

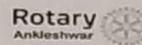
Shroff S. R Rotary Institute of Chemical Technology



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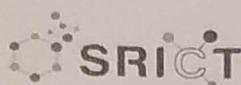


SRICT R and D Review Meeting held on (18/03/2021)

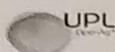
MOM-Against the month of FEB-2021

Attendance: Shri. Ashok Panjwani (AAP), Shri. B. D. Dalwadi (BDD), Shri Ashok Sharma, Shri. Bharat Trivedi (BT), Shri. Kartik Iyer (KI), Shri. Hemant Balsora (HB), Dr. Alok Gautam (AG), Dr. Ravindra Kanawade (RK), Dr. Shina Gautam (SG), Shri. Sourav Choubey (SC), Shri. Nilesh Badgujar (NB), Shri Harshal Patil (HP), Shri Praful Chudasama (PC), Shri. Manoj Kumar (MK), Ms Pratibha Gautam (PG), Mr. Darshan Salunki (DS), Mr. Hemant Purohit (HPR), Atul Agarwal (AA), Pratik Lathigara, Dr Sathish Gaddam, Mr. Harsh Shah (HS), Prof. Shrikant J. Wagh (SJW), Prof. Snehal Lokhandwala (SL), Dr. Swapna Panda (SP).

SL. No	Title of the Project	Project CODE	Project Type	Name of the faculty/ Industry persons/ Scientists/ Consultants Involved	Status of the Project	Last month MOM held on	Minutes of the Meeting
1	Plastic to oil	BEIL-01	E	KI & HB	Running	23/12/2020	1. Pilot scale set up fabrication, installation and running for the said work to be planned at SRICT premises. 2. AA to start pro-active discussion with BT on inviting quotations from various parties. 3. HB and KI, SRICT scientists' team to take follow-up for the same.
2	Refused derived fuel (RDF) to synthesis Gas	BEIL-04	E	AG & RK	Running	23/12/2020	1. Modification to be done in the blower part of the burner. 2. Contact BT for further need of help. 3. Can contact the local vendor, Patel boiler for further progress.
3	Precious metal recovery from E-waste	BEIL-05	A & B	SG & SC	Running	23/12/2020	HPR along the team will explore the following points for the progress of the project 1. Look for Cu presence still balanced or not 2. Precious metal contributes to how much extent 3. Measure to improve the concentration of copper in the E-waste 4., what kind of other impurities are there? 5. Measures can be taken to sell Cu based solution like CuSo4. 6.



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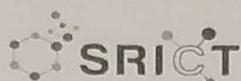


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							Go with Ozone for the formation of CuSO ₄ from Cu. 7. Market dynamics for selling CuSO ₄ solution can be thought of.
4	Paint sludge to primer	SW-03	B	NB & HP	Running	23/12/2020	1.1.0 MT/Day of raw materials & machinery cost calculations project plan was presented by NB and HP. The prepared budget, workplan and proposal formally approved by the experts. 2. The team work was appreciated (NB and HP). 3. Shri. Ashok Sharma, SHIVALIK, will look into space allocation and project implementation part. 4. Further discussions and follow up to be taken by NB and HP for the execution of the project in full scale.
5	Electrochemical oxidation of waste water	ETL-01	B & E	AG, PC & MK	Running	23/12/2020	1. The work objectives can be discussed with Prof. Guha. 2. Time line of three months to be defined to decide the project to be executed or stopped.
6	Recovery of metals (Silver, Mercury, chromium and iron)	ETL-02	B	SG & AG	Running	23/12/2020	1. Look for selling the Extracted silver from the project work as reported. 2. BT can enquire Mr Mansukh Bhai Velaria for selling part of the silver. 3. Accountability of the metals extracted like silver and mercury to be maintained in the R&D record too for future record.
7	Jitali / Dahej Projects	BEIL-08	E	PG	Running	23/12/2020	1. Should explore measures to bring the self-sustainability of the running consultancy work. 2. Can focus more on Organic farming of vegetables, fruits. 3. Composting and nursery plantations can be included. 4. Self-help group (SHG) ladies can be identified to run the show and work on the project. 5. An online portal can be developed for the home delivery of the



