Diffractometer (XRD)			CMR Institute of Technology Bengaluru	
172	X-ray Diffractometer (XRD)			Centre for Incubation Innovation Research and Consultancy (CIIRC) Jyothy Institute of Technology Cam	
173	X-ray Diffractometer (XRD)			Centre for Converging Technologies University of Rajasthan Jaipur	
174	X-ray Diffractometer (XRD)			Central University of Jharkhand Brambe	
175	X-ray Diffractometer (XRD)			Delhi Technological University Delhi	
176	X-ray Diffractometer (XRD)			Defence Institute of Advanced Technology Pune	
177	X-ray Diffractometer (XRD)			Deenbandhu Chhotu Ram University of Science and Technology (DCRUST) Sonapat	
178	X-ray Diffractometer (XRD)			Guru Nanak Dev University (GNDU) Amritsar	
179	X-ray Diffractometer (XRD)			Guru Ghasidas Vishwavidyalaya Bilaspur	Central Research Facility
180	X-ray Diffractometer (XRD)			Government College Kottayam	
181	X-ray Diffractometer (XRD)			Gauhati University Guwahati	
182	X-ray Diffractometer (XRD)			Institute of Science and Technology (IST) JNTUH Hyderabad	
183	X-ray Diffractometer (XRD)			Indian Institute of Technology (IIT) Guwahati	
184	X-ray Diffractometer (XRD)			Karunya Institute of Technology and Sciences Coimbatore	
185	X-ray Diffractometer (XRD)			Jaypee Institute of Information Technology (JIIT) Noida	
186	X-ray Diffractometer (XRD)			Jawaharlal Nehru Technological University Hyderabad	
187	X-ray Diffractometer (XRD)			Jamia Millia Islamia (JMI) New Delhi	
188	X-ray Diffractometer (XRD)			Jain University Bengaluru	
189	X-ray Diffractometer (XRD)			Manonmaniam Sundaranar University Tirunelveli	
190	X-ray Diffractometer (XRD)			Manipal Academy of Higher Education (MAHE) Manipal	
191	X-ray Diffractometer (XRD)			Osmania University Hyderabad	
192	X-ray Diffractometer (XRD)			National Institute of Science Education and Research Bhubaneswar	
193	X-ray Diffractometer (XRD)			National Institute of Engineering (NIE) Mysuru	
194	X-ray Diffractometer (XRD)			Rajiv Gandhi University of Knowledge Technologies Nuzvid	
195	X-ray Diffractometer (XRD)			R V College of Engineering Bengaluru	
196	X-ray Diffractometer (XRD)			PDPM Indian Institute of Information Technology Design and Manufacturing (IIITDM) Jabalpur	
197	X-ray Diffractometer (XRD)			Panjab University Chandigarh	
198	X-ray Diffractometer (XRD)			Shivaji University Kolhapur	
199	X-ray Diffractometer (XRD)			Savitribai Phule Pune University Pune	
200	X-ray Diffractometer (XRD)			University of Delhi New Delhi	
201	X-ray Diffractometer (XRD)			University of Jammu Jammu Tawi	
202	X-ray Diffractometer (XRD)			University of Calicut Malappuram	
203	X-ray Diffractometer (XRD)			Tezpur University Tezpur	
204	X-ray Diffractometer (XRD)			University of Madras Chennai	
205	X-ray Diffractometer (XRD)			Visvesvaraya Technological University Belagavi	

Sl. No:	Equipment Name	Manufacturer	Model	Institution Name	Department
206	X-ray Diffractometer (XRD)			Visvesvaraya Institute of Advanced Technology Muddenahalli	
207	X-ray Diffractometer (XRD)			Pondicherry University Puducherry	
208	X-ray Diffractometer (XRD)			Malaviya National Institute of Technology (MNIT) Jaipur	
209	X-ray Diffractometer (XRD)			Jadavpur University Kolkata	
210	X-ray Diffractometer (XRD)	PANalytical	Empyrean	Central University of Rajasthan Kishangarh	
211	X-ray Diffractometer (XRD)	Bruker	D 8 Advance	Indian Institute of Technology (IIT) Guwahati	Department of Chemical Engineering
212	X-Ray Diffractometer (XRD)	Bruker	D8	CSIR National Geophysical Research Institute (NGRI) Hyderabad	
213	X-Ray Diffractometer (XRD)	Bruker	D8 Advance	Indian Institute of Engineering Science and Technology (IIEST) Shibpur Howrah	Metallurgy and Materials Engineering
214	X-Ray Diffractometer (XRD)	Bruker	D8 Advance A25-X1-1A32C4B	National Institute of Technology (NIT) Agartala	Central Research Facility
215	X-ray Diffractometer (XRD)	Bruker	D8 Advance Davinci	University of Kerala Thiruvananthapuram	Central Laboratory for Instrumentation and Facilitation
216	X-ray Diffractometer (XRD)	Bruker AXS Analytical Instruments (P) Ltd	D8 ADVANCE	National Institute of Technology (NIT) Jamshedpur	Department of Metallurgical and Materials Engineering
217	X-ray Diffractometer (XRD)	Bruker Ltd Germany	D2 Phaser	Shivaji University Kolhapur	Physics
218	X-ray Diffractometer (XRD)	Bruker Netherlands	D 8 Advance	Indian Institute of Technology (IIT) Guwahati	Department of Chemical Engineering
219	X-Ray Diffractometer (XRD)	Bruker, India	D2 Phaser	CSIR Structural Engineering Research Centre (SERC) Chennai	Material and Mechanical Characterisation Facility
220	X-ray Diffractometer (XRD)	Bunkr		University of Hyderabad, Hyderabad	
221	X-Ray Diffractometer (XRD)	M/s PANalytical	Empyrean	CSIR Indian Institute of Chemical Technology (IICT) Hyderabad	
222	X-Ray Diffractometer (XRD)	Make: Rigaku, Japan	Model: Ultima IV	CSIR Central Institute of Mining and Fuel Research (CIMFR) Dhanbad	
223	X-ray Diffractometer (XRD)	Malvern Panalytical BV The Netherlands	Emp3	Indian Institute of Technology (IIT) Roorkee	Department of Chemical Engineering
224	X-Ray Diffractometer (XRD)	MIS Rigaku corporation, Japan	Smart Lab SE A00007621	CSIR Indian Institute of Toxicology Research (IITR) Lucknow	
225	X-ray Diffractometer (XRD)	NA	NA	Indian Institute of Science (IISc) Bengaluru	Physics
226	X-ray Diffractometer (XRD)	Panalytical	Empyrean	Indian Institute of Technology (IIT) Kharagpur	Materials Science Centre
227	X-ray Diffractometer (XRD)	PANalytical	PW3040/60	CSIR Central Electrochemical Research Institute (CECRI) Karaikudi	Central Instrumentation Facility Division
228	X-Ray Diffractometer (XRD)	PANalytical	X'Pert Pro	CSIR Institute of Minerals and Materials Technology (IMMT) Bhubaneswar	
229	X-ray Diffractometer (XRD)	Panalytical Netherland	X-Pert Pro	Malaviya National Institute of Technology (MNIT) Jaipur	Material Research Center
230	X-ray Diffractometer (XRD)	Panalytical Netherland	X-Pert Pro	Material Research Centre (MRC) MNIT Jaipur	MRC MNIT
231	X-Ray Diffractometer (XRD)	Panalytical, Netherlands	Aeris	St. Thomas' College (Autonomous) Thrissur	Physics
232	X-ray Diffractometer (XRD)	Panalytical/Malvern Panalytical	Multi Purpose Empyrean Series III Intelligent Automated Diffractometer	Multi Purpose Empyrean Series III Intelligent Automated Diffractometer	PSG College of Technology Coimbatore
233	X-ray Diffractometer (XRD)	Proto Manufacturing	AXRD	Government Holkar (Model Autonomous) Science College Indore	Department of Physics
234	X-Ray Diffractometer (XRD)	Rigaku	Dmax 2200	CSIR Central Building Research Institute (CBRI) Roorkee	
235	X-ray Diffractometer (XRD)	Rigaku	MINIFLEX 600	Central University of Jammu	Department of Physics and Astronomical Sciences
236	X-ray Diffractometer (XRD)	Rigaku	SMART LAB	Bharathidasan University Tiruchirappalli	University Instrumentation Centre
237	X-ray Diffractometer (XRD)	Rigaku	Smartlab	Indian Institute of Technology (Indian School of Mines) Dhanbad	Central Research Facility
238	X-ray Diffractometer (XRD)	Rigaku	SmartLab	Birla Institute of Technology and Science (BITS) Pilani	Physics
239	X-Ray Diffractometer (XRD)	Rigaku	Ultima IV	CSIR Institute of Minerals and Materials Technology (IMMT) Bhubaneswar	
240	X-ray Diffractometer (XRD)	Rigaku	Ultima IV	National Institute of Technology (NIT) Rourkela	Physics and Astronomy
241	X-Ray Diffractometer (XRD)	Rigaku	Ultima-IV	Solapur University Solapur	
242	X-ray Diffractometer (XRD)	Rigaku	Ultima-IV	Jamia Millia Islamia (JMI) New Delhi	Central Instrumentation Facility (CIF)
243	X-Ray Diffractometer (XRD)	Rigaku Corp. Japan	Ultima IV	CSIR National Institute of Oceanography (NIO) Panaji	