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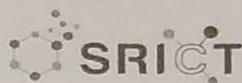
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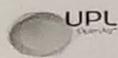
							farmed products.
8	Making Pavers block using plastic waste	BEIL-07	B	DS & PG	Running	23/12/2020	1. Prototype design should be made for processing the materials in bulk quantity. 2. The required unit operation equipment, instrumental details to be listed out for the need of the project in bulk quantity. 3. Implementation of the project at Dahej to be planned. 4. For patent filing, literature search can be done on similar kind of base work. 5. Updates can be discussed with BTT and AA. 6. Project completion report to be submitted as it is already finished. 7. The output from the said consultancy work was praised by AAP, BDD, BT and SJW.

Prof. Shrikant J. Wagh

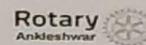
R&D Coordinator



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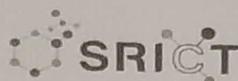


MOM-for the Month of Jan-2021 (06/02/2021)

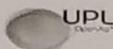
SRICT R and D- Review Meeting

Attendance: Shri. Ashok Panjwani (AAP), Shri. B. D. Dalwadi (BDD), Shri Ashok Sharma, Shri. Bharat Trivedi (BT), Shri. Kartik Iyer (KI), Shri. Hemant Balsora (HB), Dr. Alok Gautam (AG), Dr. Ravindra Kanawade (RK), Dr. Shina Gautam (SG), Shri. Sourav Choubey (SC), Shri. Nilesh Badgujar (NB), Shri Harshal Patil (HP), Shri Praful Chudasama (PC), Shri. Manoj Kumar (MK), Ms Pratibha Gautam (PG), Mr. Darshan Salunki (DS), Atul Agarwal (AA), Pratik Lathigara, Dr Sathish Gaddam, Prof. Shrikant J. Wagh (SJW), Prof. Snehal Lokhandwala (SL), Dr. Swapna Panda (SP).

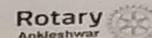
SL. No	Title of the Project	Project CODE	Project Type	Name of the faculty/ Industry persons/ Scientists/ Consultants Involved	Status of the Project	Last month MOM held on	Minutes of the Meeting
1	Plastic to oil	BEIL-01	E	KI & HB	Running	23/12/2020	1. Pro-active discussion to be done with BDD and BTT for the installation of the set-up, in CE Department, SRICT. 2. Scrap collection is required and steps to be planned thereof. 3. Required modifications to be done if necessary, in the process steps. 4. WO for 1 Year can be initiated from BEIL for the said lab scale Plastic to oil project.
2	Refused derived fuel (RDF) to synthesis Gas	BEIL-04	E	AG & RK	Running	23/12/2020	1. Can take suggestions and help from AA and BT for the look out of the mechanical unit operation part. 2. Gas composition analysis to be finished. 3. Proper analysis method should be adopted for doing the gaseous sample analysis, like passing the exit gases in a defined volume of water to make the analysis simple and more accurate.
3	Precious metal recovery from E-waste	BEIL-05	A & B	SG & SC	Running	23/12/2020	1. Li and Pb found absent in the E-waste as reported by AA. 2. Copper metal can be identified. 2. Measures can be taken to sell Cu based solution. 3. Market dynamic can be explored for the same. 4. Ash can be collected from BEIL in coordination with AA for further work progress.
4	Paint sludge to primer	SW-03	B	NB & HP	Running	23/12/2020	1. As asked by Mr Ashok Sharma, SHIVALIK, A 1MT/Day raw materials & machinery cost calculations project