244	X-ray Diffractometer (XRD)	Rigaku Japan	Ultima IV X-Ray Diffractometer	JAIN (DEEMED-TO-BE UNIVERSITY)	Centre for Nano and Material Sciences
245	X-ray Diffractometer (XRD)	Rigaku, Japan	ULTIMA IV	CSIR North East Institute of Science and Technology (NEIST) Jorhat	
246	X-ray Diffractometer (XRD)	Shimadzu	XRD-7000	R V College of Engineering Bengaluru	Interdisciplinary Research Center
247	X-ray Diffractometer (XRD)	Spectris Pte Ltd	Empyrean	Indian Institute of Technology (IIT) Goa	Center of Excellence in Particulates Colloids and Interfaces
248	X-Ray Diffractometer (XRD)	Rigaku corporation, Japan	Smartlab	Indian Institute of Technology (IIT) Roorkee	Department of Metallurgical and Materials Engineering
249	X-Ray Diffractometer (XRD) - Powder and Thin Films	Rigaku	Smartlab	Indian Institute of Science (IISc) Bengaluru	Centre for Nano Science and Engineering
250	X-ray Diffractometer (XRD) - Multipurpose XRD	RigaKu	Smart lab guidance	CSIR Central Electrochemical Research Institute (CECRI) Karaikudi	Central Instrumentation Facility Division
251	X-Ray Diffractometer (XRD) 4 Circle	Rigaku	Smartlab	Indian Institute of Science (IISc) Bengaluru	Centre for Nano Science and Engineering
252	X-ray Diffractometer (XRD) Advance 8	Bruker	D8 Advance	Sophisticated Instrumentation Centre for Applied Research and Testing (SICART) Vallabh Vidyanagar	Sophisticated Analytical Instruments Facility (SAIF) SICART
253	X-Ray Diffractometer (XRD) for Macromolecules & Proteins			S N Bose National Centre for Basic Sciences Kolkata	Technical Cell SNBNCBS
254	X-ray Diffractometer (XRD) XPert Pro	Panalytical	X'Pert Pro	S N Bose National Centre for Basic Sciences Kolkata	Technical Cell SNBNCBS

Sl. No:	Equipment Name	Manufacturer	Model	Insitution Name	Department
255	X-Ray Diffractometer System (XRD)	M/s. Spectris Pte. Ltd., Singapore	Empyrean	Indian Institute of Science (IISc) Bengaluru	Solid State and Structural Chemistry Unit
256	X-ray Diffractometer(XRD) System	Bruker	D8 Advance DaVinci	Sant Longowal Institute of Engineering and Technology (SLIET) Longowal	Central Facility
257	X-Ray Power Diffraction (XRD)	Rigaku, Japan	Ultima IV	CSIR Central Glass and Ceramic Research Institute (CGCRI) Kolkata	Material Characterization and Instrument Division (MCID)
258	XRD			Indian Institute of Technology (IIT) Hyderabad	Physics
259	XRD		Ultima IV	University of Delhi New Delhi	Department of Physics and Astrophysic
260	XRD	Panalytical Netherland	X'Pert Pro	Indian Institute of Technology (IIT) Madras	Metallurgical and Materials Engineering
261	XRD	Rigaku Japan	Ultima-IV	National Aluminium Company Limited (NALCO) Bhubaneswar	NALCO Research and Technology Cente
262	XRD (Powder)	Bruker	D8 Advance ECO	UPES, Dehradun	
263	XRD (Thin Film)	Malvern Panalytic		UPES, Dehradun	R&D
264	XRD Analysis	PANalytical Aeris	AERIS	Indian Institute of Technology (IIT) Tirupati	Physics
265	XRD Bruker	Bruker	KFL Cu2KC	SRM Institute of Science and Technology (SRMIST) Chennai	SCIF:SRM Central Instrumentation Facility (KTR Campus)
266	XRD Facility			Bharathiar University Coimbatore	Physics
267	XRD High Resolution	Bruker, Germany	D8 Advanced	CSIR Advanced Materials and Processes Research Institute (AMPRI) Bhopal	
268	XRD Spectra	Rigaku	FRX	Bose Institute Kolkata	Central Instrument Facility
269	XRD X Pert Pro Unit	Malvern Panalytical BV Netherlands	PANALYTICAL X' PERT PRO	National Institute of Technology (NIT) Durgapur	Department of Metallurgical and Materials Engineering
270	XRD X-ray Texture	Bruker Germany	D8 Advance A25	National Institute of Technology (NIT) Rourkela	Metallurgical and Materials Engineering
271	XRD- X-Ray Diffractometer	Burker Germany	D8.Advance	Common facility Centre (CFC)-Sophisticated Analytical Instrument Facilities (SAIF) Kolhapur	CFC SAIF DST