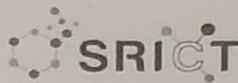
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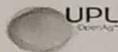
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							plan was presented by NB and HP. 2. The same project plan to be executed after formal meetings and discussions with BTT here at BEIL. 3. The focus should be given on the points like overall cost calculations, power consumptions, labor charges, depreciation, fixed cost etc. 4. Further discussions to be accomplished with Mr Ajay Kumar (Technical Paint Shop - Head) on Tata Nano Project, at Sanand, for proceeding to do the Technology transfer.
5	Electrochemical oxidation of waste water	ETL-01	B & E	AG, PC & MK	Running	23/12/2020	1. The progress can be discussed with Prof. Guha. 2. Required literature review to be done before starting further work. 3. The parameters like current density, conversion, area, volumetric flow rate can be looked out accordingly.
6	Recovery of metals (Silver, Mercury, chromium and iron)	ETL-02	B	SG & AG	Running	23/12/2020	1. SG, to take responsibility with high care to bring back the running condition of the Muffle furnace for the proper running of consultancy work. Time and wastage of money to be optimized with full responsibility. 2. PC is requested to look out for the electrical maintenance part of the Muffle furnace. 3. SG to plan for in-person meeting cum discussion with BT, BDD to sort out problems like finalization of WO for settling tank, its MOC and quotation. 4. Supporting literatures to be provided why settling is not possible with PP and FRP MOC. 5. Extracted gold from the project work output to be reported time to time. 6. As advised by BDD, the precious metal Gold to be kept in the college/lab premises with utmost care in the personal custody of SG and AG. 7. Accountability of the precious metals to be maintained in the R&D record.
7	Jitali / Dahej Projects	BEIL-08	E	PG	Running	23/12/2020	1. Should explore measures to bring the self-sustainability of the running consultancy work.



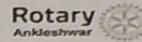
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8	Making Pavers block using plastic waste	BEIL-07	B	DS & PG	Running	23/12/2020	1. Some more relevant experimental runs can be taken to provide a feasible data analysis for the said project 2. Quality of the products obtained from the project to be improved.3. Pavers block strength at various compositions can be tested. 4. Repeatability of experiments can be tested. 5. Prototype design should be made for processing the materials in bulk quantity. 6. The required unit operation equipment, instrumental details to be listed out for the need of the project in bulk quantity, in industrial scale. 7. Further progress of the work to be discussed with BTT and AA. 8. Project completion report to be submitted once it is finished.
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Prof. Shrikant J. Wagh

R&D Coordinator

Minutes Of HOD MIS: April 2021

Date of Meeting	08.04.2021, Thursday
Time of Meeting	10:00 a.m.-1:00 pm
Place of Meeting	Online meeting
Subject	MIS
Meeting attended by	<ol style="list-style-type: none"> 1. Mr. Ashok Panjwani (VC, ARES) 2. Dr. P N Parmeswaran 3. Dr. Shrikant Wagh (Principal) 4. Dr. Snehal Lokhandwala (Vice Principal) 5. Dr. Alok Gautam (HOD Chemical Engineering) 6. Dr. Purvi Naik (HOD, MSH) 7. Mr. Krunal Suthar (Assistant Professor, Chemical Eng.) 8. Dr. Omprakash (HOD, Chemical Technology) 9. Dr. Hemant Gupta (HOD, Mechanical Engineering) 10. Ms. Pratibha Gautam (HOD, DEST) 11. Ms. Jalpa Thakkar (HOD, Electrical Eng.) 12. Mr. Dharmesh Patel (Manager ADM) 13. Mrs. Deepika Shah (SRICT-ISR) 14. Mr. Harsh Shah (BEIL) 15. Mr. Ankur Patel (BEIL)

Sr.No.	Points	Person Concerned
1.	Examination & Alumni Association: <ul style="list-style-type: none"> • Internal marks to be checked for students who have failed. • Regular analysis should be done when any student fails. • Result analysis of 7th semester students should be shown to Mr. Kishore Surti. • Report to be sent on how many institutes have been closed or de-affiliated from GTU and how many new have been added since 2011 to till date. • Monthly newsletter should be prepared for alumni association. • Work on proper nomenclature of Alumni Association. 	KJS
2.	Fees data should be prepared.	ALL HOD
3.	Weak students should be identified and action to be taken	ALL HOD
4.	Chemical Engineering: AG has reported department has identified 6 weak students.	AG
5.	Mechanical Engineering: <ul style="list-style-type: none"> • People on regular role should enroll for PHD. • Work on registration of students in placement cell. (Category B). • Work out strategy to get 30 students. • Faculties should be encouraged for research paper. 	HG

	<ul style="list-style-type: none"> Coordinate with all department for “Attitude is everything” class. Classes should be organized in coordination with SRL. First program should be done with Mech Engg faculty members. 	
6.	MSH Department & 5s: <ul style="list-style-type: none"> Report of instruments to be written off should be placed before taking any action. Mr. Mansukh Vekariya to be contacted for the marketing at Swaminarayan Gurukul. Mrs. Deepika Shah to work on contacting Advait School and conducting online session. Report is to be submitted of employees who have not appeared in knowledge test. 	PN, DS
7.	SRICT- ISR: <ul style="list-style-type: none"> Report is to be submitted of poor students. Meeting is to be done individually with students regarding placement. 	DS
8.	Electrical Engineering: HOD has presented report of department and was found satisfactory.	JT
9.	Chemical Technology: Talk to prof. Wagh regarding instruments are not in working condition in Lab.	OM
10.	EST: <ul style="list-style-type: none"> Talk to students who are not attending classes and necessary action is to be taken. SJW to write letter to concern department regarding Tablets. 	PG, SJW
11.	“Know your department” program should be organized for all departments.	ALL HOD
12.	Mechanical Maintenance: SJ has presented report of mechanical maintenance and it was found satisfactory.	SJ
13.	SSIP & Start Up: <ul style="list-style-type: none"> Work on resolution of new account for SSIP & Start up under the consultation of Mr. Kishore Surti. Expedite process for grant approval of SSIP projects. DP to ask coordinator to work on Membrane technology for wastewater treatment & removal of colour and cod from textile industrial wastewater using electro coagulation. DP will send ideas regarding innovative projects for SSIP to AAP sir. 	DP
14.	AIMA Course: <ul style="list-style-type: none"> Take feedback form students about AIMA course and submit to AAP sir. Work on next batch Admission & work on marketing. Organise expert lectures for AIMA students. 	HRM

15.	R&D: <ul style="list-style-type: none"> • Faculties should be encouraged to write more project proposals. • Research area of interest should be identified, and discussion should be held for growing research and report of the same should be submitted. • Meeting should be organised with Mr. Manoj of Ami Polymer to review the same. • The project of UPL should be accelerated and summary report of CL2 recovery from spent acid from UPL should be submitted on priority. • Presentation of DST project is to be submitted. 	SP
16..	Admin: Separate notes on deficit are to be submitted.	DDP
17	IT & TP: MP has presented report and it was found satisfactory.	MP
18.	Hostel: The Report was presented by RK and was informative.	RK
19.	Safety at SRICT: Summary report is to be submitted.	NB



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Minutes Of HOD MIS : April 2021

Date of Meeting	04.05.2021, Tuesday
Time of Meeting	03:00 pm-5:00 pm
Place of Meeting	Online meeting
Subject	MIS
Meeting attended by	<ol style="list-style-type: none">1. Mr. Ashok Panjwani (VC, ARES)2. Dr. Shrikant Wagh (Principal)3. Dr. Snehal Lokhandwala (Vice Principal)4. Dr. Alok Gautam (HOD Chemical Engineering)5. Dr. Purvi Naik (HOD, MSH)6. Dr. Omprakash (HOD, Chemical Technology)7. Dr. Hemant Gupta (HOD, Mechanical Engineering)8. Ms. Pratibha Gautam (HOD, EST)9. Ms. Jalpa Thakkar (HOD, Electrical Eng.)10. Mr. Dharmesh Patel(Manager ADM)11. Mrs. Deepika Shah(SRICT-ISR)12. Mr. Harsh Shah (BEIL)

Sr. No.	Points	Person Concerned
1.	Work on pending fees.	ALL HOD
2.	Work on payment to students who are taking PLI.	SJW
3.	Chemical Engineering: <ul style="list-style-type: none">• Send report of 5th semester students who failed in exam.• Prepare presentation on Hydrogen.	AG
4.	Mechanical Engineering: <ul style="list-style-type: none">• Work on lab and send report for the same.• Send daily report of student who failed in examination and not attending viva.	HG
5.	Chemical Technology: <ul style="list-style-type: none">• Work on students who failed in examination.	OM
6.	EST Department: HOD has presented report of department and was found satisfactory.	PG
7.	Electrical Engineering: HOD has presented report of department and was found satisfactory.	JT
8.	MSH Department & 5s: HOD has presented report of department and was found satisfactory.	PN